LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.681	617	628	639	rBV	760665	1358255	6.54%	0.874%
2	6.834	645	654	668	rBV	541312	865778	4.17%	0.557%
3	7.022	679	686	699	rVB	829038	1308551	6.30%	0.842%
4	7.481	757	764	774	rVV	1040992	1583452	7.62%	1.019%
5	7.705	797	802	808	rBV2	161169	228918	1.10%	0.147%
6	8.187	877	884	895	rBV	1053206	1647565	7.93%	1.061%
7	8.299	897	903	908	rVV2	63665	101980	0.49%	0.066%
8	8.616	951	957	965	rBV	697017	1130261	5.44%	0.728%
9	9.328	1071	1078	1086	rBV	625749	1006903	4.85%	0.648%
10	9.863	1158	1169	1179	rBV	1099980	1810661	8.72%	1.166%
11	10.228	1224	1231	1238	rBV	1441696	2286840	11.01%	1.472%
12	10.375	1250	1256	1277	rBV	625693	1169888	5.63%	0.753%
13	12.610	1630	1636	1643	rBV2	93483	141755	0.68%	0.091%
14	12.898	1679	1685	1691	rVB	534253	763035	3.67%	0.491%
15	12.992	1697	1701	1703	rVV4	78355	113156	0.54%	0.073%
16	13.028	1703	1707	1711	rVV4	88080	157467	0.76%	0.101%
17	13.116	1717	1722	1728	rVB2	451062	643380	3.10%	0.414%
18	13.257	1738	1746	1749	rBV2	684993	1133365	5.46%	0.730%
19	13.287	1749	1751	1760	rVB3	547349	869113	4.18%	0.560%
20	13.381	1760	1767	1771	rBV	3183987	4747433	22.86%	3.056%
21	13.428	1771	1775	1781	rVB3	466809	724603	3.49%	0.466%
22	13.534	1787	1793	1797	rBV	2166465	2934596	14.13%	1.889%
23	13.581	1797	1801	1806	rVB	811526	1070200	5.15%	0.689%
24	13.634	1806	1810	1819	rVB	1754847	2515364	12.11%	1.619%
25	13.798	1828	1838	1843	rBV	2340936	3401354	16.38%	2.190%
26	13.851	1843	1847	1851	rVB	364879	481955	2.32%	0.310%
27	13.910	1852	1857	1859	rBV4	91789	143311	0.69%	0.092%
28	13.945	1859	1863	1866	rBV	859825	1272009	6.12%	0.819%
29	13.975	1866	1868	1871	rVB	736607	730389	3.52%	0.470%
30	14.022	1871	1876	1881	rVB	1910223	2590532	12.47%	1.668%
31	14.110	1881	1891	1895	rBV	2423273	3741593	18.02%	2.409%
32	14.192	1900	1905	1910	rVV	978413	1434644	6.91%	0.924%
33	14.245	1910	1914	1915	rVV2	191133	237061	1.14%	0.153%
34	14.275	1915	1919	1923	rVV2	778391	1136680	5.47%	0.732%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

35	14.334	1923	1929	1933	rVV	607326	992068	4.78%	0.639%
36	14.375	1933	1936	1947	rVB2	920040	1508800	7.27%	0.971%
37	14.492	1952	1956	1964	rVV	564232	882021	4.25%	0.568%
38	14.569	1964	1969	1973	rVV2	190762	288982	1.39%	0.186%
39	14.616	1973	1977	1982	rVV	739410	969719	4.67%	0.624%
40	14.687	1982	1989	1995	rVB3	281618	400271	1.93%	0.258%
41	14.798	2002	2008	2013	rVB2	72020	115465	0.56%	0.074%
42	15.016	2040	2045	2050	rBV3	76441	120650	0.58%	0.078%
43	15.116	2056	2062	2067	rBV	2988217	4198809	20.22%	2.703%
44	15.245	2078	2084	2089	rBV	747734	1081007	5.21%	0.696%
45	15.292	2089	2092	2097	rVB3	138103	197810	0.95%	0.127%
46	15.357	2097	2103	2107	rBV2	299025	485568	2.34%	0.313%
47	15.410	2107	2112	2118	rVB	967939	1252245	6.03%	0.806%
48	15.545	2132	2135	2138	rVV3	92813	129085	0.62%	0.083%
49	15.586	2138	2142	2143	rVV2	159445	204766	0.99%	0.132%
50	15.616	2143	2147	2158	rVV2	630211	1044508	5.03%	0.672%
51	15.775	2166	2174	2181	rVB6	167685	377430	1.82%	0.243%
52	15.857	2184	2188	2198	rBV6	121957	242263	1.17%	0.156%
53	16.657	2314	2324	2330	rBV2	715994	1243383	5.99%	0.800%
54	16.763	2338	2342	2346	rVB	239977	292041	1.41%	0.188%
55	16.869	2353	2360	2364	rBV	2802499	4063809	19.57%	2.616%
56	16.904	2364	2366	2371	rVB	354313	443096	2.13%	0.285%
57	16.963	2371	2376	2381	rBV	3395511	4582826	22.07%	2.950%
58	17.075	2391	2395	2401	rBV2	180662	247298	1.19%	0.159%
59	17.580	2474	2481	2485	rBV	315230	425748	2.05%	0.274%
60	17.739	2503	2508	2513	rBV4	122851	201866	0.97%	0.130%
61	17.804	2513	2519	2526	rBV2	621960	973633	4.69%	0.627%
62	18.751	2674	2680	2686	rVB	796656	1023640	4.93%	0.659%
63	18.933	2702	2711	2716	rBV	844521	1214840	5.85%	0.782%
64	18.998	2718	2722	2733	rVB	181347	310660	1.50%	0.200%
65	19.092	2734	2738	2745	rBV2	151915	266999	1.29%	0.172%
66	19.169	2747	2751	2757	rVB4	85722	166975	0.80%	0.107%
67	19.275	2763	2769	2778	rBV2	4118236	6399891	30.82%	4.120%
68	19.469	2797	2802	2810	rBV4	199134	421715	2.03%	0.271%
69	19.551	2812	2816	2822	rVV	419276	523791	2.52%	0.337%
70	19.610	2822	2826	2831	rBV5	153550	222461	1.07%	0.143%
71	19.733	2844	2847	2850	rBV2	98377	112601	0.54%	0.072%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

72	19.845	2862	2866	2868	rBV3	100984	155439	0.75%	0.100%
73	19.869	2868	2870	2873	rVB2	181771	167908	0.81%	0.108%
74	19.951	2880	2884	2889	rBV4	150450	256226	1.23%	0.165%
75	20.010	2889	2894	2903	rBV	1597831	2082804	10.03%	1.341%
76	20.104	2904	2910	2914	rVB5	105345	177455	0.85%	0.114%
77	20.180	2916	2923	2927	rBV	16906269	20767836	100.00%	13.370%
78	20.222	2927	2930	2939	rVB2	3005699	4935292	23.76%	3.177%
79	20.369	2953	2955	2959	rVB2	104014	110060	0.53%	0.071%
80	20.698	3006	3011	3019	rBV6	214783	546945	2.63%	0.352%
81	20.804	3026	3029	3031	rBV2	182933	235404	1.13%	0.152%
82	20.839	3031	3035	3042	rVV2	2390869	3909814	18.83%	2.517%
83	20.904	3042	3046	3055	rVB4	439867	778200	3.75%	0.501%
84	21.080	3070	3076	3080	rBV	3755291	4802959	23.13%	3.092%
85	21.116	3080	3082	3086	rVB	387709	397547	1.91%	0.256%
86	21.274	3104	3109	3114	rBV4	398476	876051	4.22%	0.564%
87	21.633	3165	3170	3173	rBV2	741799	1003184	4.83%	0.646%
88	21.680	3173	3178	3181	rVV	2929898	4590912	22.11%	2.956%
89	21.716	3181	3184	3199	rVB	5324478	8944216	43.07%	5.758%
90	22.139	3252	3256	3259	rBV	362578	444265	2.14%	0.286%
91	22.174	3259	3262	3266	rVV5	190611	288666	1.39%	0.186%
92	22.586	3328	3332	3333	rBV	304097	412258	1.99%	0.265%
93	22.616	3334	3337	3341	rVV	1248471	1761933	8.48%	1.134%
94	22.668	3341	3346	3354	rVB	1209357	2354385	11.34%	1.516%
95	23.074	3410	3415	3421	rBV	2027842	3231867	15.56%	2.081%
96	23.210	3432	3438	3449	rBV2	2024482	3534642	17.02%	2.276%
97	23.745	3524	3529	3537	rVB	1085909	1942098	9.35%	1.250%
98	23.839	3540	3545	3554	rVB3	436030	1101000	5.30%	0.709%
99	24.739	3694	3698	3706	rVB3	372253	775950	3.74%	0.500%
100	26.057	3916	3922	3937	rVB10	504188	1632279	7.86%	1.051%

Sum of corrected areas: 155328382

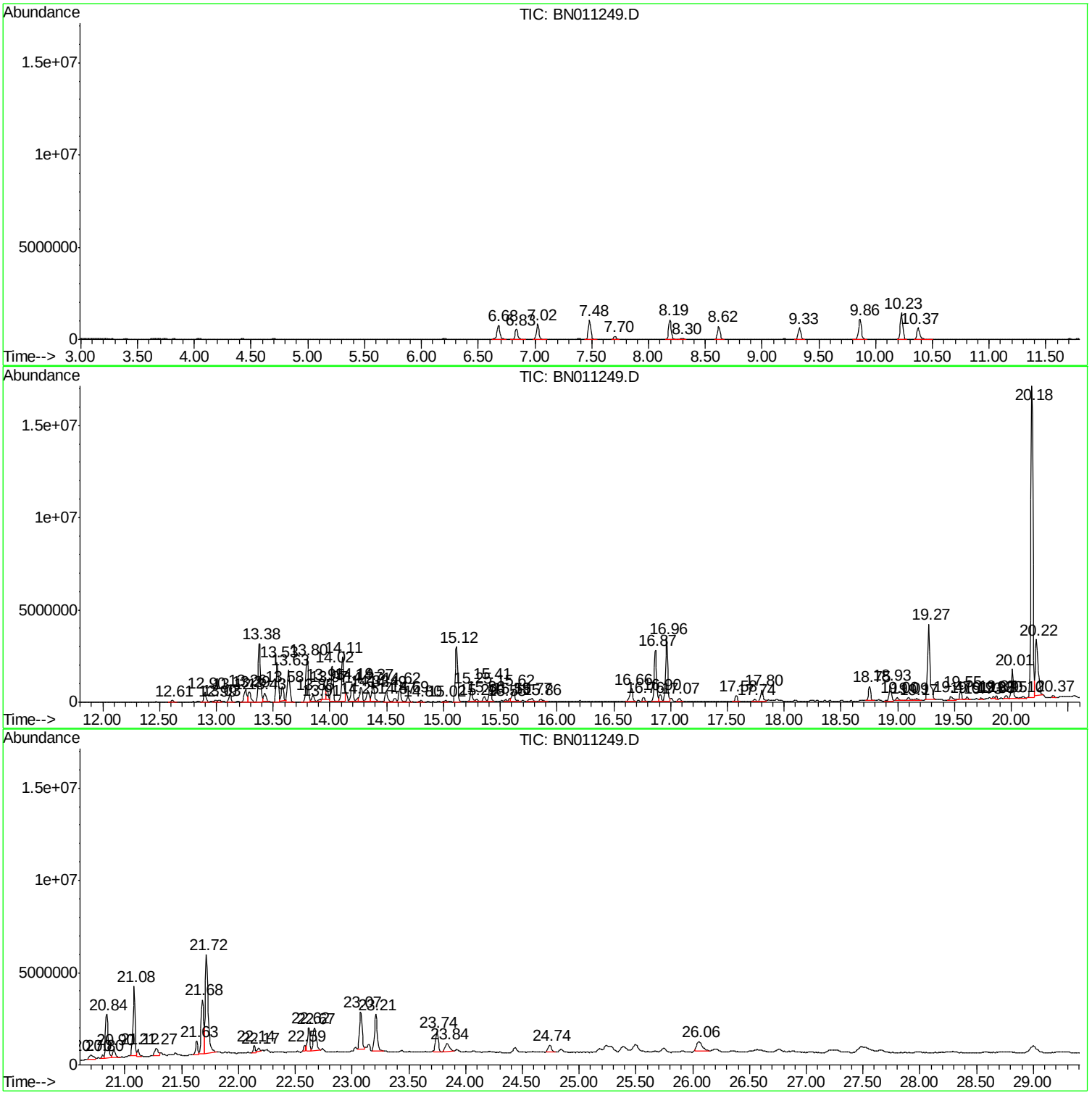
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

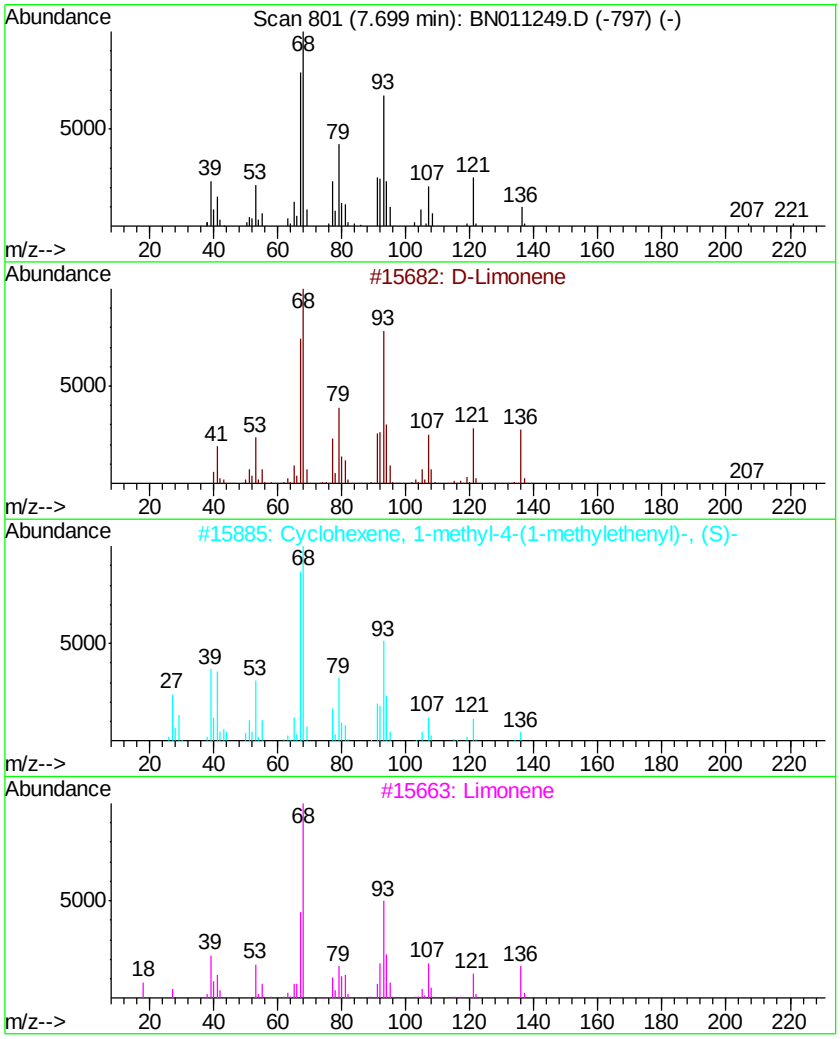
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

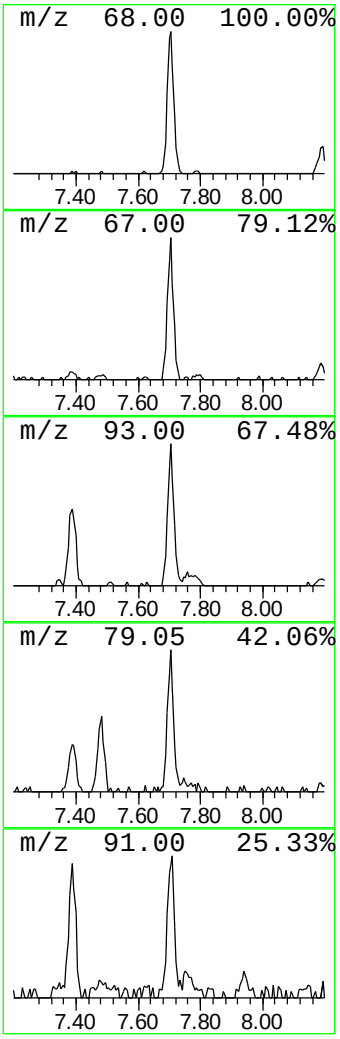
****

Peak Number 1 D-Limonene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	2.89 ng/ul	228918	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	93
4	Limonene	136	C10H16	000138-86-3	87
5	Limonene	136	C10H16	000138-86-3	83





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

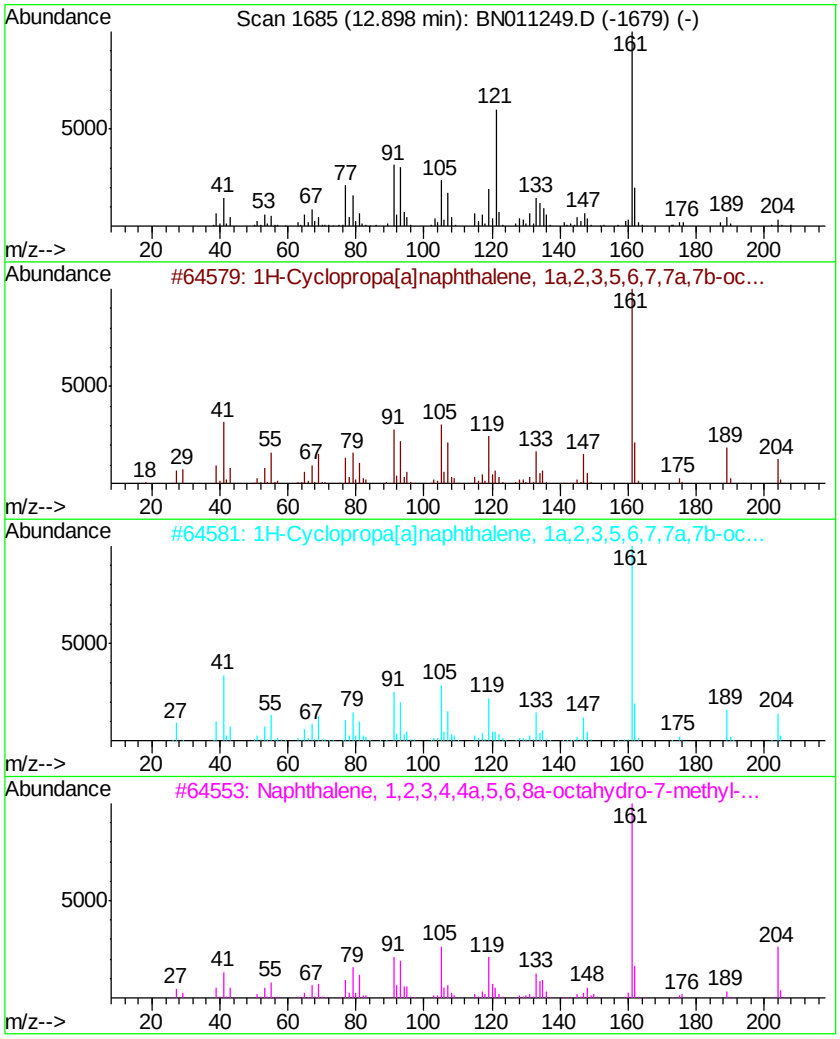
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

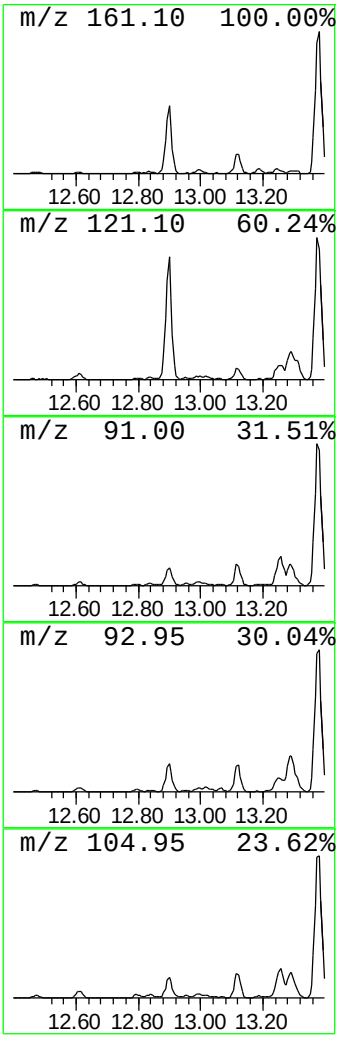
****

Peak Number 2 1H-Cyclopropa[a]naphthalene... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.08 ng/ul	763035	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	90
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	78
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	72
4	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	64
5	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	53





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

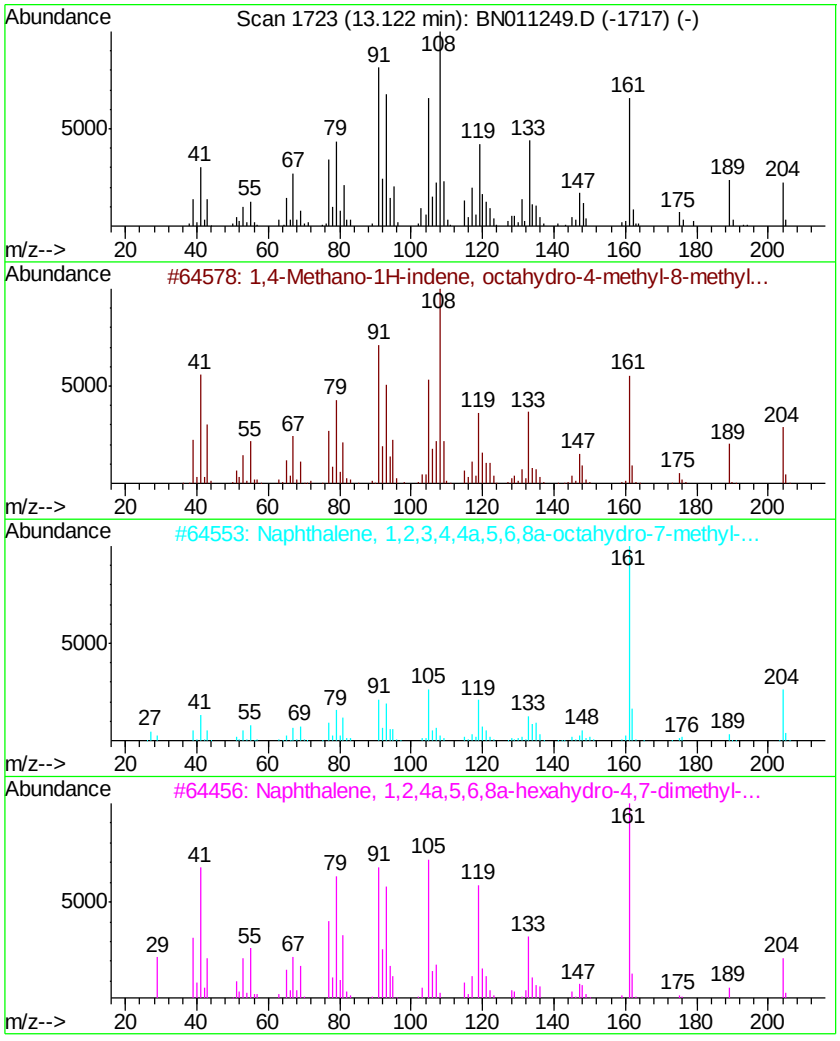
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

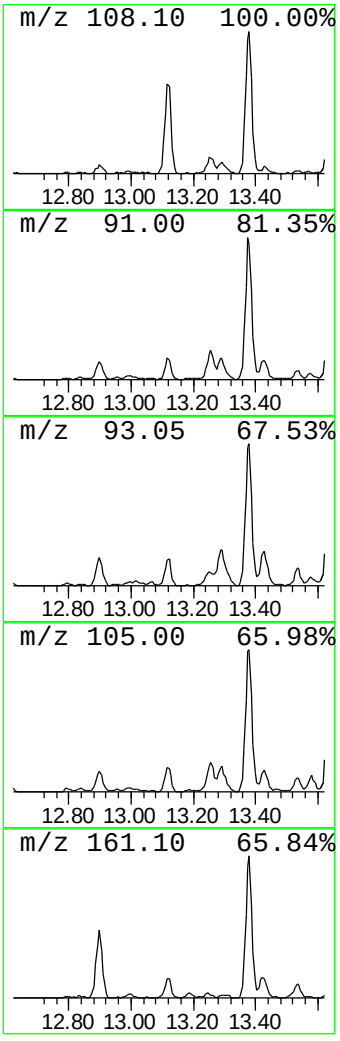
****

Peak Number 3 1,4-Methano-1H-indene, octa... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.44 ng/ul	643380	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	95
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	95
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	89
4	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	080923-88-2	70
5	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

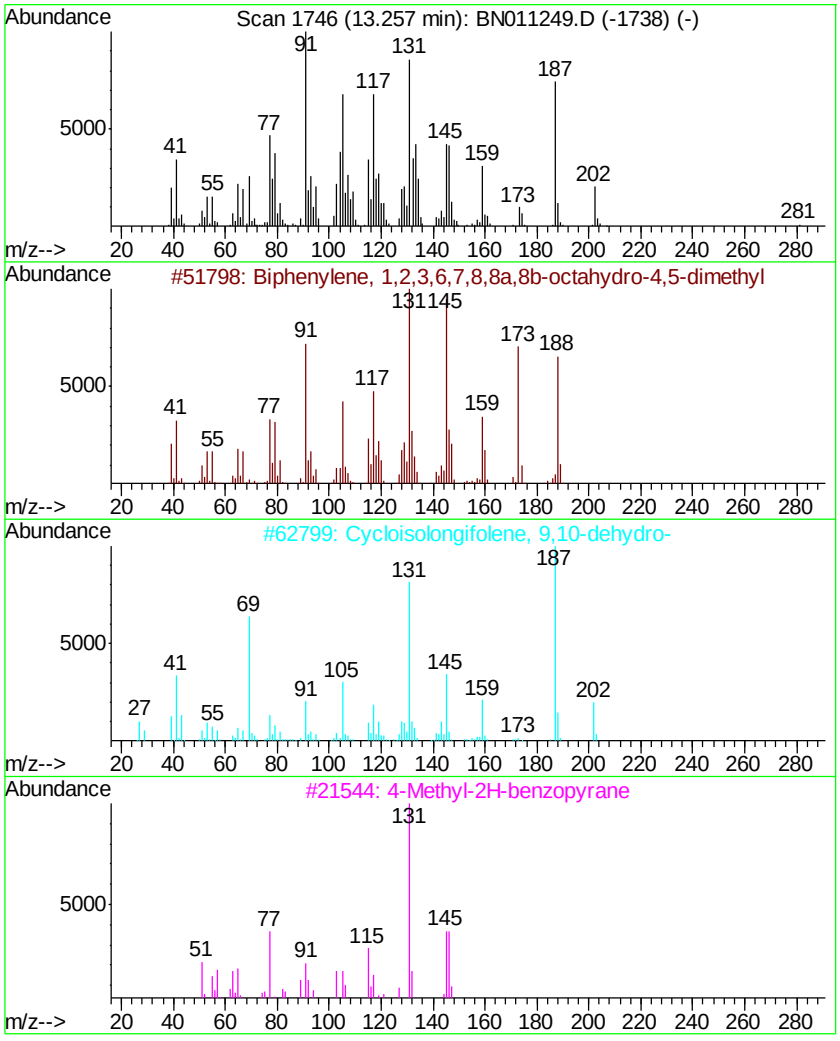
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

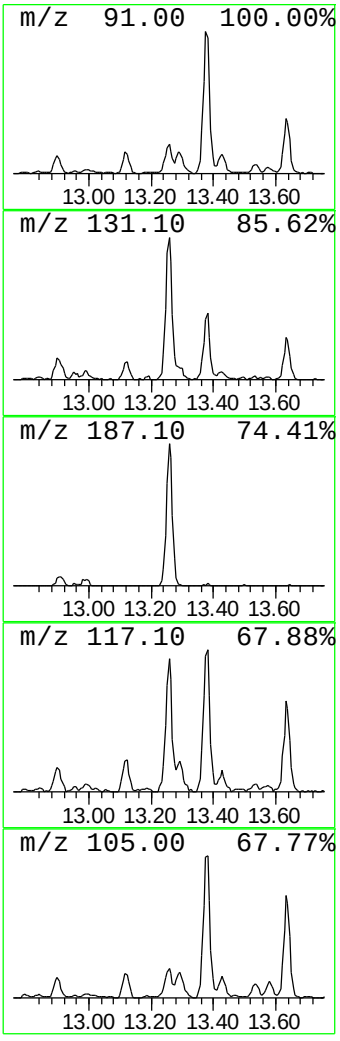
****

Peak Number 4 Biphenylene, 1,2,3,6,7,8,8a... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.06 ng/ul	1133370	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene, 1,2,3,6,7,8,8a,8b-o...	188	C14H20	106988-87-8	84
2	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	46
3	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	42
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	38
5	Cadina-1(10),6,8-triene	202	C15H22	001460-96-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

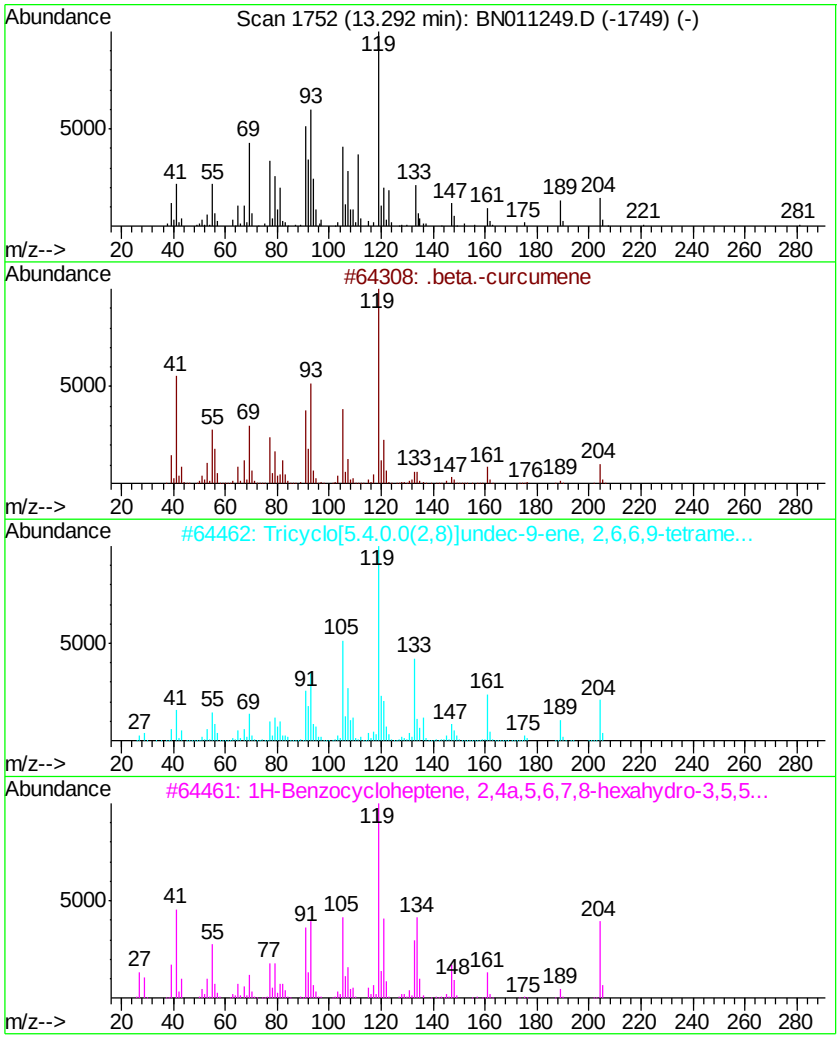
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

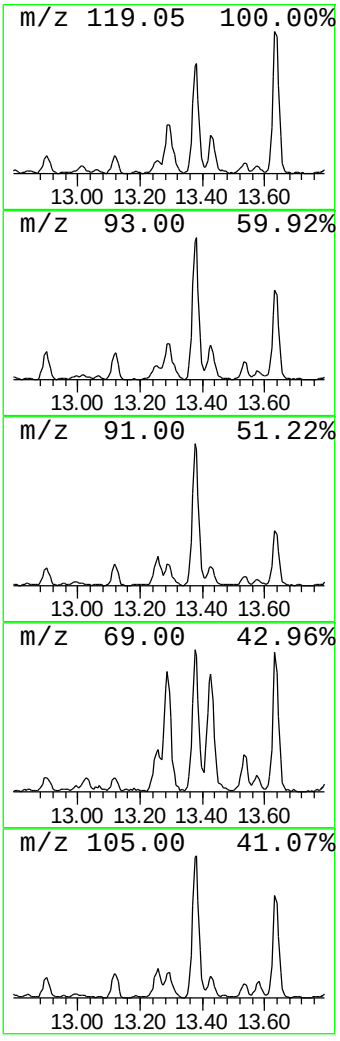
****

Peak Number 5 .beta.-curcumene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	4.65 ng/ul	869113	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-curcumene	204	C15H24	1000374-17-4	55
2	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	52
3	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	49
4	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	46
5	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

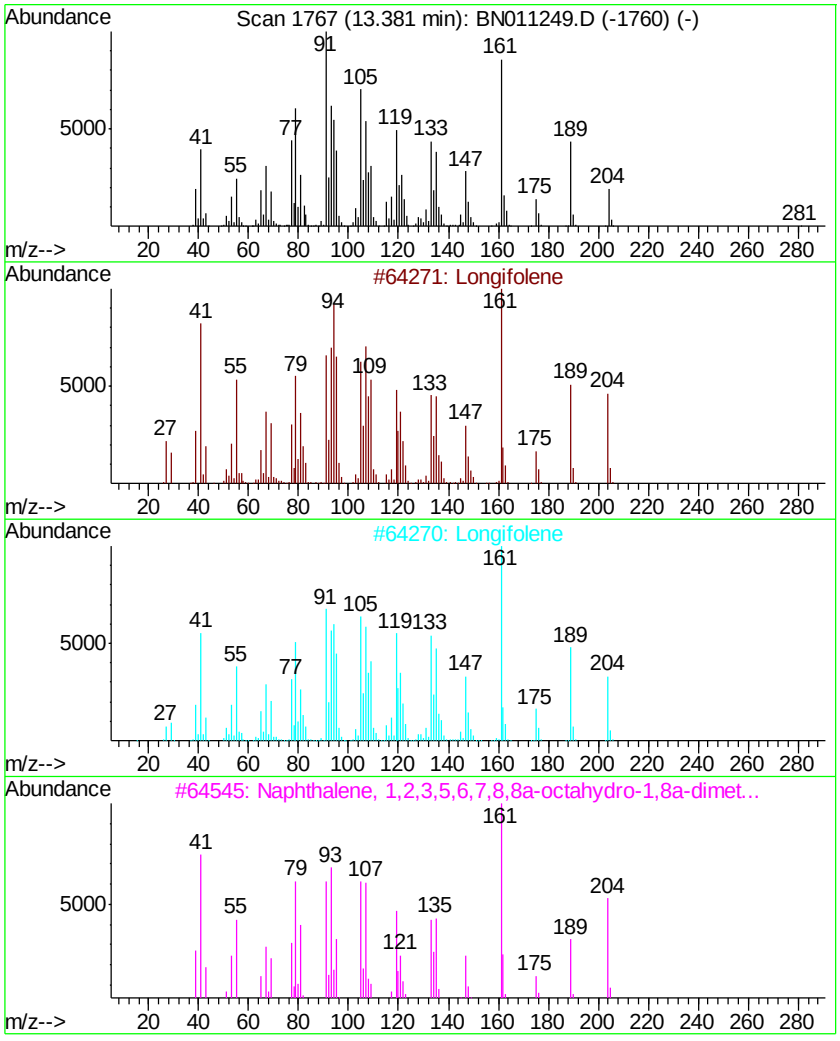
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

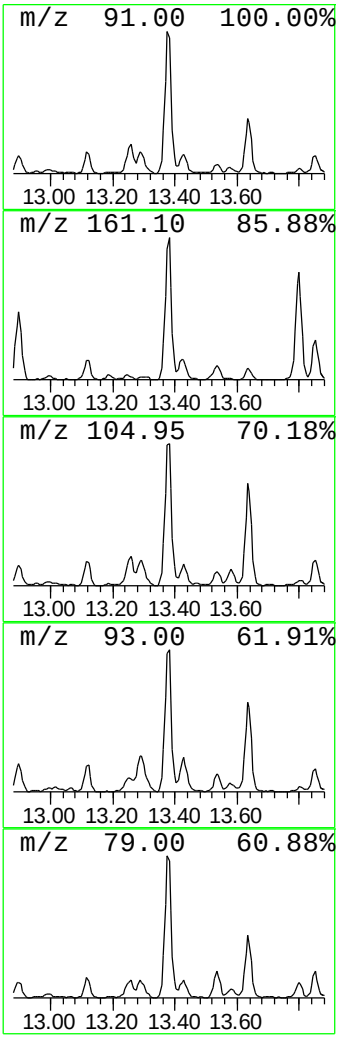
****

Peak Number 6 Longifolene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	25.38 ng/ul	4747430	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	98
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	95
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	94
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	94





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

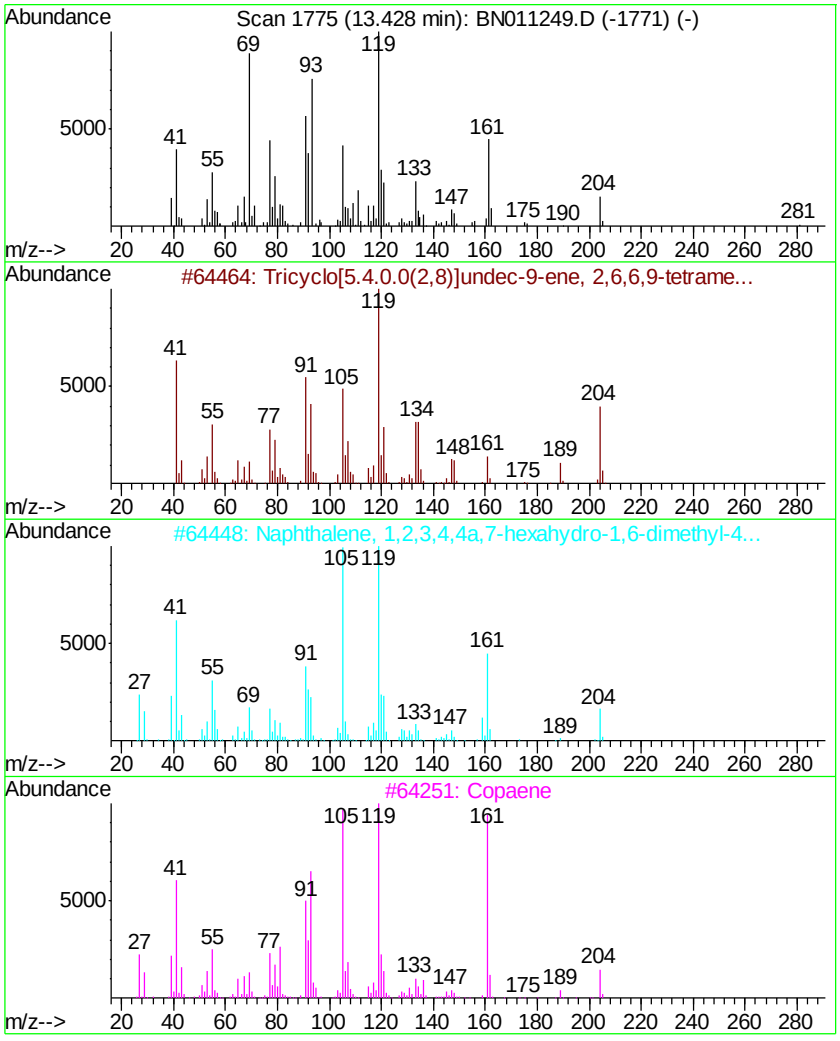
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

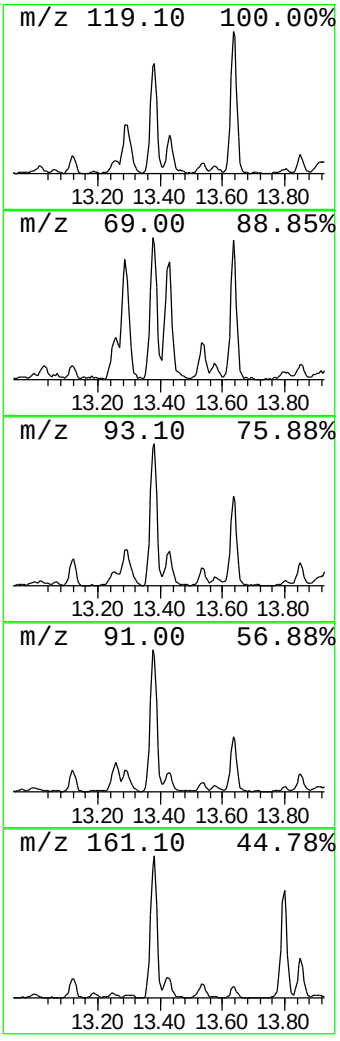
****

Peak Number 7 Naphthalene, 1,2,3,4,4a,7-h... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	3.87 ng/ul	724603	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	58
2	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	50
3	Copaene	204	C15H24	003856-25-5	49
4	.beta.-curcumene	204	C15H24	1000374-17-4	46
5	2-Butenamide,N-phenyl-	161	C10H11NO	001733-40-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

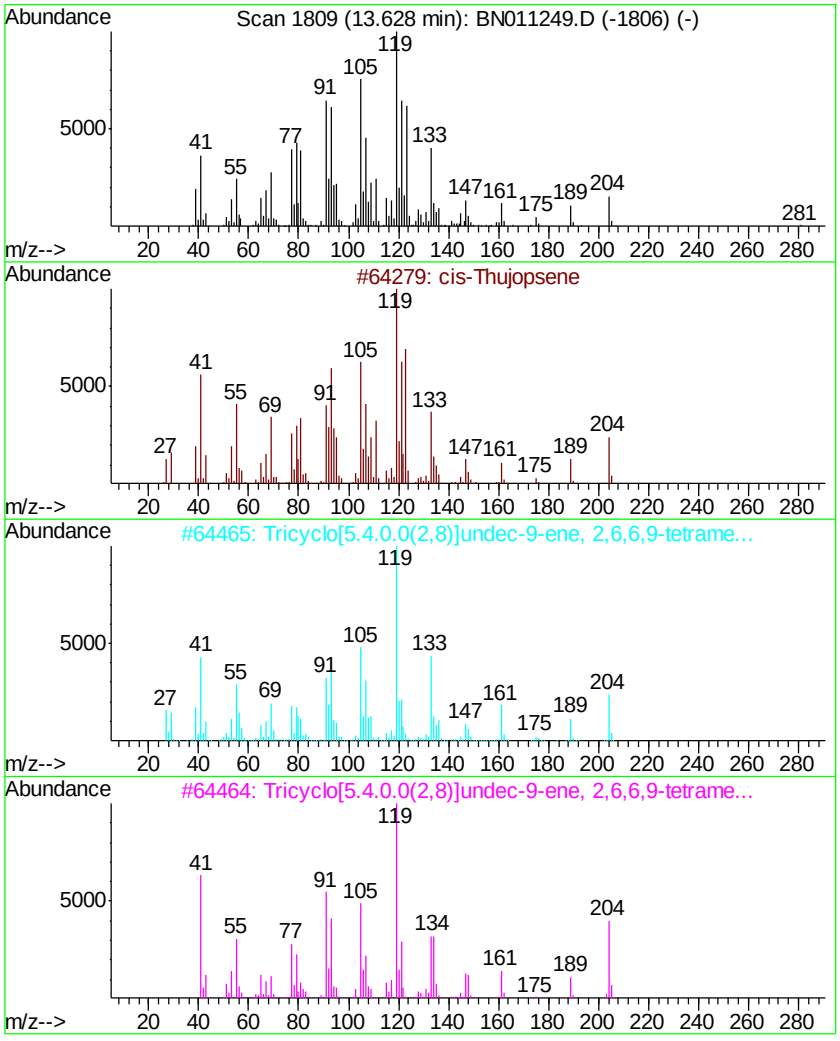
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

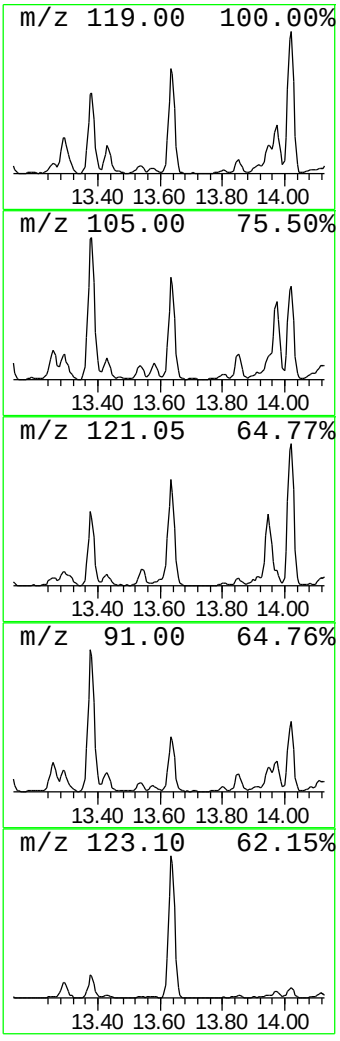
****

Peak Number 8 cis-Thujopsene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	13.45 ng/ul	2515360	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	99
2	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	86
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	70
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	70
5	cis-Thujopsene	204	C15H24	000470-40-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

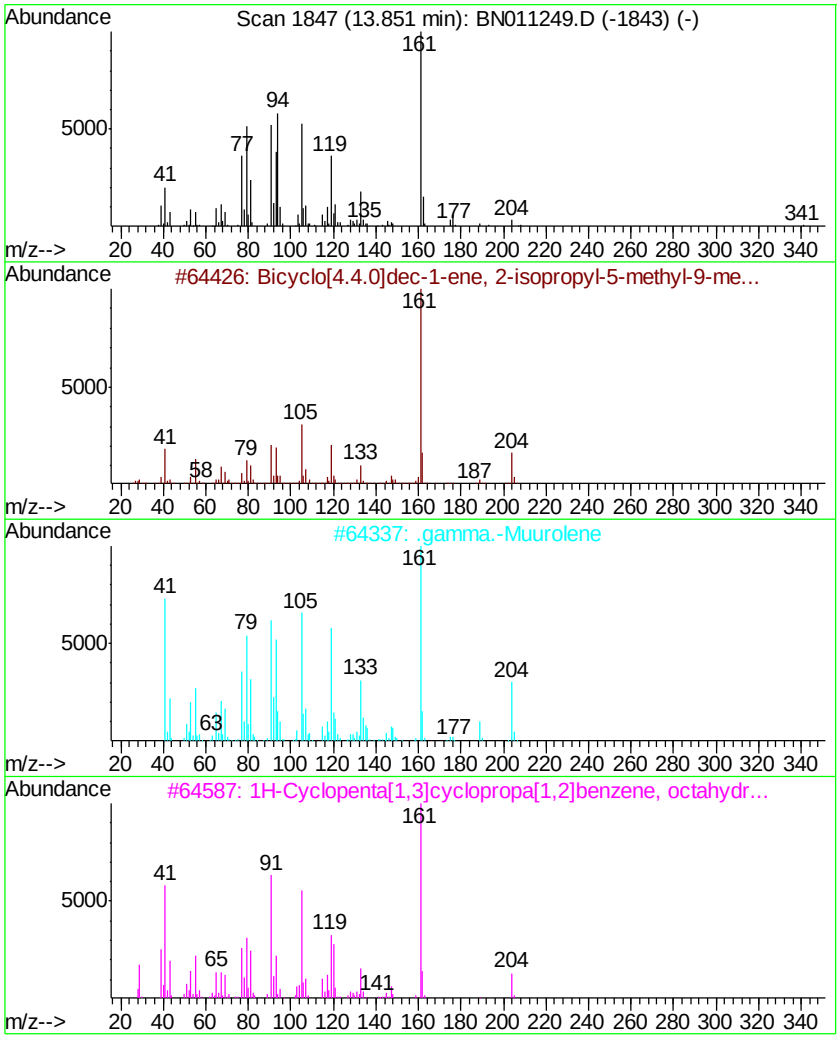
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

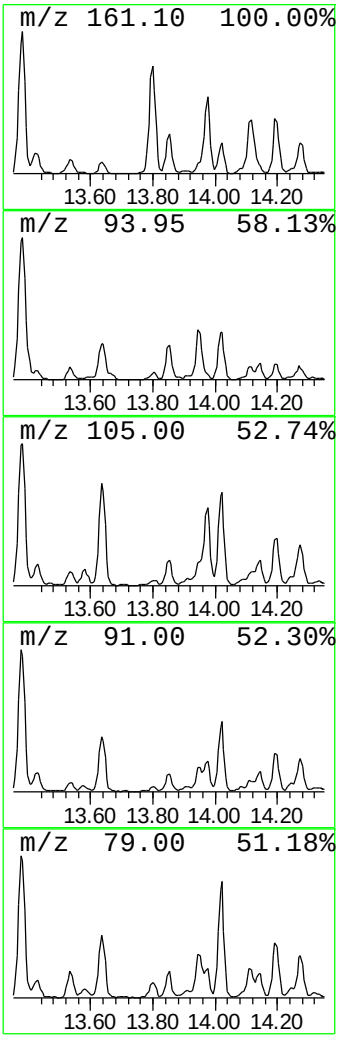
****

Peak Number 9 Bicyclo[4.4.0]dec-1-ene, 2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.58 ng/ul	481955	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	58
2	.gamma.-Muurolene	204	C15H24	030021-74-0	50
3	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	50
4	1-Ethyl-3-vinyl-adamantane	190	C14H22	1000214-99-6	50
5	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000546-28-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

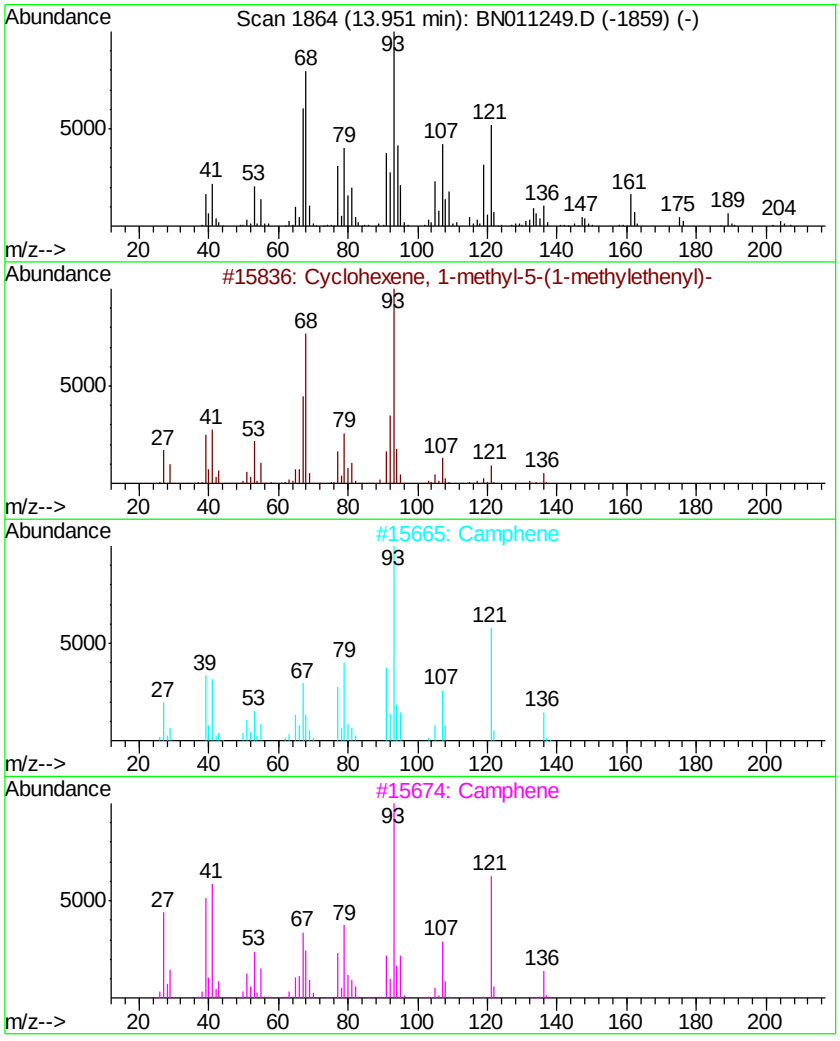
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

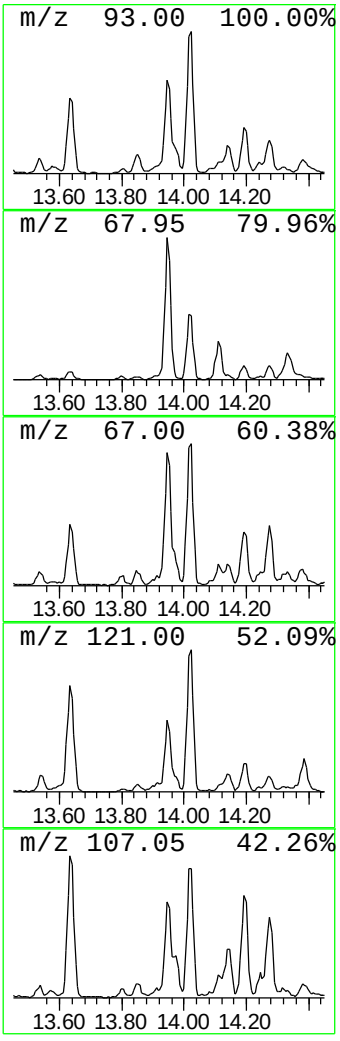
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexene, 1-methyl-5-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.80 ng/ul	1272010	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	52
2	Camphene	136	C10H16	000079-92-5	45
3	Camphene	136	C10H16	000079-92-5	43
4	Camphene	136	C10H16	000079-92-5	41
5	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	30





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

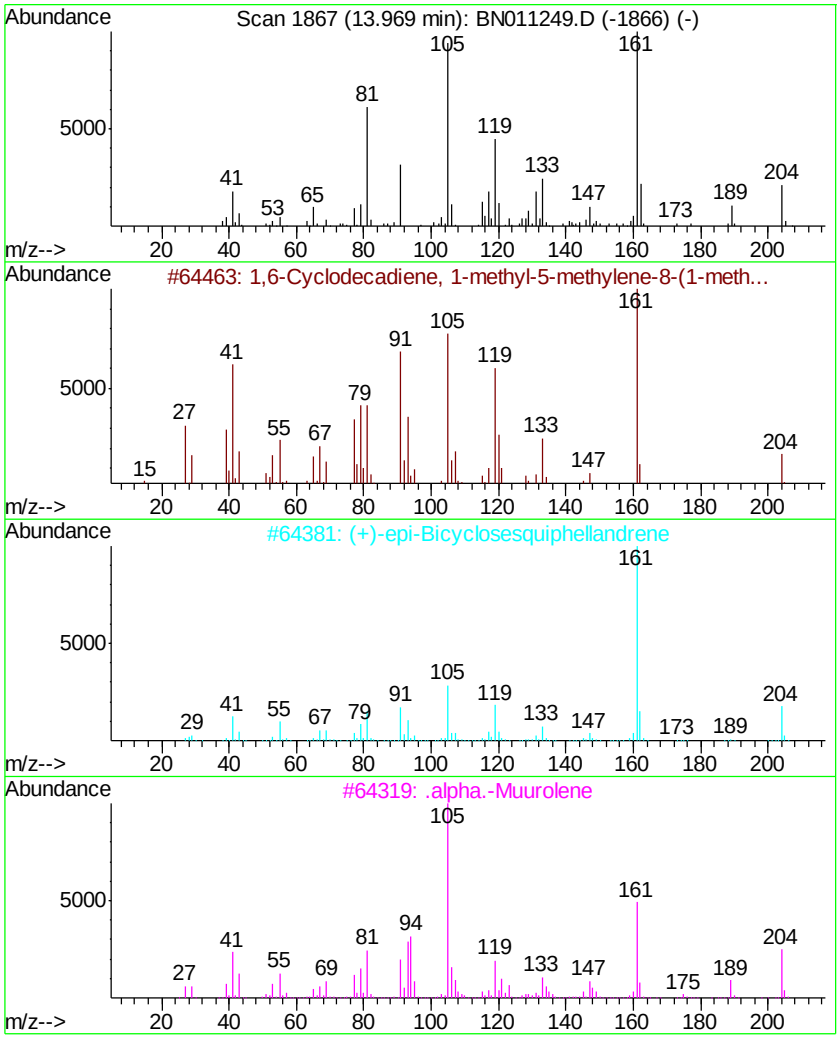
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

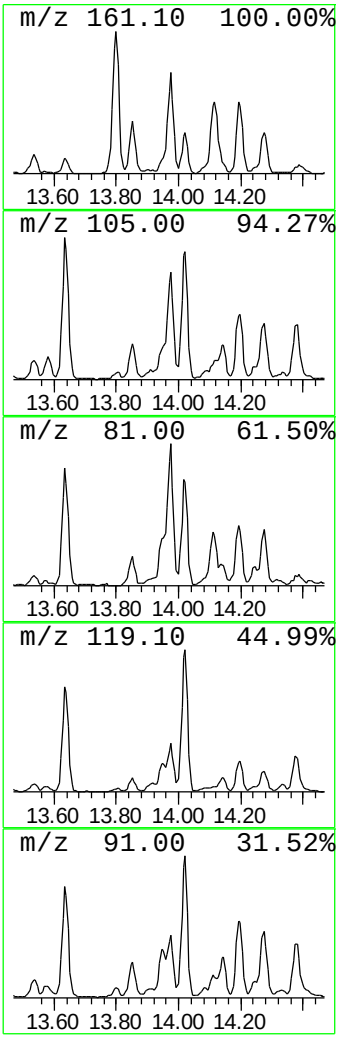
****

Peak Number 11 1,6-Cyclodecadiene, 1-methy... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.90 ng/ul	730389	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	87
2	(+)-epi-Bicyclosesquiphellandrene	204	C15H24	054274-73-6	68
3	.alpha.-Muurolene	204	C15H24	010208-80-7	53
4	.alpha.-Cubebene	204	C15H24	017699-14-8	53
5	Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	056348-21-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

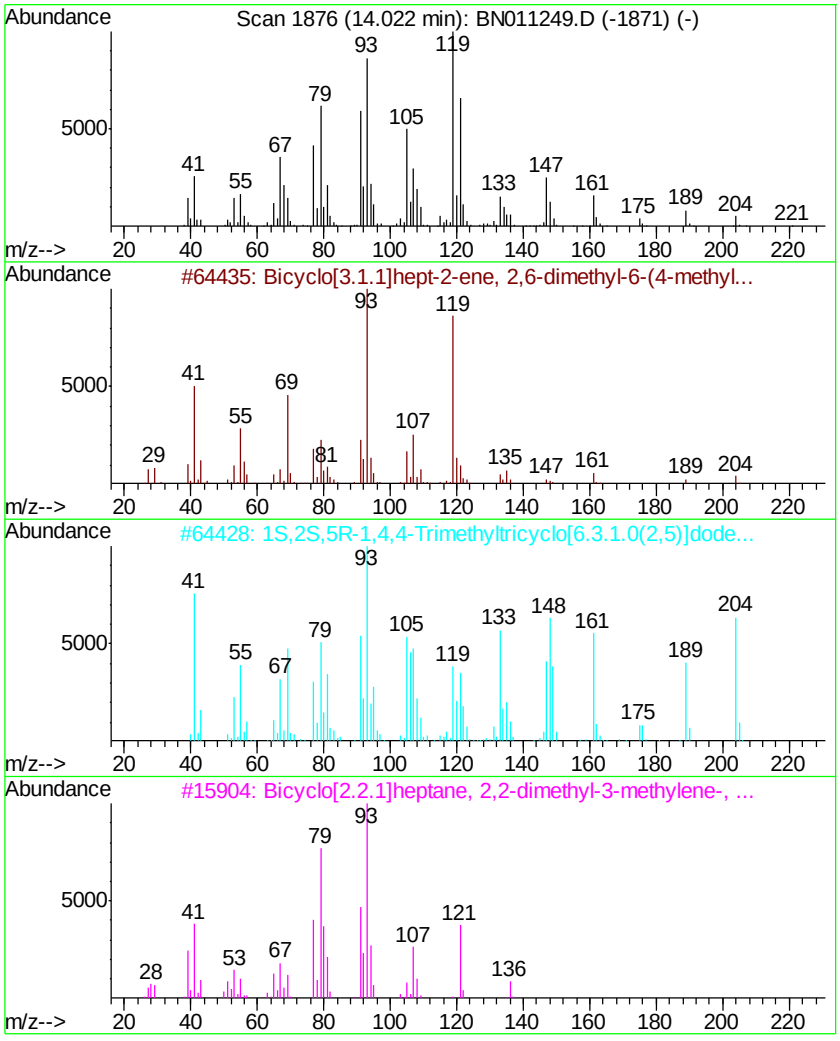
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

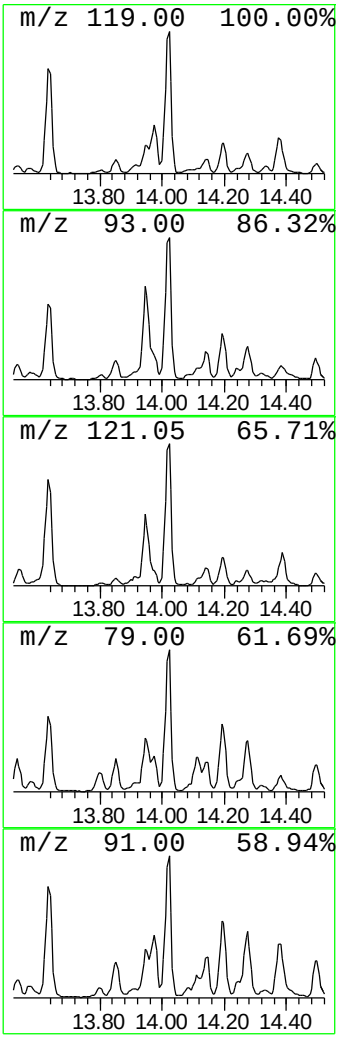
****

Peak Number 12 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	13.85 ng/ul	2590530	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	52
2	1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	52
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	46
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	41
5	Bicyclo[3.2.0]heptane, 6-methylene-	108	C8H12	003642-22-6	38





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

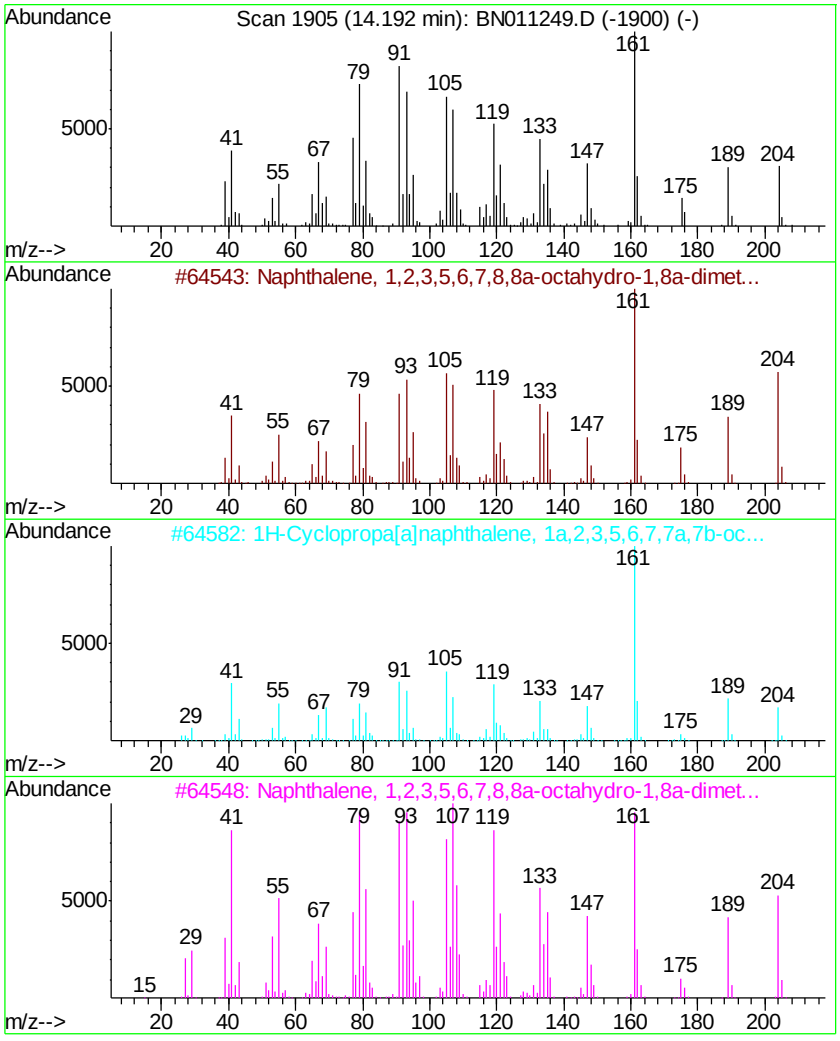
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

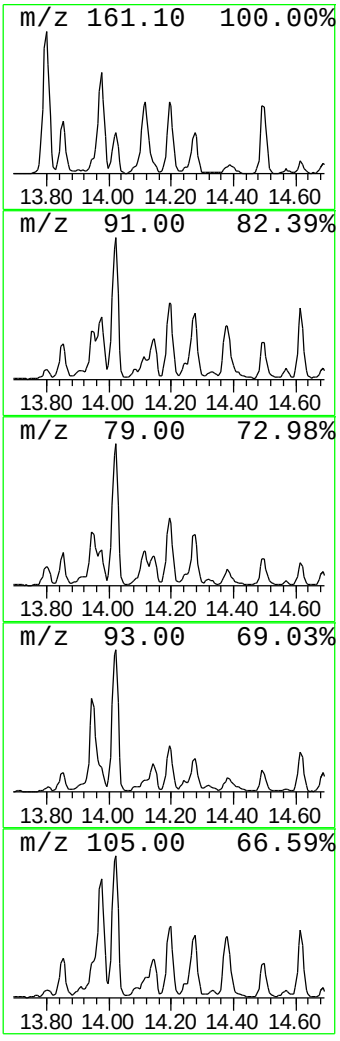
****

Peak Number 13 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	7.67 ng/ul	1434640	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	98
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	95
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	89
4	Longifolene	204	C15H24	000475-20-7	87
5	Alloaromadendrene	204	C15H24	025246-27-9	83





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

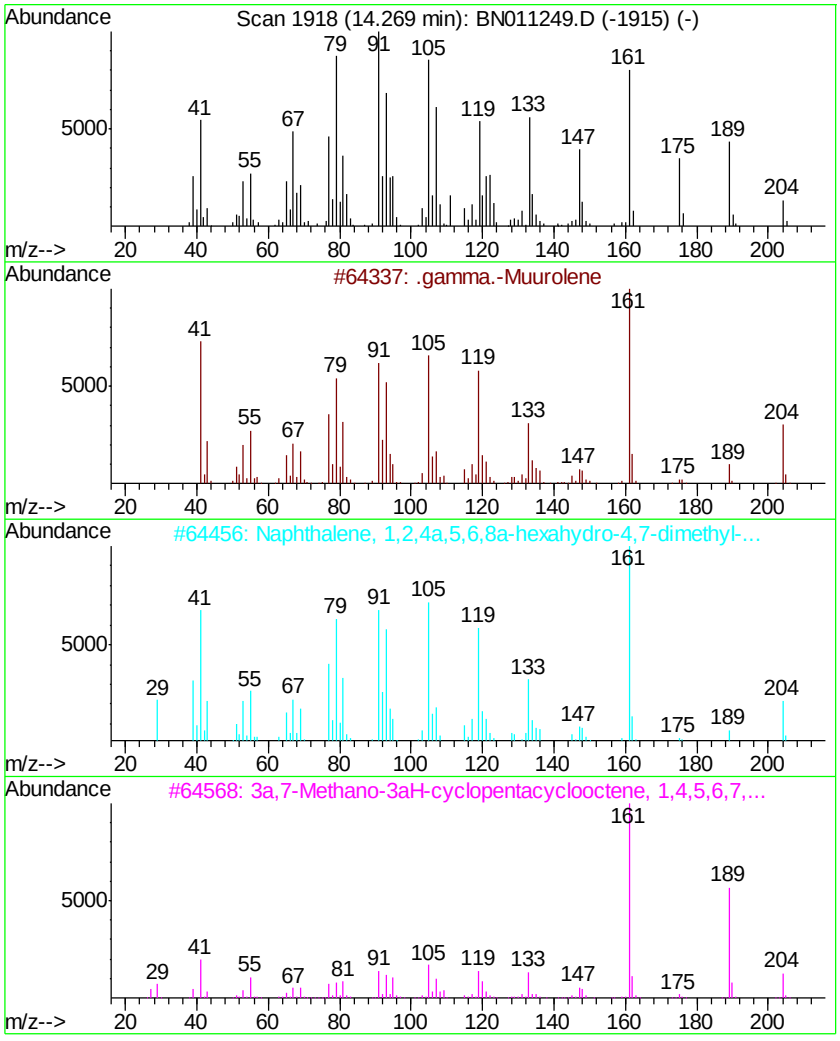
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

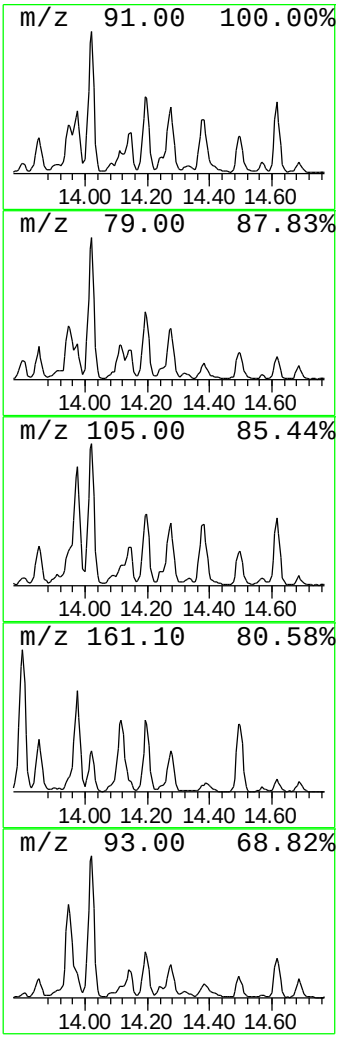
****

Peak Number 14 .gamma.-Muurolene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	6.08 ng/ul	1136680	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Muurolene	204	C15H24	030021-74-0	95
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	83
3	3a,7-Methano-3aH-cyclopentacyclo...	204	C15H24	000469-92-1	64
4	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	62
5	Guaia-1(10),11-diene	204	C15H24	1000374-19-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

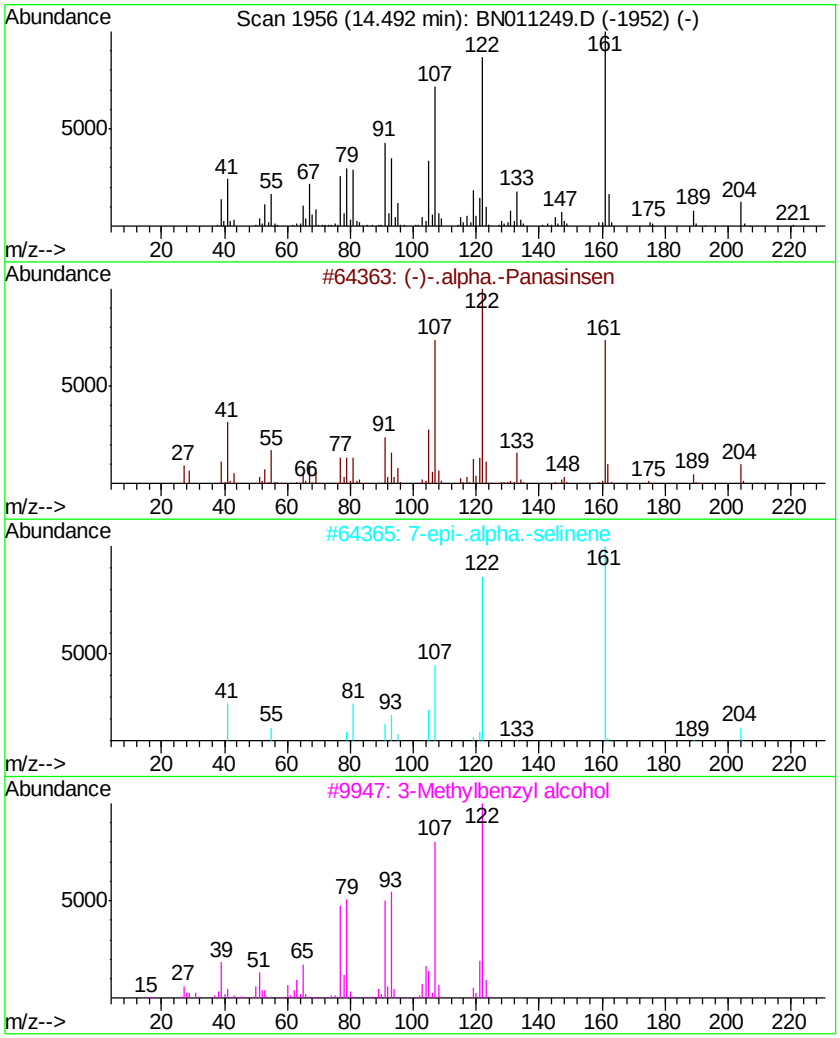
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

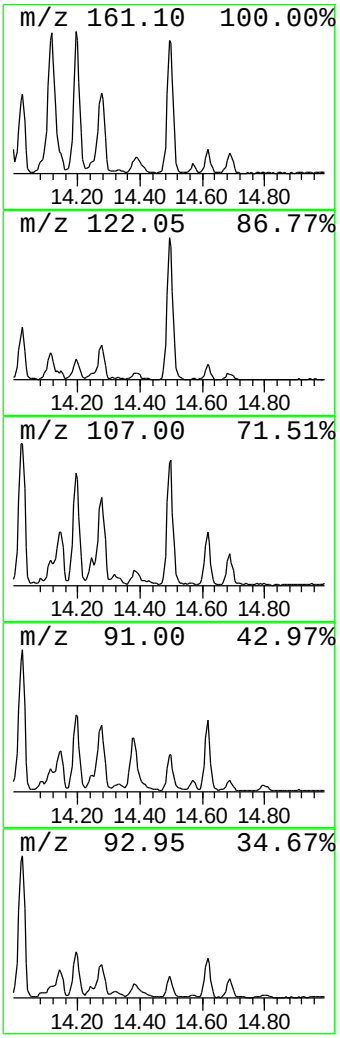
****

Peak Number 15 (-)-.alpha.-Panasinsen Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.71 ng/ul	882021	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-.alpha.-Panasinsen	204	C15H24	056633-28-4	96
2	7-epi-.alpha.-selinene	204	C15H24	1000365-93-4	81
3	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	70
4	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	55
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	50





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

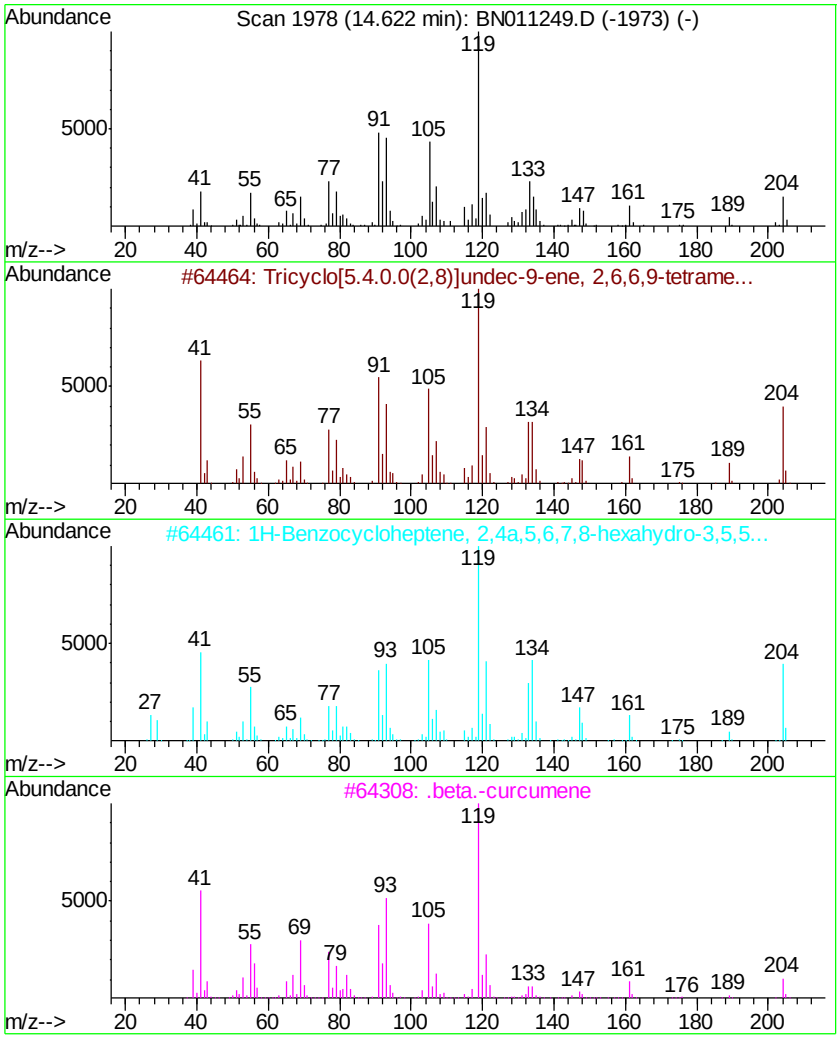
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

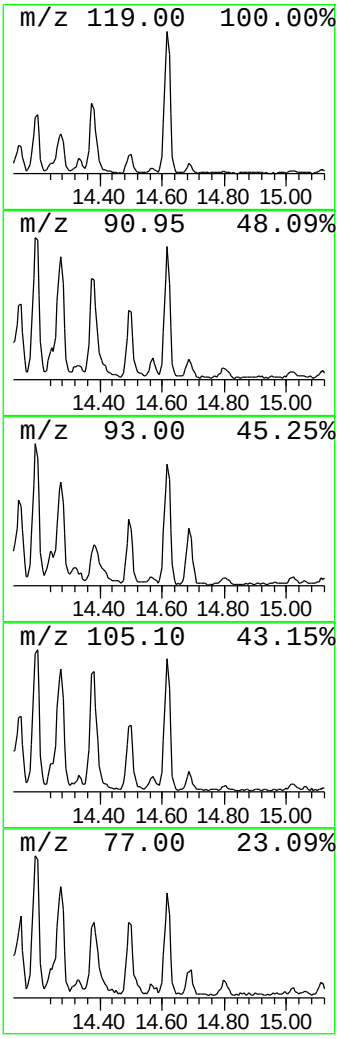
****

Peak Number 16 Tricyclo[5.4.0.0(2,8)]undec... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.18 ng/ul	969719	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	90
2	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	74
3	.beta.-curcumene	204	C15H24	1000374-17-4	70
4	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	70
5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

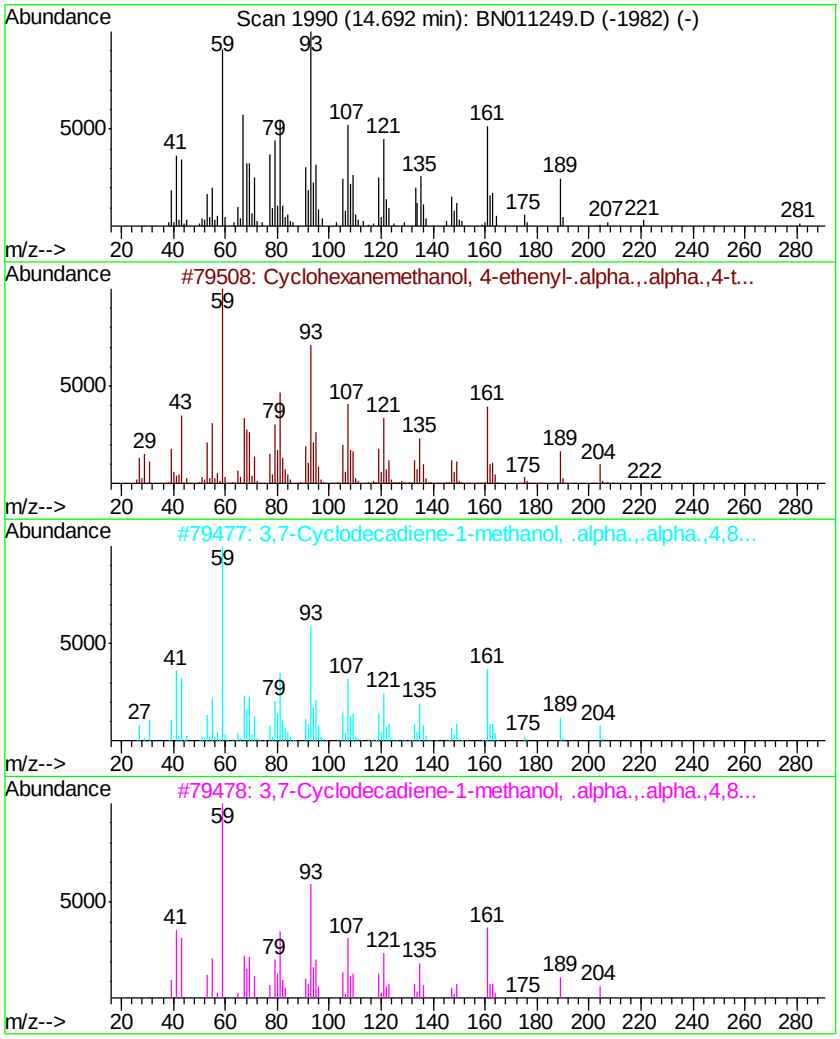
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

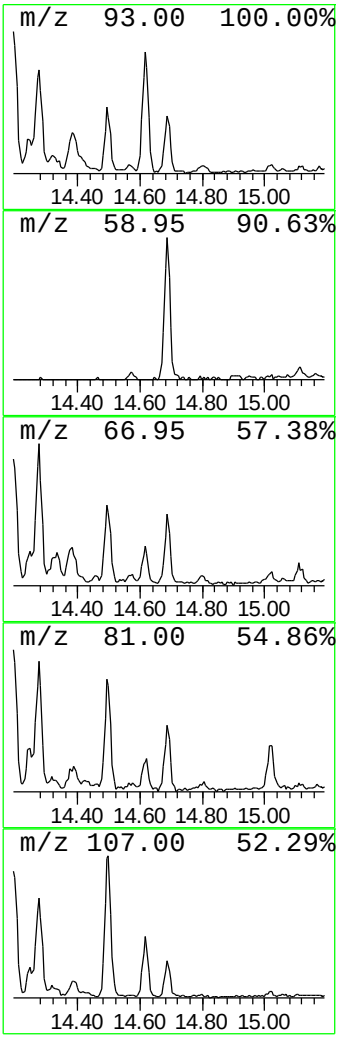
****

Peak Number 17 Cyclohexanemethanol, 4-ethe... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.14 ng/ul	400271	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-ethenyl-....	222	C15H26O	000639-99-6	87
2	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	78
3	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	78
4	Cyclohexanemethanol, 4-ethenyl-....	222	C15H26O	000639-99-6	76
5	Cyclohexanemethanol, 4-ethenyl-....	222	C15H26O	000639-99-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

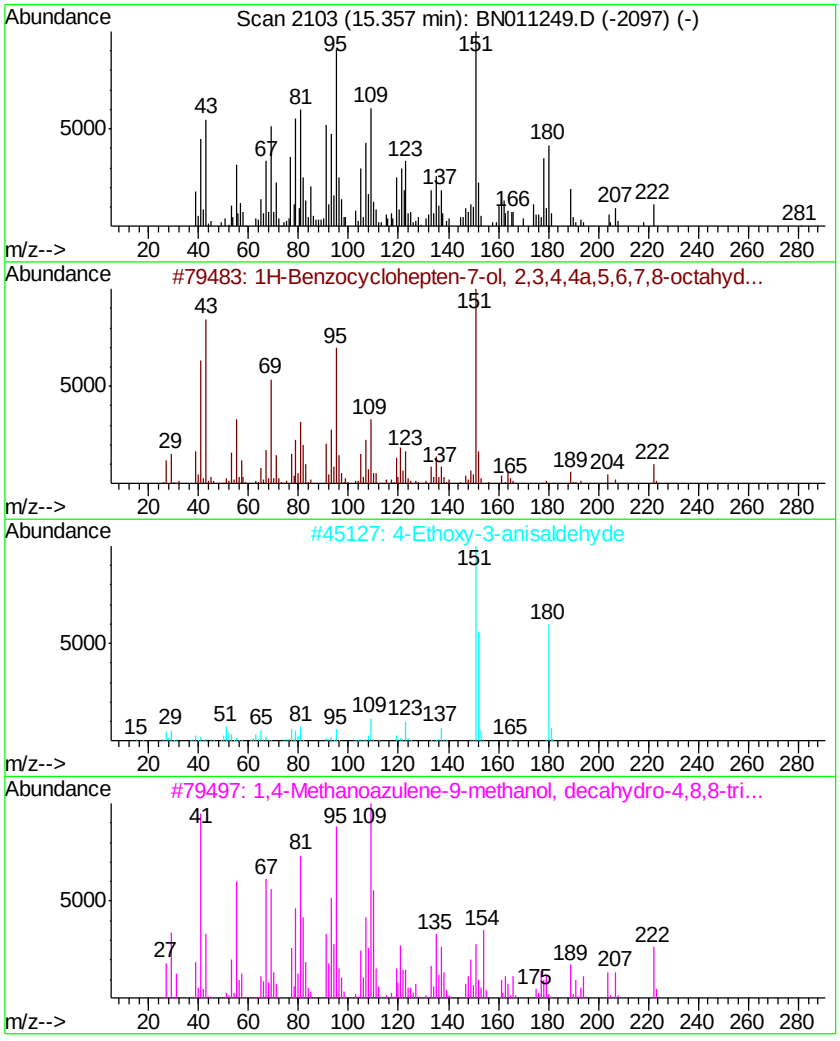
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

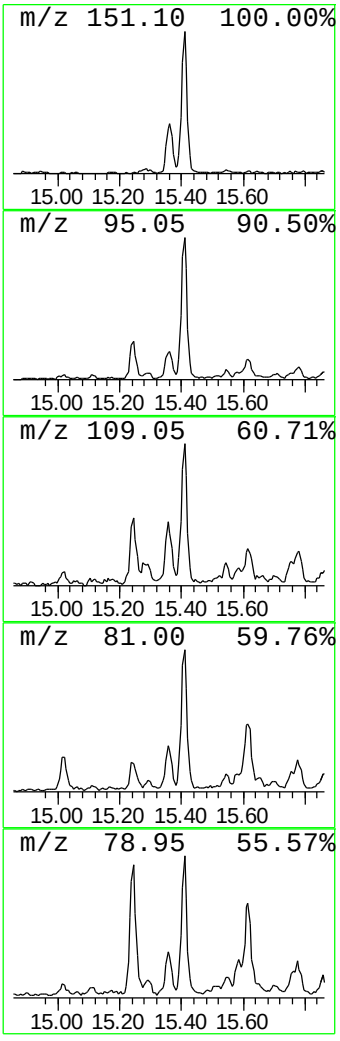
****

Peak Number 18 1H-Benzocyclohepten-7-ol, 2... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.60 ng/ul	485568	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	53
2	4-Ethoxy-3-anisaldehyde	180	C10H12O3	000120-25-2	49
3	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	48
4	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	43
5	2-Ethoxy-4-anisaldehyde	180	C10H12O3	042924-37-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

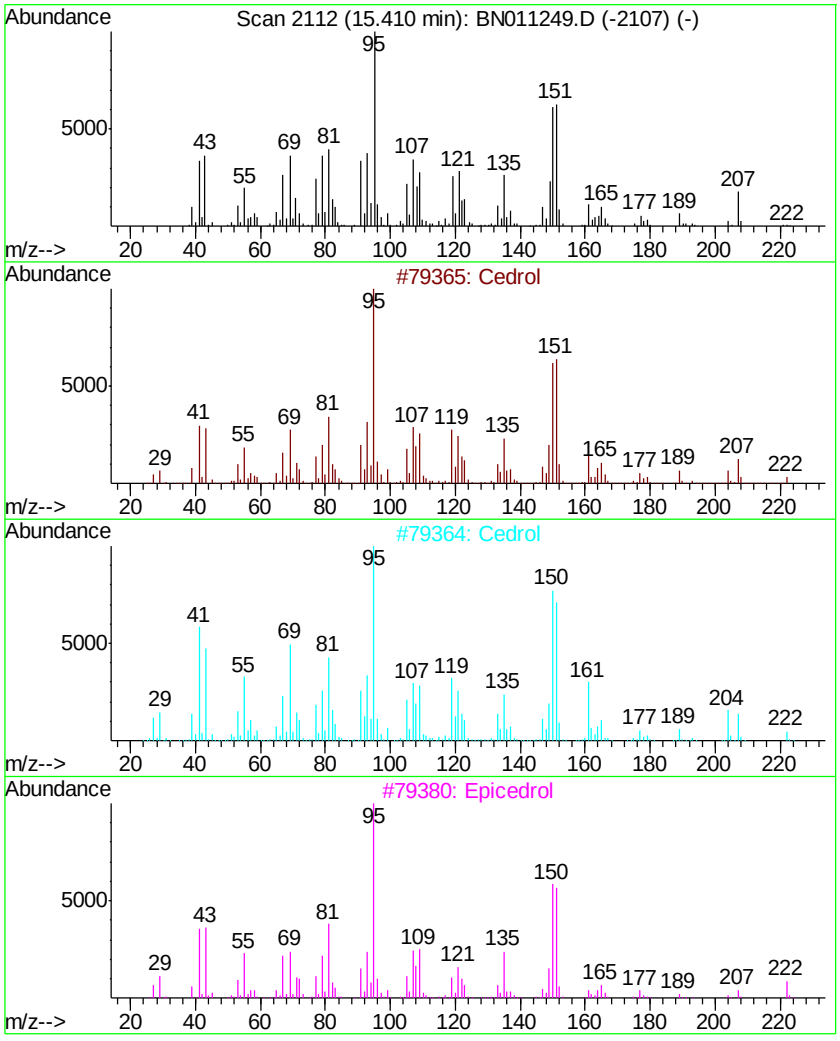
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

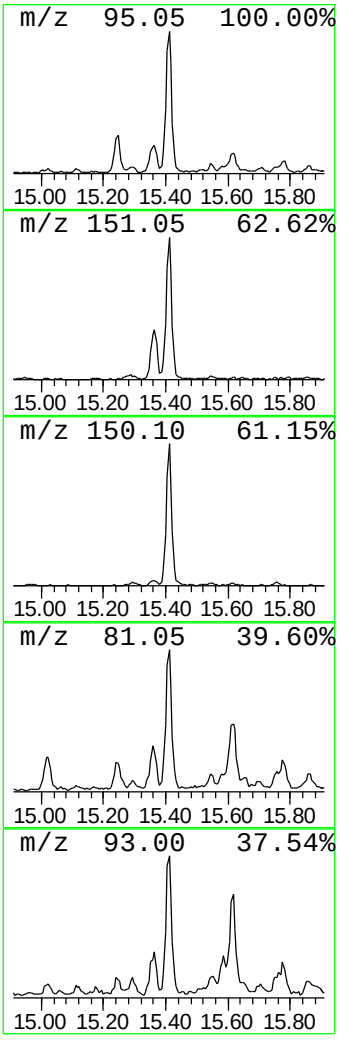
****

Peak Number 19 Cedrol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	6.69 ng/ul	1252250	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	91
2	Cedrol	222	C15H26O	000077-53-2	86
3	Epicedrol	222	C15H26O	1000156-22-8	86
4	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	78
5	Cedrol	222	C15H26O	000077-53-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

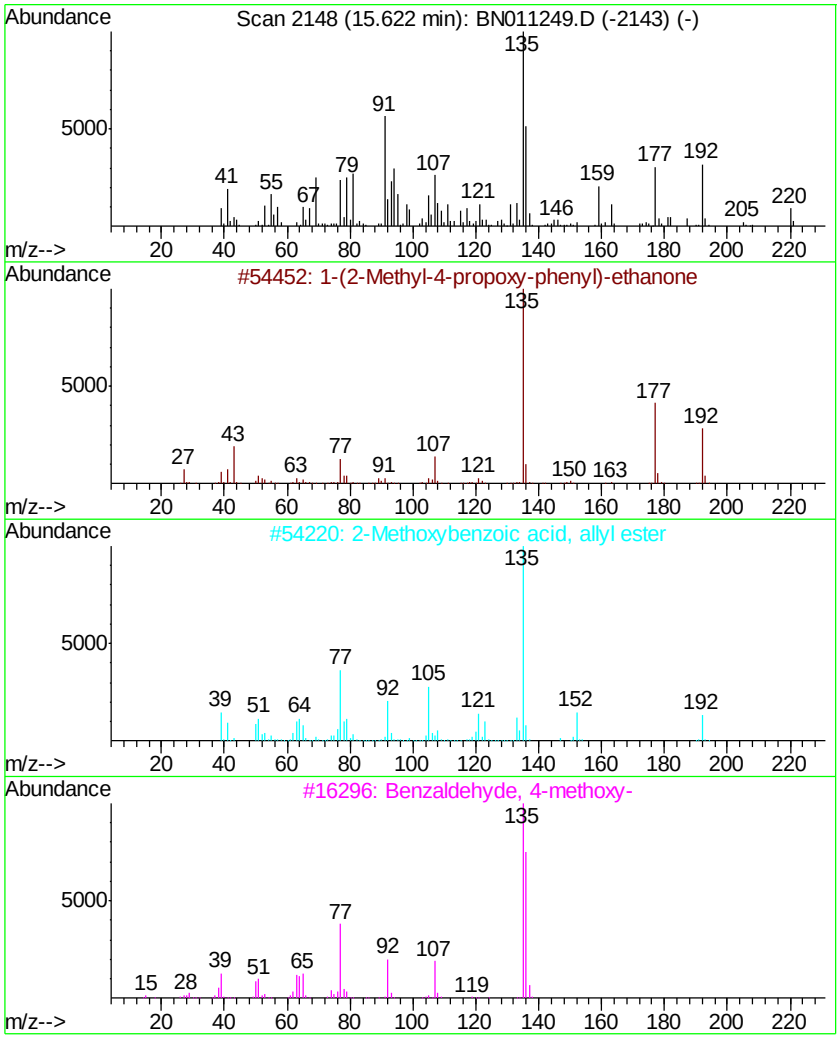
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

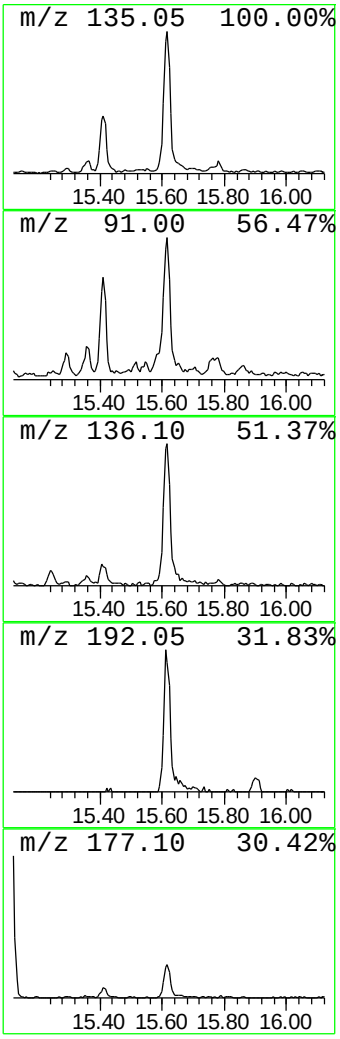
****

Peak Number 20 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	5.14 ng/ul	1044510	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methyl-4-propoxy-phenyl)-et...	192	C12H16O2	1000187-58-2	46
2	2-Methoxybenzoic acid, allyl ester	192	C11H12O3	031994-79-3	46
3	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	43
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	43
5	Tricyclo[6.3.0.0(1,5)]undecan-4-...	192	C13H20O	1000153-99-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

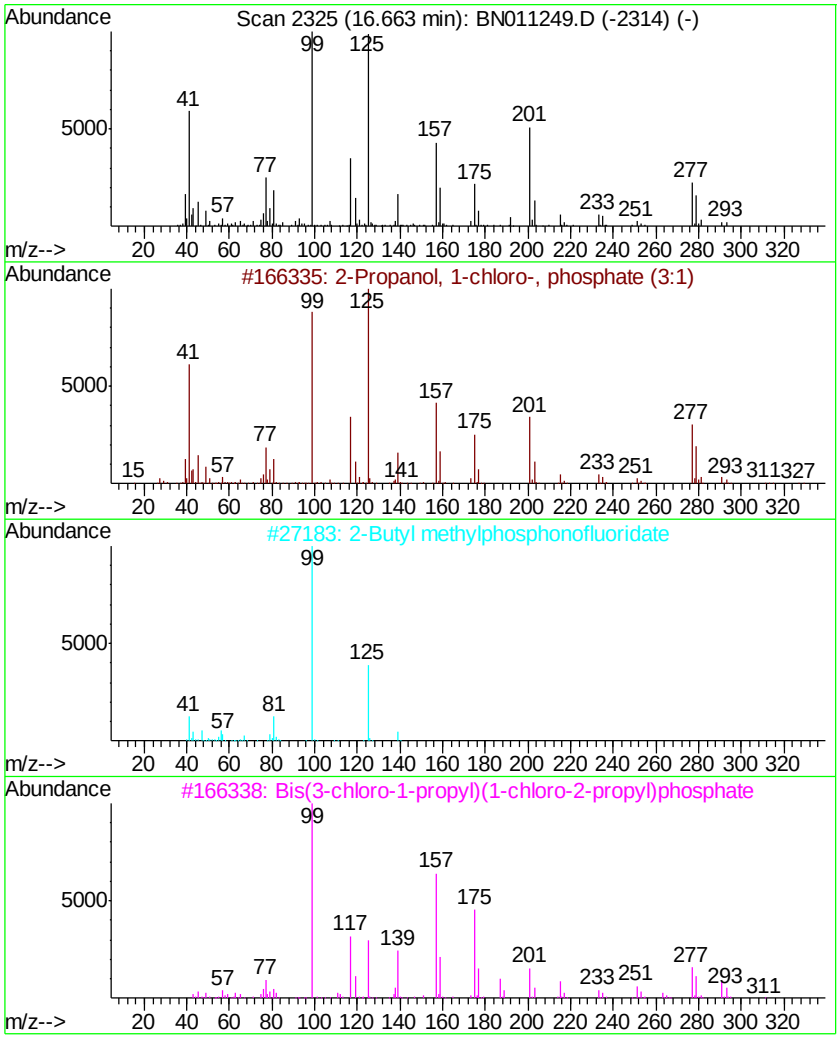
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

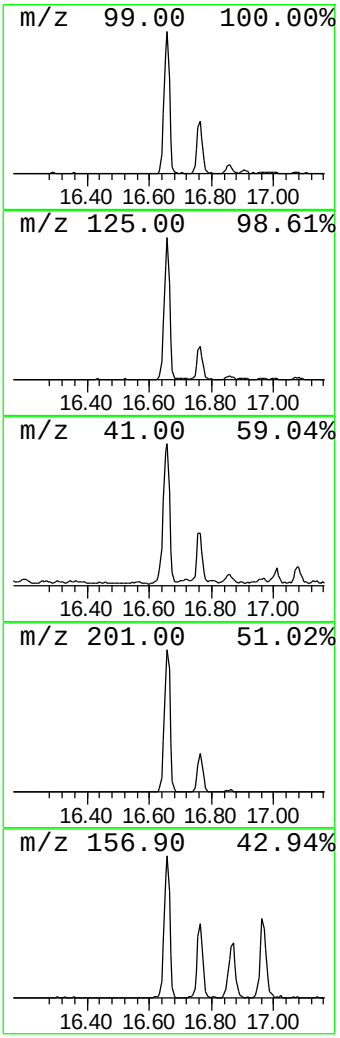
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-Propanol, 1-chloro-, phos... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	6.12 ng/ul	1243380	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87
2	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	32
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	28
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	27
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	12





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

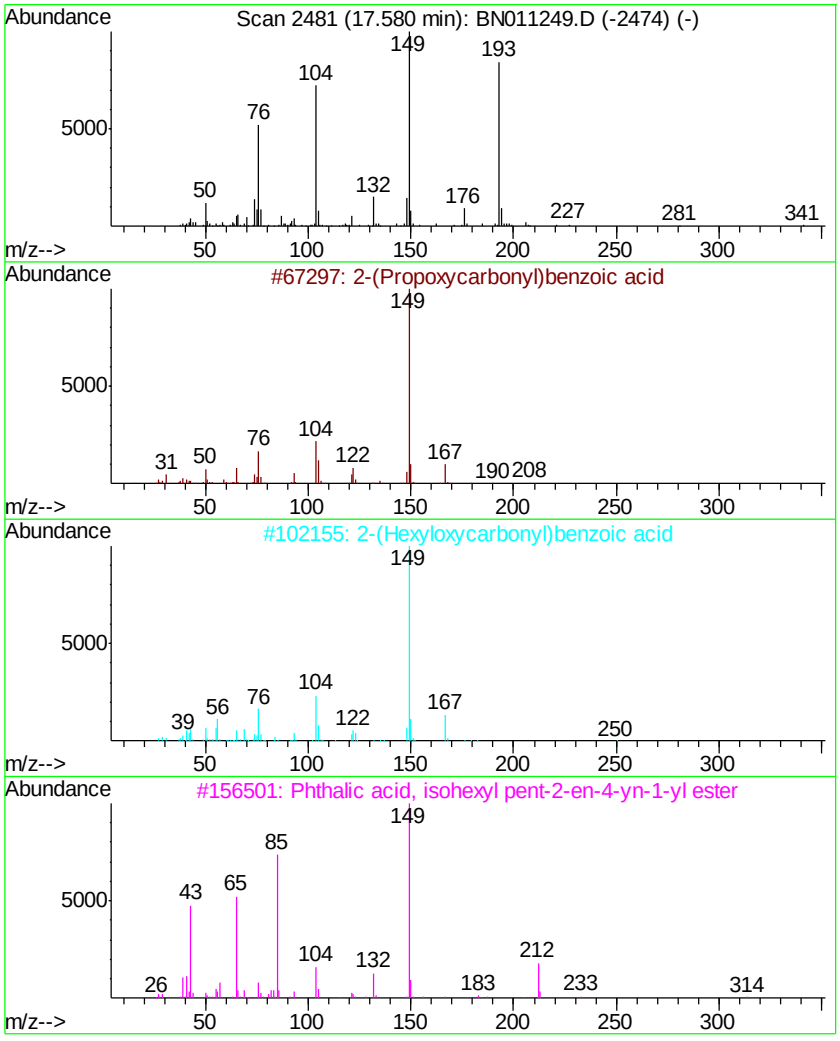
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

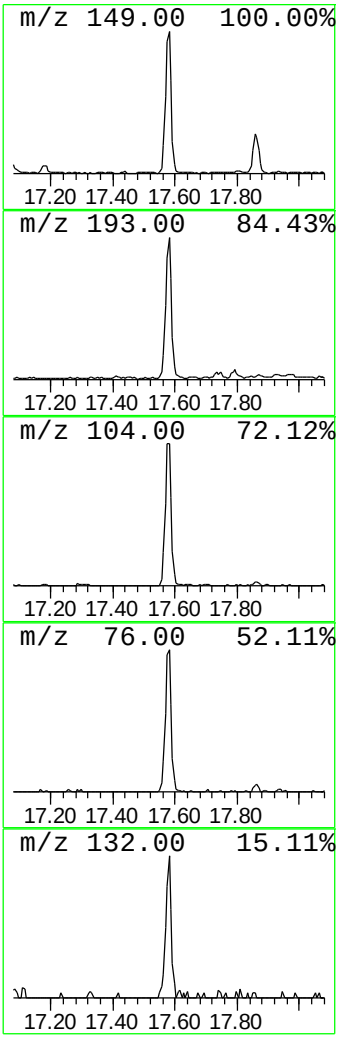
****

Peak Number 22 unknown-02 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	2.10 ng/ul	425748	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Propoxycarbonyl)benzoic acid	208	C11H12O4	1000373-63-1	25
2	2-(Hexyloxycarbonyl)benzoic acid	250	C14H18O4	1000373-63-0	22
3	Phthalic acid, isohexyl pent-2-e...	314	C19H22O4	1000315-45-7	22
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	18
5	Phthalic anhydride	148	C8H4O3	000085-44-9	18





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

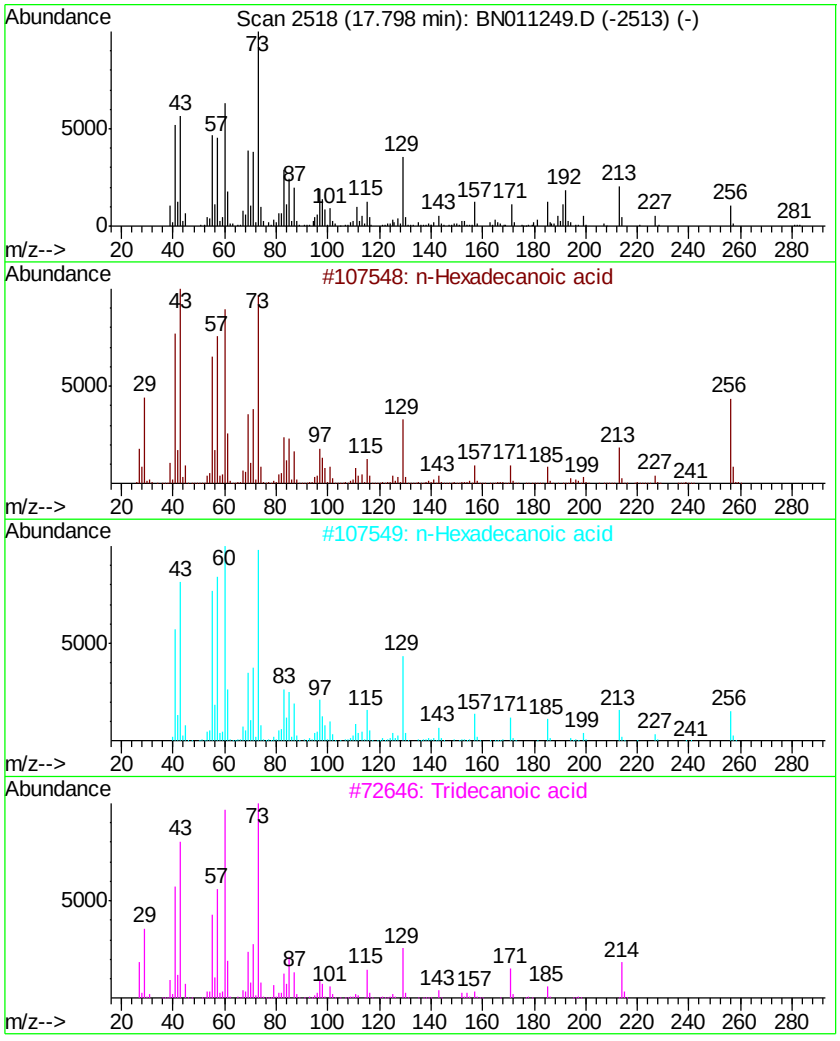
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

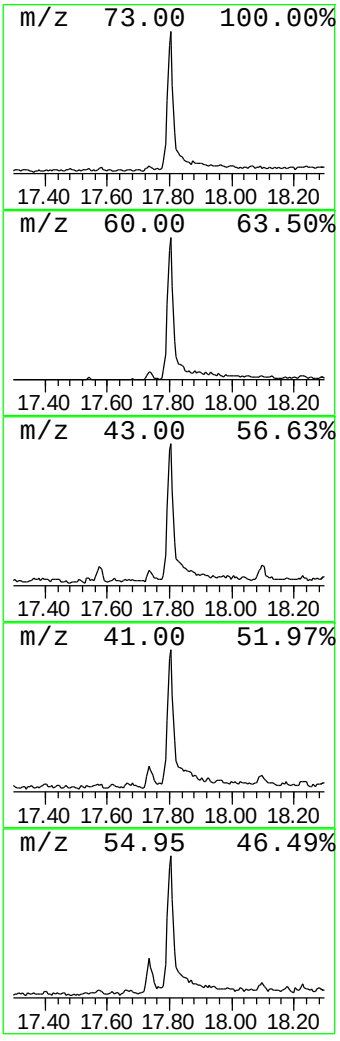
****

Peak Number 23 n-Hexadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	4.79 ng/ul	973633	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

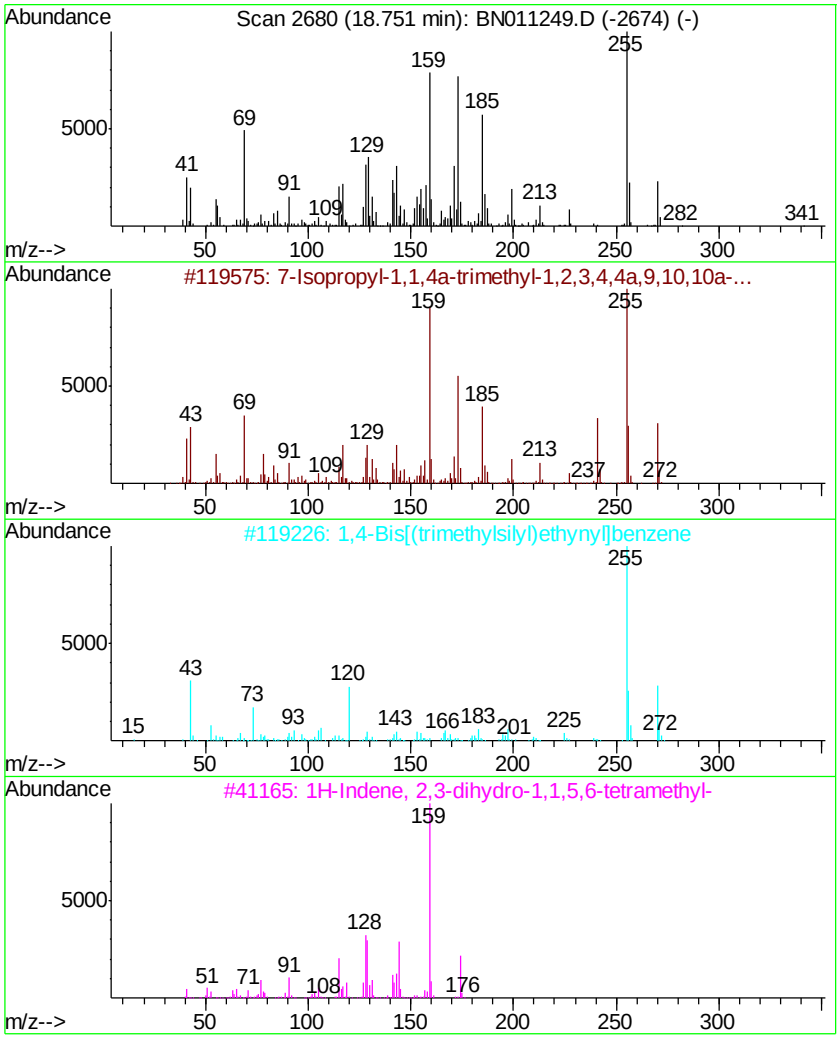
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

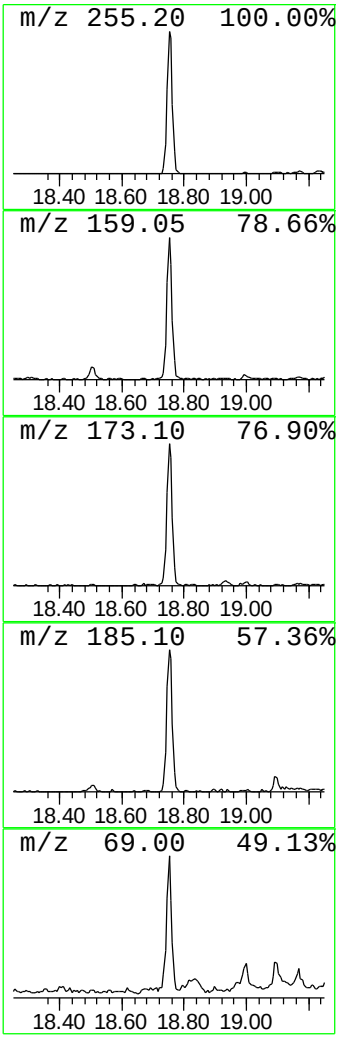
****

Peak Number 24 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	5.04 ng/ul	1023640	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	68
2	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	18
3	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	15
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	15
5	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	15





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

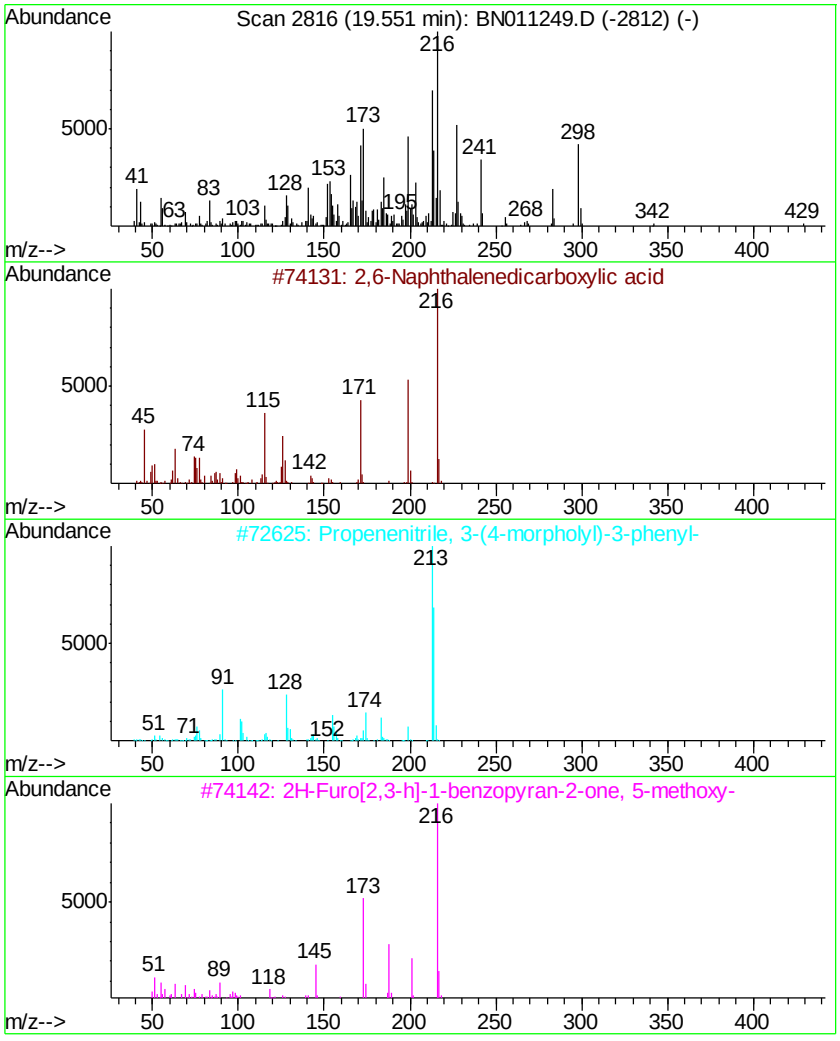
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

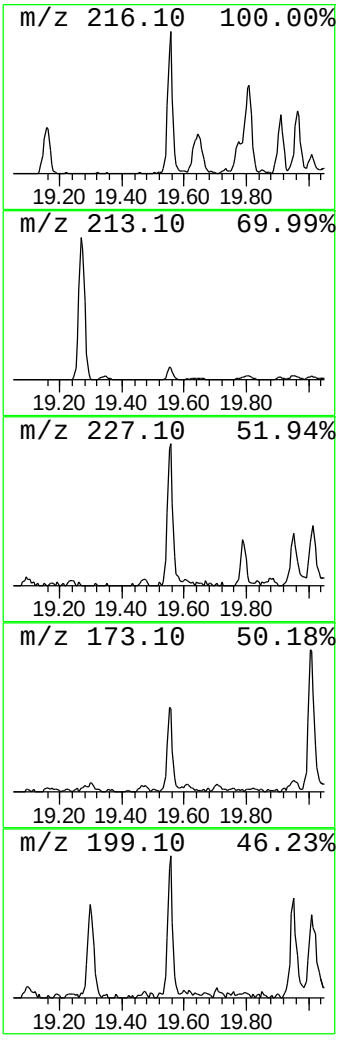
****

Peak Number 25 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.18 ng/ul	523791	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedicarboxylic acid	216	C12H8O4	001141-38-4	30
2	Propenenitrile, 3-(4-morpholyl)-...	214	C13H14N2O	020842-95-9	25
3	2H-Furo[2,3-h]-1-benzopyran-2-on...	216	C12H8O4	000482-48-4	20
4	n-Octanoic acid,methyl(tetrameth...	242	C13H26O2Si	1000217-03-7	20
5	7H-Furo[3,2-g][1]benzopyran-7-on...	216	C12H8O4	000484-20-8	18





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

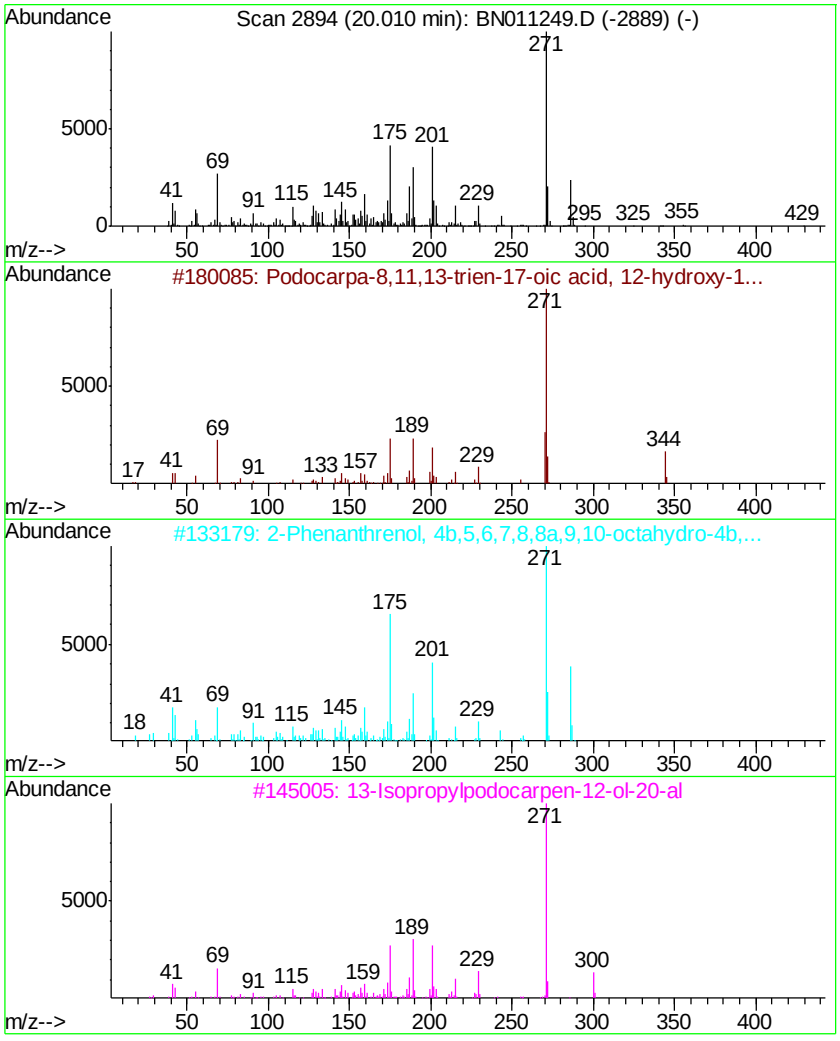
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

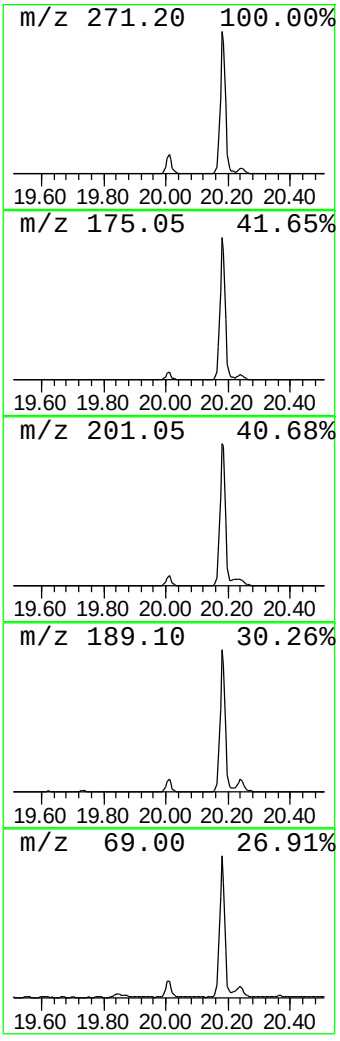
****

Peak Number 26 Podocarpa-8,11,13-trien-17-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	8.67 ng/ul	2082800	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	50
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	46
3	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	42
4	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	38
5	Crinan-3-ol,1,2-didehydro-(3.beta.-	271	C16H17NO3	000546-05-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

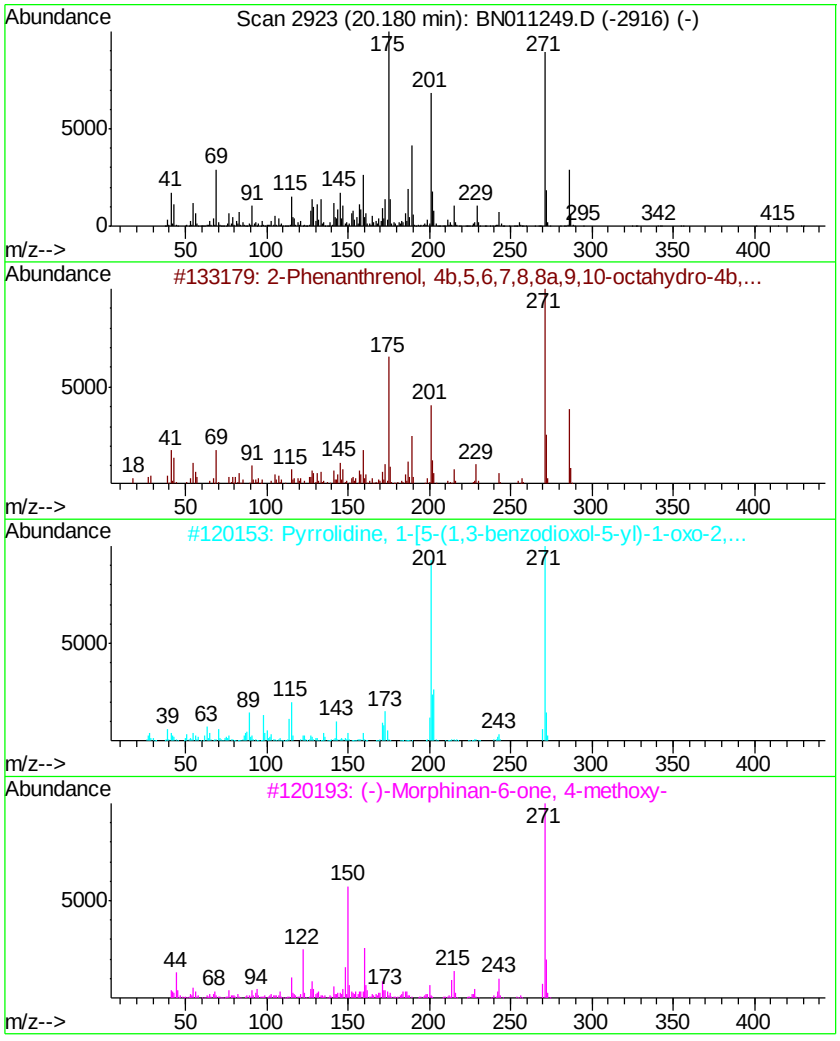
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

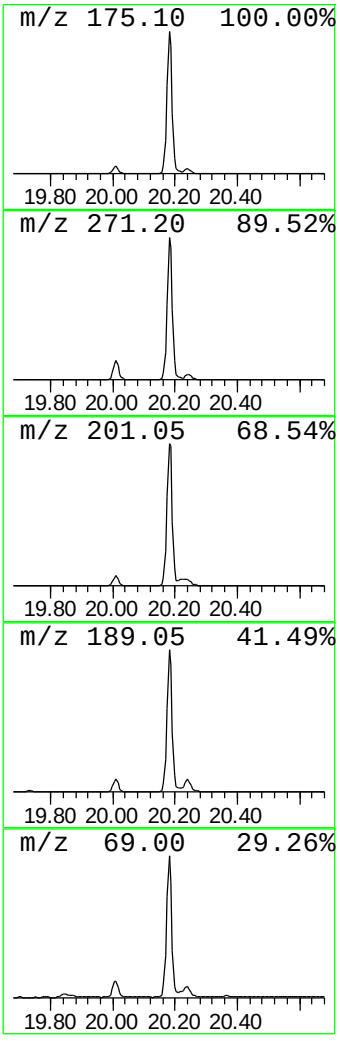
****

Peak Number 27 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	86.48 ng/ul	20767800	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	83
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	27
3	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	20
4	(+)-4-Methoxy-6-ketomorphinan	271	C17H21NO2	1000129-08-5	18
5	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	14





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

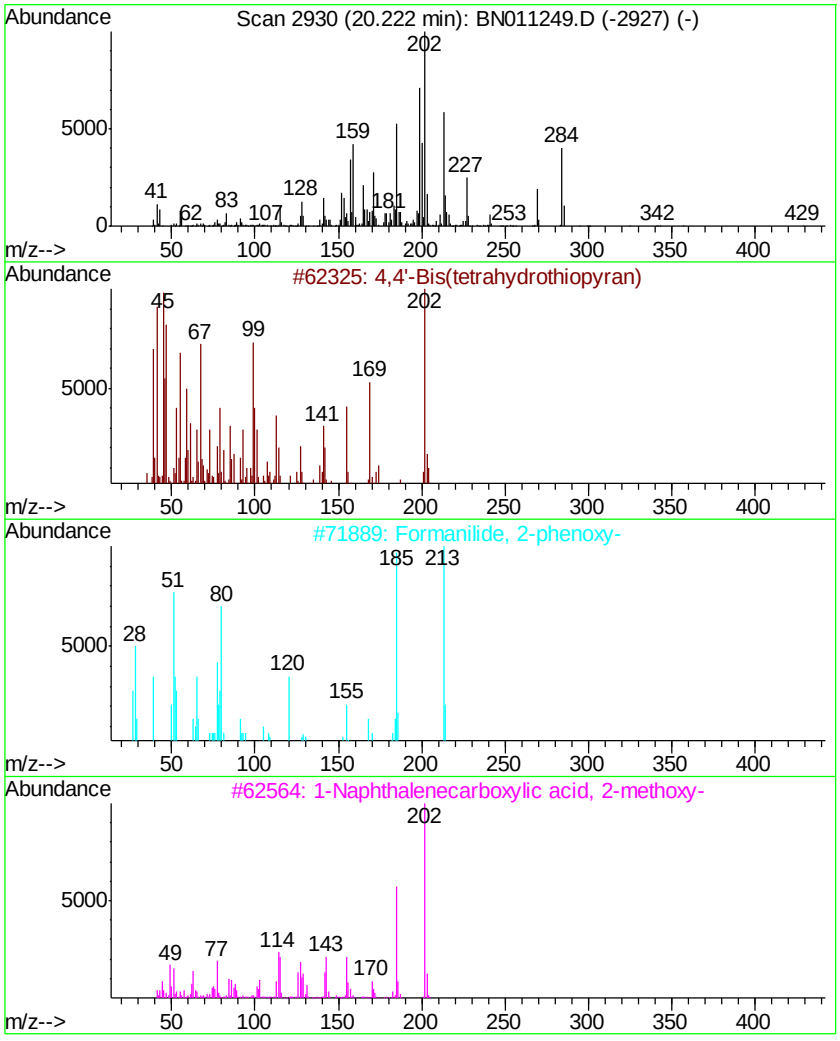
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

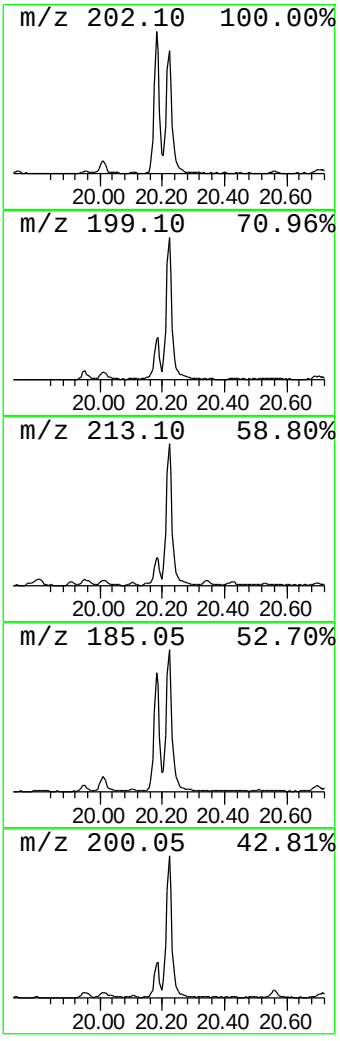
****

Peak Number 28 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	20.55 ng/ul	4935290	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2	Formanilide, 2-phenoxy-	213	C13H11NO2	002770-12-9	25
3	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	18
4	8-Hydroxy-naphthoic acid, methyl...	202	C12H10O3	005991-56-0	18
5	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

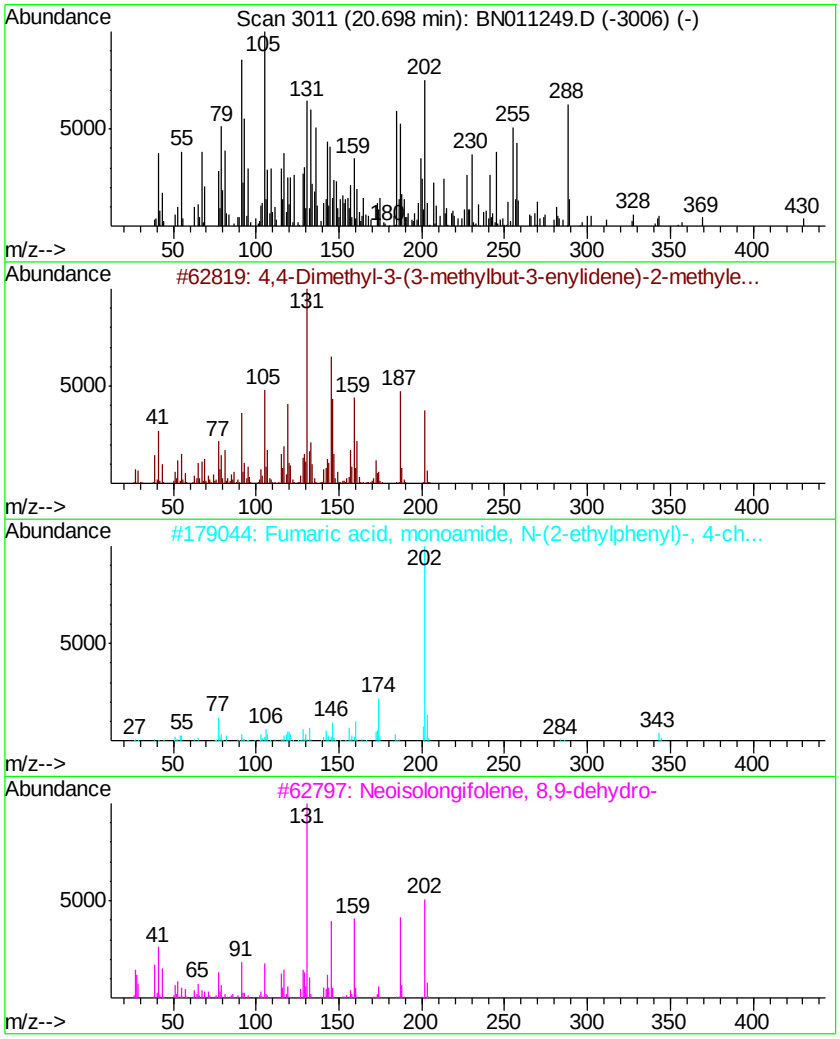
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

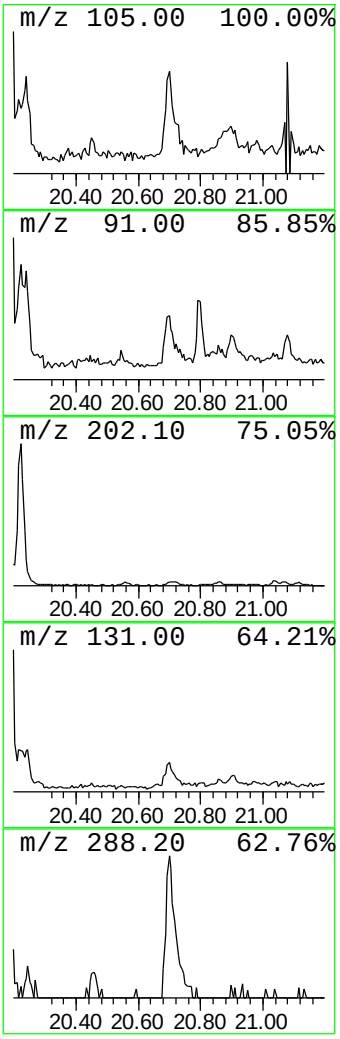
****

Peak Number 29 4,4-Dimethyl-3-(3-methylbut... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.28 ng/ul	546945	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethyl-3-(3-methylbut-3-en...	202	C15H22	079718-83-5	56
2	Fumaric acid, monoamide, N-(2-et...	343	C19H18ClNO3	1000357-47-4	44
3	Neoisolongifolene, 8,9-dehydro-	202	C15H22	067517-14-0	25
4	Benzene, 1-(5,5-dimethyl-1-cyclo...	202	C14H18O	039877-93-5	25
5	1(2H)-Naphthalenone, 7-(1,1-dime...	202	C14H18O	022583-68-2	20





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

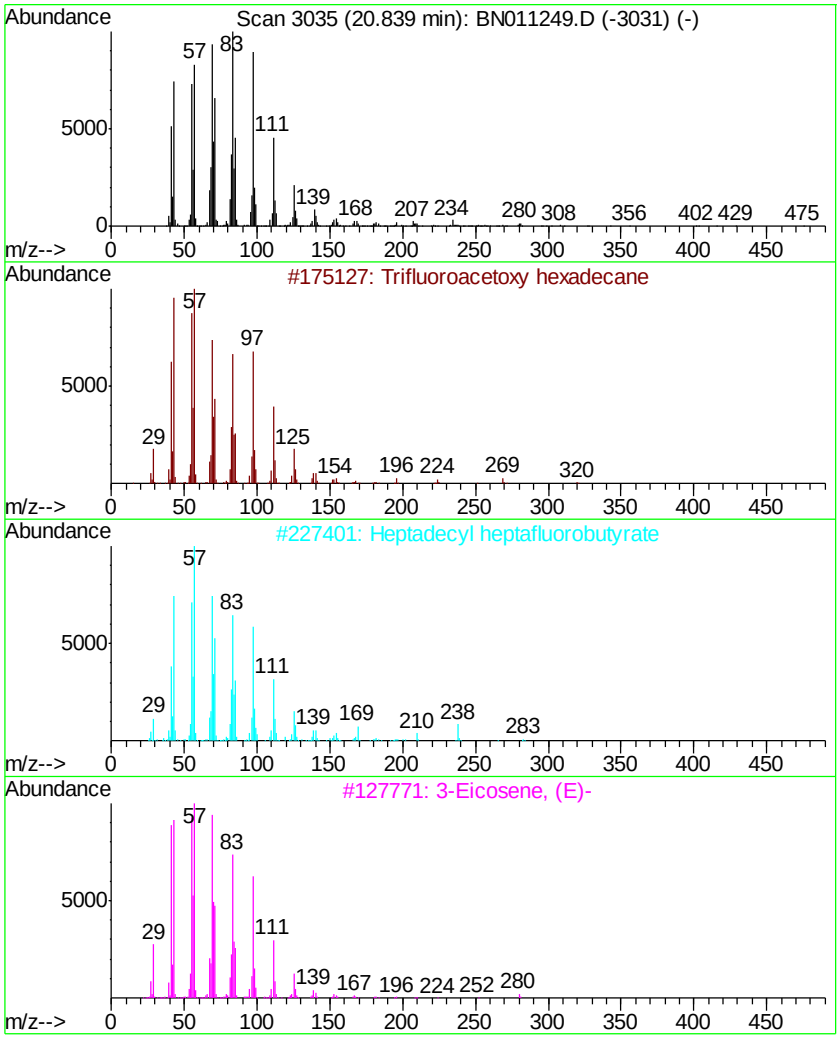
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

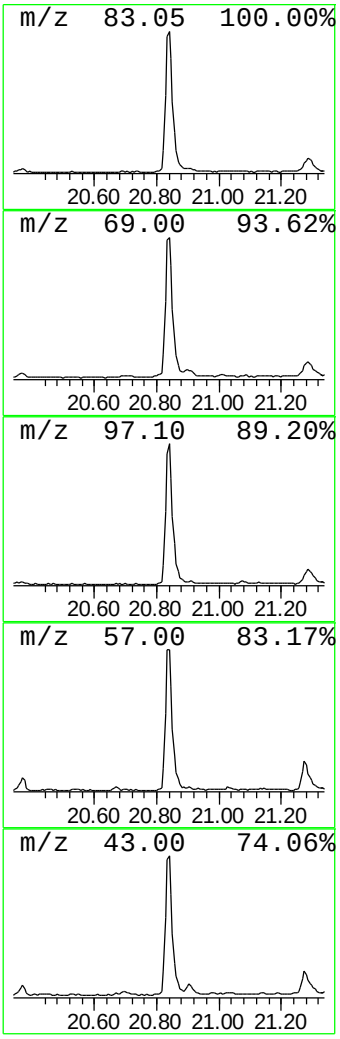
****

Peak Number 30 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	16.28 ng/ul	3909810	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

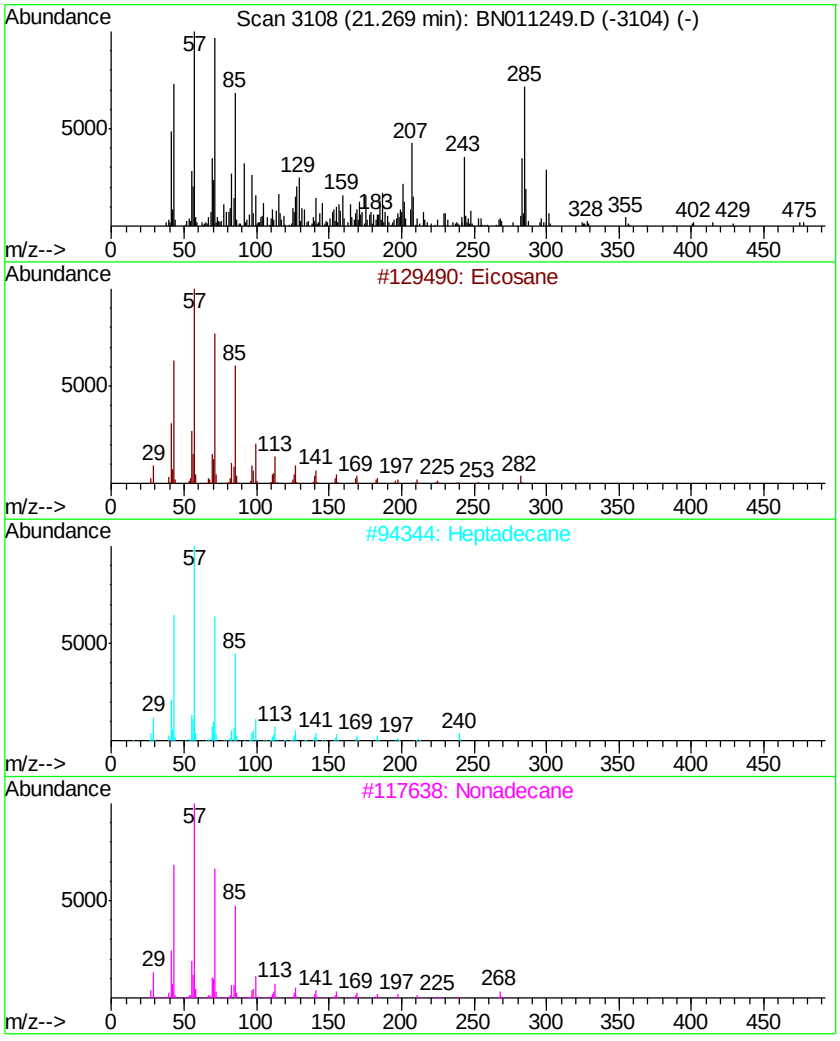
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

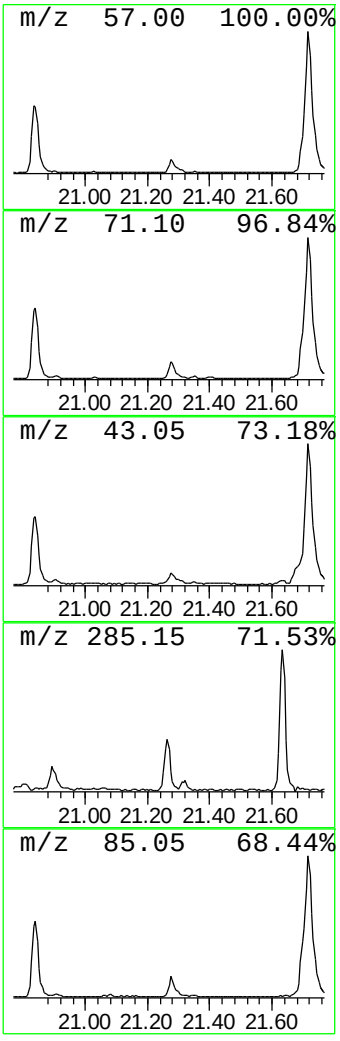
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.65 ng/ul	876051	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane	240	C17H36	000629-78-7	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

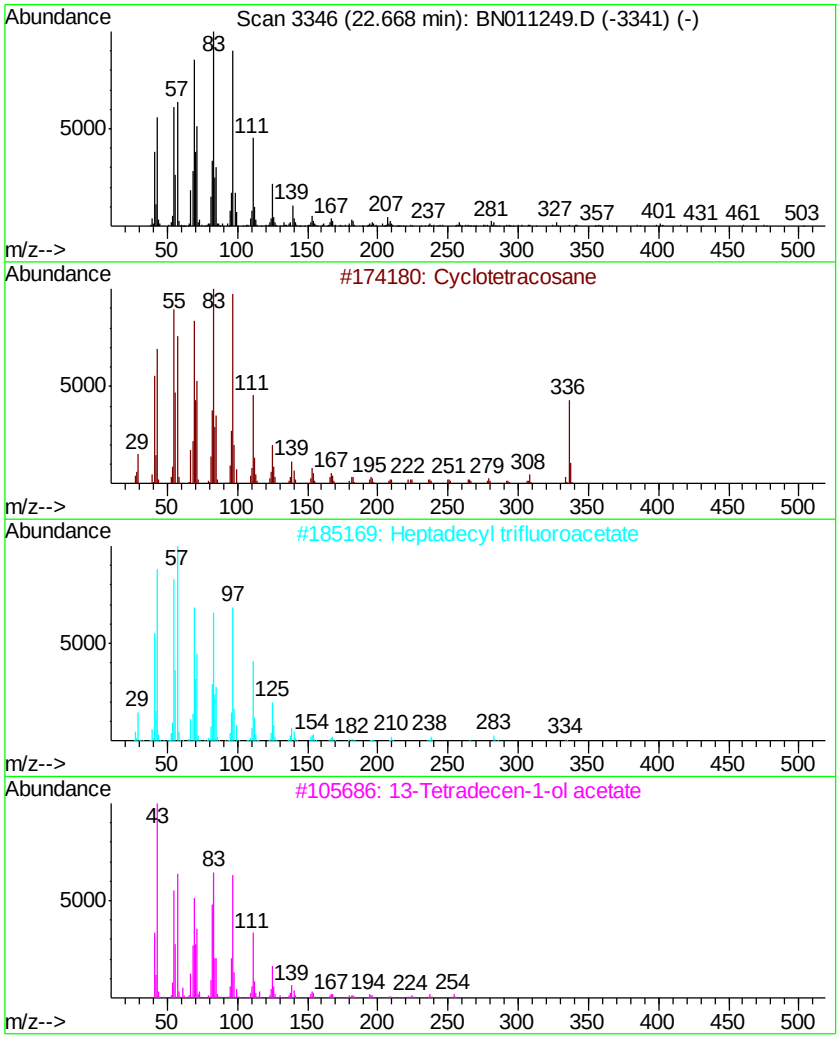
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

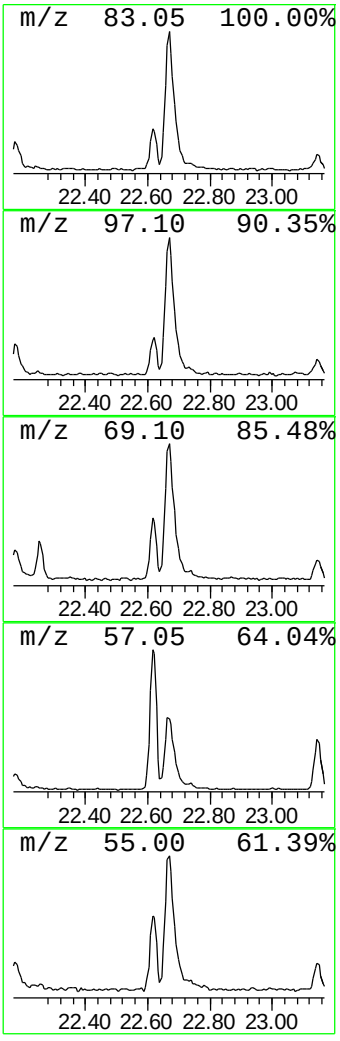
****

Peak Number 36 (DEL) Alkane: Cyclic22.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	13.32 ng/ul	2354390	Perylene-d12	23.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	72
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	72
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	68
5	1-Heptacosanol	396	C27H56O	002004-39-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

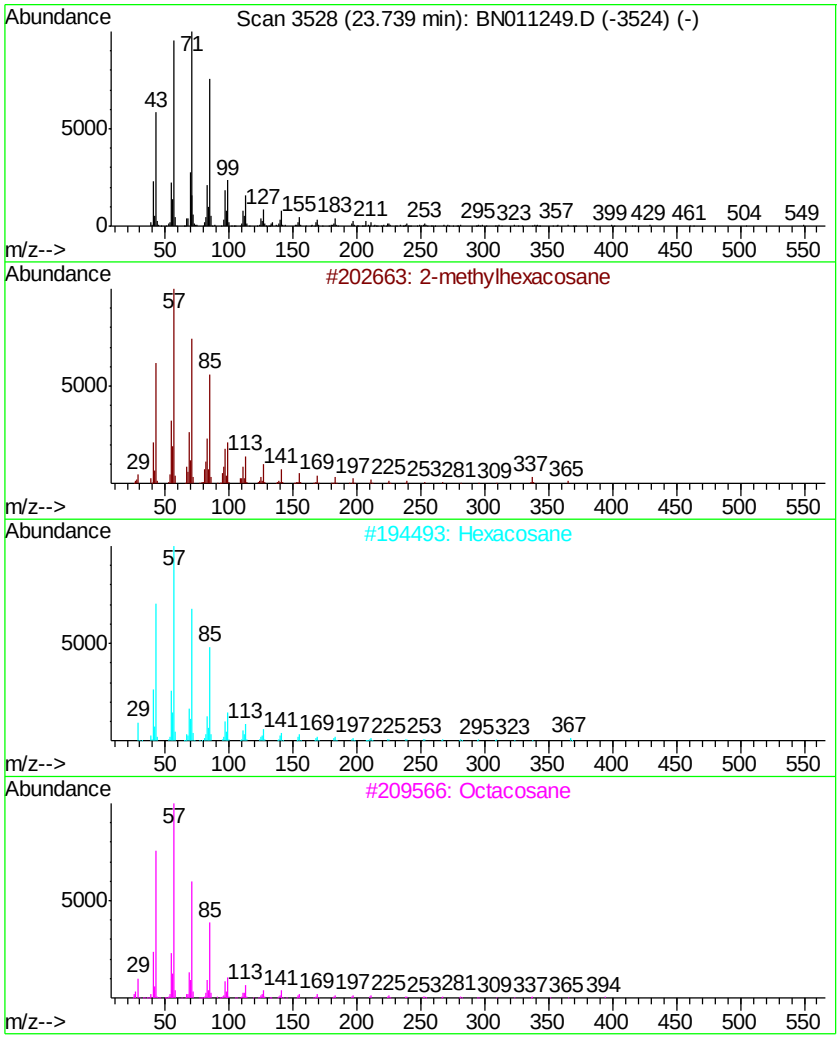
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

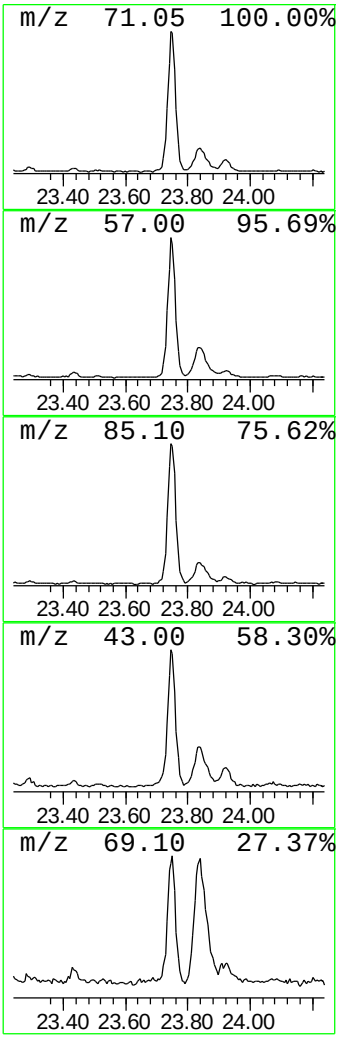
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	10.99 ng/ul	1942100	Perylene-d12	23.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methylhexacosane	380	C27H56	1000376-72-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072420\
Data File : BN011249.D
Acq On : 24 Jul 2020 19:17
Operator : CG/JU
Sample : L3388-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
D-Limonene	7.70	2.9	ng/ul	228918	1	7.48	1583450	20.0
1H-Cyclopropa[a]n...	12.90	4.1	ng/ul	763035	3	14.11	3741590	20.0
1,4-Methano-1H-in...	13.12	3.4	ng/ul	643380	3	14.11	3741590	20.0
Biphenylene, 1,2,...	13.26	6.1	ng/ul	1133370	3	14.11	3741590	20.0
.beta.-curcumene	13.29	4.7	ng/ul	869113	3	14.11	3741590	20.0
Longifolene	13.38	25.4	ng/ul	4747430	3	14.11	3741590	20.0
Naphthalene, 1,2,...	13.43	3.9	ng/ul	724603	3	14.11	3741590	20.0
cis-Thujopsene	13.63	13.4	ng/ul	2515360	3	14.11	3741590	20.0
Bicyclo[4.4.0]dec...	13.85	2.6	ng/ul	481955	3	14.11	3741590	20.0
Cyclohexene, 1-me...	13.95	6.8	ng/ul	1272010	3	14.11	3741590	20.0
1,6-Cyclodecadien...	13.97	3.9	ng/ul	730389	3	14.11	3741590	20.0
Bicyclo[3.1.1]hep...	14.02	13.9	ng/ul	2590530	3	14.11	3741590	20.0
Naphthalene, 1,2,...	14.19	7.7	ng/ul	1434640	3	14.11	3741590	20.0
.gamma.-Muurolene	14.27	6.1	ng/ul	1136680	3	14.11	3741590	20.0
(-)-.alpha.-Panas...	14.49	4.7	ng/ul	882021	3	14.11	3741590	20.0
Tricyclo[5.4.0.0(...	14.62	5.2	ng/ul	969719	3	14.11	3741590	20.0
Cyclohexanemethan...	14.69	2.1	ng/ul	400271	3	14.11	3741590	20.0
1H-Benzocycloheptl...	15.36	2.6	ng/ul	485568	3	14.11	3741590	20.0
Cedrol	15.41	6.7	ng/ul	1252250	3	14.11	3741590	20.0
unknown-01	15.62	5.1	ng/ul	1044510	4	16.87	4063810	20.0
2-Propanol, 1-chl...	16.66	6.1	ng/ul	1243380	4	16.87	4063810	20.0
unknown-02	17.58	2.1	ng/ul	425748	4	16.87	4063810	20.0
n-Hexadecanoic acid	17.80	4.8	ng/ul	973633	4	16.87	4063810	20.0
7-Isopropyl-1,1,4...	18.75	5.0	ng/ul	1023640	4	16.87	4063810	20.0
unknown-03	19.55	2.2	ng/ul	523791	5	21.08	4802960	20.0
Podocarpa-8,11,13...	20.01	8.7	ng/ul	2082800	5	21.08	4802960	20.0
2-Phenanthrenol, ...	20.18	86.5	ng/ul	20767800	5	21.08	4802960	20.0
4,4'-Bis(tetrahyd...	20.22	20.6	ng/ul	4935290	5	21.08	4802960	20.0
4,4-Dimethyl-3-(3...	20.70	2.3	ng/ul	546945	5	21.08	4802960	20.0
Trifluoroacetoxy ...	20.84	16.3	ng/ul	3909810	5	21.08	4802960	20.0
(DEL) Alkane: Str...	21.27	3.6	ng/ul	876051	5	21.08	4802960	20.0
(DEL) Alkane: Cyc...	22.67	13.3	ng/ul	2354390	6	23.21	3534640	20.0
(DEL) Alkane: Str...	23.74	11.0	ng/ul	1942100	6	23.21	3534640	20.0