LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

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-BN060419MA.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	3.152	24	28	39	rVB	58987	87248	1.68%	0.102%
2	3.664	111	115	122	rVB	40373	55990	1.08%	0.065%
3	3.781	130	135	142	rVB	97756	137593	2.65%	0.160%
4	4.770	298	303	312	rVB	113096	155638	3.00%	0.182%
5	6.334	560	569	579	rVB	248265	372101	7.16%	0.434%
6	6.640	616	621	625	rVV5	19053	33352	0.64%	0.039%
7	6.817	640	651	664	rBV	778703	1422434	27.38%	1.659%
8	6.981	671	679	691	rBV	637867	1045191	20.12%	1.219%
9	7.087	691	697	703	rVB	44486	75130	1.45%	0.088%
10	7.175	706	712	725	rBV	808306	1316499	25.34%	1.536%
11	7.646	785	792	809	rBV	1326377	2180048	41.96%	2.543%
12	7.864	823	829	836	rVV	105425	159291	3.07%	0.186%
13	8.352	905	912	927	rBV	711076	1213080	23.35%	1.415%
14	8.469	927	932	938	rVV2	20457	39466	0.76%	0.046%
15	8.799	980	988	1001	rBV	762120	1291890	24.87%	1.507%
16	9.222	1052	1060	1065	rBV	26728	42087	0.81%	0.049%
17	9.516	1101	1110	1125	rBV	598032	1057647	20.36%	1.234%
18	9.740	1143	1148	1160	rVV10	27660	62063	1.19%	0.072%
19	10.052	1192	1201	1214	rBV	920780	1605900	30.91%	1.873%
20	10.428	1258	1265	1273	rBV	1986390	3317987	63.86%	3.870%
21	10.569	1279	1289	1302	rBV	317843	652458	12.56%	0.761%
22	13.563	1792	1798	1803	rBV	218764	305556	5.88%	0.356%
23	13.710	1817	1823	1827	rVV	1785282	2320475	44.66%	2.707%
24	13.757	1827	1831	1841	rVB	346952	492062	9.47%	0.574%
25	13.987	1860	1870	1887	rBV	1861177	2891117	55.65%	3.372%
26	14.298	1914	1923	1931	rBV2	2705396	4157555	80.02%	4.849%
27	14.363	1931	1934	1937	rVV4	25454	40627	0.78%	0.047%
28	14.398	1937	1940	1945	rVB3	33428	43176	0.83%	0.050%
29	14.510	1953	1959	1976	rBV	372872	768675	14.80%	0.897%
30	14.663	1980	1985	1990	rVV3	48128	108351	2.09%	0.126%
31	14.728	1993	1996	2001	rVV5	34734	63656	1.23%	0.074%
32	15.298	2085	2093	2100	rBV	2482404	3395680	65.36%	3.961%
33	15.428	2109	2115	2126	rBV	472749	695898	13.39%	0.812%
34	15.540	2129	2134	2140	rVV4	34762	54818	1.06%	0.064%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

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-BN060419MA.M
Title : SVOA CALIBRATION

35	15.693	2155	2160	2168	rVB2	47961	79640	1.53%	0.093%
36	15.875	2186	2191	2196	rBV5	19767	34210	0.66%	0.040%
37	16.028	2214	2217	2222	rBV6	24046	36132	0.70%	0.042%
38	16.216	2236	2249	2253	rBV2	112891	206662	3.98%	0.241%
39	16.328	2263	2268	2272	rBV2	71850	105823	2.04%	0.123%
40	16.722	2330	2335	2340	rBV7	26896	49105	0.95%	0.057%
41	16.775	2340	2344	2348	rBV5	35359	48030	0.92%	0.056%
42	16.934	2366	2371	2377	rBV2	57807	83783	1.61%	0.098%
43	17.051	2382	2391	2396	rBV2	3069876	4503377	86.68%	5.253%
44	17.092	2396	2398	2403	rVV	322894	414647	7.98%	0.484%
45	17.151	2403	2408	2421	rVB	2203899	3274831	63.03%	3.820%
46	17.469	2458	2462	2471	rVB6	24306	52423	1.01%	0.061%
47	17.634	2488	2490	2497	rVB6	18778	33164	0.64%	0.039%
48	17.834	2521	2524	2531	rVB7	17139	40210	0.77%	0.047%
49	17.928	2535	2540	2542	rBV	49342	72293	1.39%	0.084%
50	17.957	2542	2545	2554	rVB3	150065	322305	6.20%	0.376%
51	18.057	2559	2562	2568	rVB4	49947	88599	1.71%	0.103%
52	18.122	2568	2573	2577	rBV3	80330	143797	2.77%	0.168%
53	18.163	2577	2580	2586	rVB3	54381	84772	1.63%	0.099%
54	18.228	2587	2591	2594	rBV4	54209	81285	1.56%	0.095%
55	18.292	2597	2602	2605	rBV6	46339	69859	1.34%	0.081%
56	18.404	2617	2621	2624	rBV3	47573	73502	1.41%	0.086%
57	18.481	2631	2634	2641	rVB8	54631	97593	1.88%	0.114%
58	18.551	2642	2646	2648	rBV	74722	94004	1.81%	0.110%
59	18.581	2648	2651	2655	rVV	369235	450247	8.67%	0.525%
60	18.681	2659	2668	2672	rVB3	134359	256546	4.94%	0.299%
61	18.728	2672	2676	2680	rBV4	87446	126211	2.43%	0.147%
62	18.857	2693	2698	2700	rBV	78079	129429	2.49%	0.151%
63	18.892	2700	2704	2708	rVV	882518	1164582	22.42%	1.358%
64	18.928	2708	2710	2718	rVB2	218002	265811	5.12%	0.310%
65	19.016	2719	2725	2728	rBV5	62741	135188	2.60%	0.158%
66	19.086	2734	2737	2738	rBV3	42103	42177	0.81%	0.049%
67	19.122	2738	2743	2746	rVV	620693	891943	17.17%	1.040%
68	19.151	2746	2748	2753	rVB	533699	597721	11.50%	0.697%
69	19.216	2754	2759	2762	rVV	391515	502191	9.67%	0.586%
70	19.269	2762	2768	2775	rVB	1575239	2035848	39.18%	2.375%
71	19.398	2787	2790	2794	rVB6	87904	128930	2.48%	0.150%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

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-BN060419MA.M
Title : SVOA CALIBRATION

72	19.457	2794	2800	2809	rBV2	3040664	5195505	100.00%	6.060%
73	19.557	2815	2817	2823	rVB4	62508	94140	1.81%	0.110%
74	19.645	2829	2832	2835	rBV	76606	89019	1.71%	0.104%
75	19.716	2837	2844	2849	rVV2	462843	866407	16.68%	1.011%
76	19.804	2855	2859	2863	rBV3	183249	275108	5.30%	0.321%
77	19.975	2880	2888	2893	rBV4	200435	459648	8.85%	0.536%
78	20.022	2893	2896	2900	rVB3	135818	162686	3.13%	0.190%
79	20.069	2900	2904	2907	rBV	224183	325882	6.27%	0.380%
80	20.133	2911	2915	2918	rBV5	126858	208213	4.01%	0.243%
81	20.304	2939	2944	2955	rVB4	1032139	1574626	30.31%	1.837%
82	20.451	2964	2969	2974	rBV	2154055	2656612	51.13%	3.099%
83	20.675	3003	3007	3014	rBV5	187257	408733	7.87%	0.477%
84	20.833	3030	3034	3040	rBV6	149157	248020	4.77%	0.289%
85	20.957	3052	3055	3058	rBV2	500357	587702	11.31%	0.685%
86	20.992	3058	3061	3069	rVB2	508689	753668	14.51%	0.879%
87	21.192	3091	3095	3099	rBV	605501	667555	12.85%	0.779%
88	21.269	3102	3108	3113	rBV	3473781	5080160	97.78%	5.925%
89	21.427	3131	3135	3142	rBV2	273181	380044	7.31%	0.443%
90	21.592	3159	3163	3168	rBV	965619	1085624	20.90%	1.266%
91	21.869	3206	3210	3213	rBV2	292971	386100	7.43%	0.450%
92	22.327	3284	3288	3295	rVB	332092	468891	9.02%	0.547%
93	22.833	3369	3374	3380	rBV3	793782	1361819	26.21%	1.588%
94	23.363	3458	3464	3469	rBV2	1615840	3138313	60.40%	3.661%
95	23.504	3481	3488	3507	rVB	2414208	4758988	91.60%	5.551%
96	24.033	3573	3578	3590	rVB	615401	1130345	21.76%	1.318%
97	24.774	3699	3704	3711	rVB	325765	646670	12.45%	0.754%
98	25.639	3845	3851	3858	rBV2	208509	495008	9.53%	0.577%
99	26.539	3997	4004	4016	rBV5	320462	1127072	21.69%	1.315%
100	28.074	4257	4265	4287	rVB2	751580	2623963	50.50%	3.061%

Sum of corrected areas: 85734130

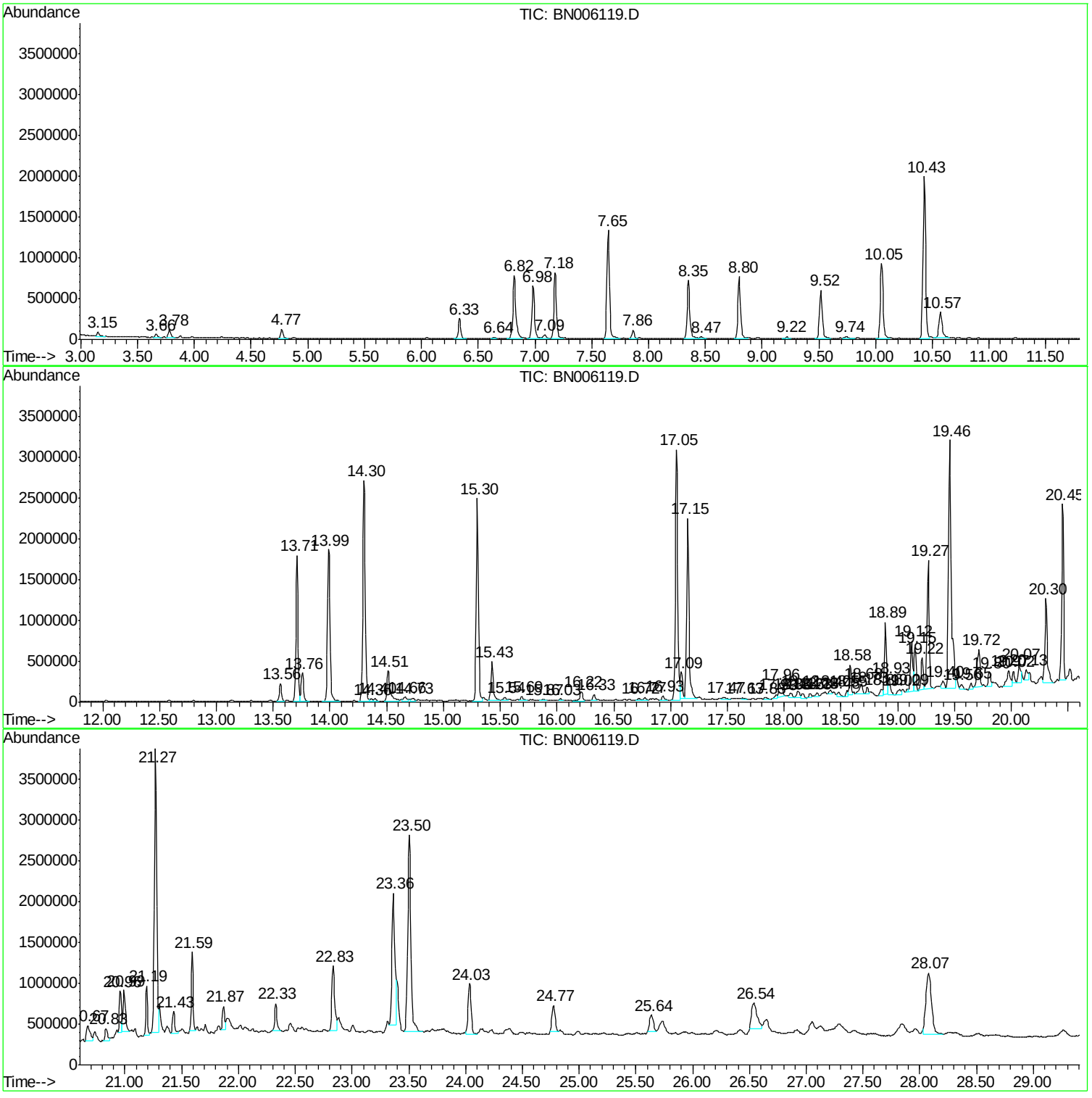
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

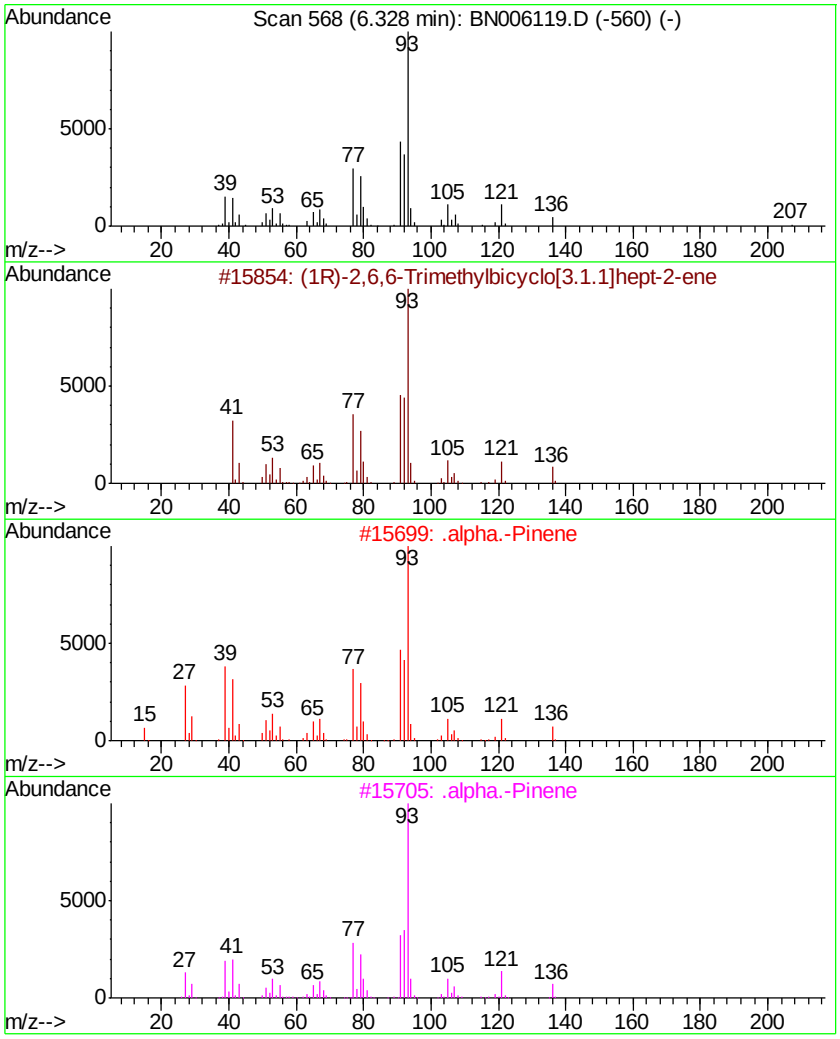
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

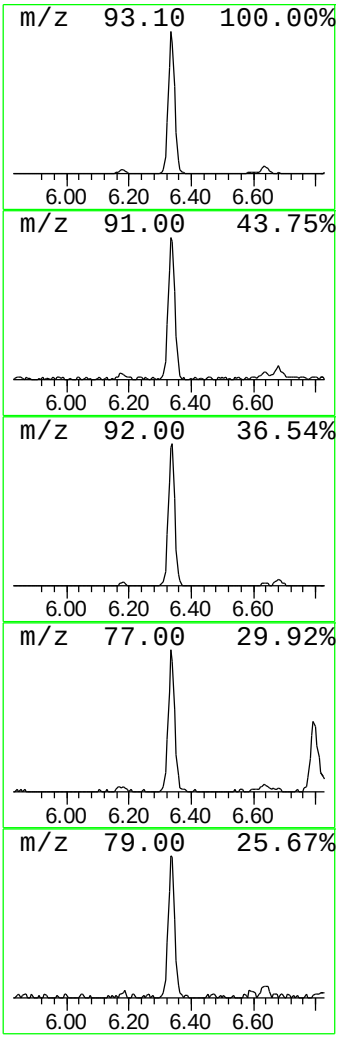
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.41 ng/ul	372101	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

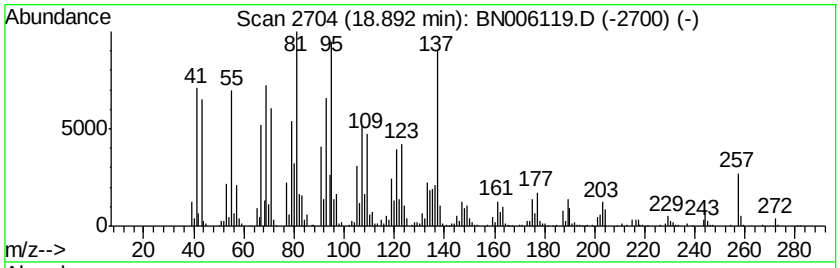
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

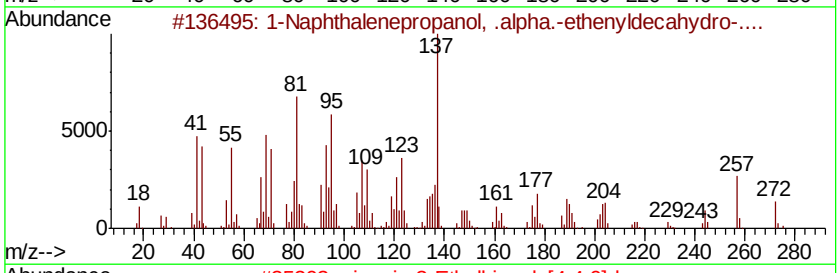
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

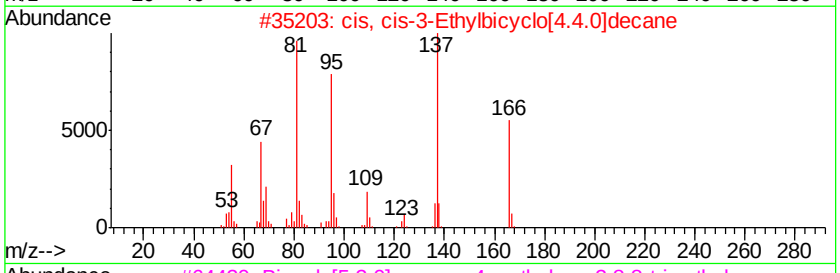
****
Peak Number 2 1-Naphthalenepropanol, .alp... Concentration Rank 5

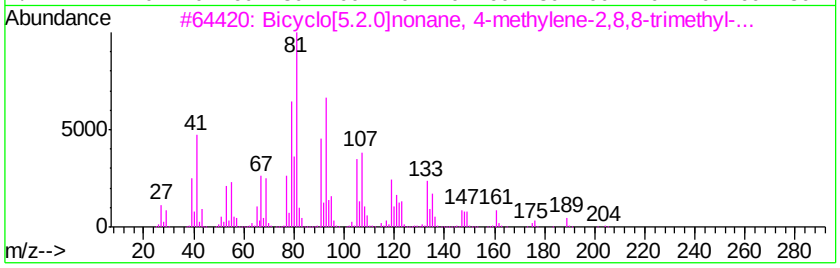
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	5.17 ng/ul	1164580	Phenanthrene-d10	17.05

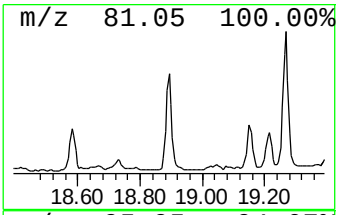
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	64
2	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	38
3	Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	30
4	3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	25
5	p-Menth-8-en-3-ol, acetate	196	C12H20O2	000089-49-6	25

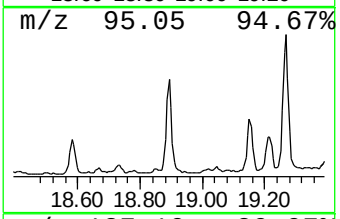


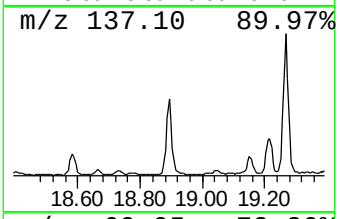


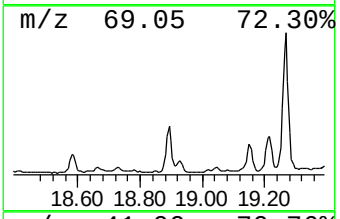


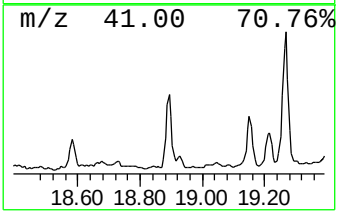












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

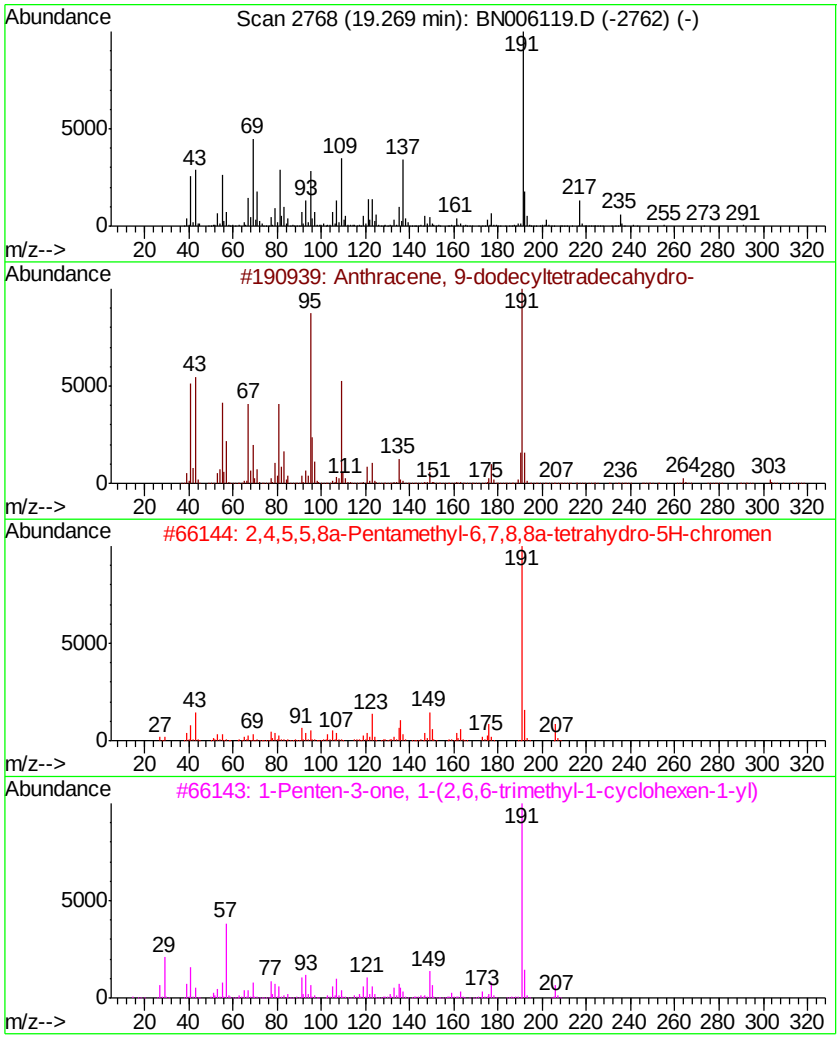
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

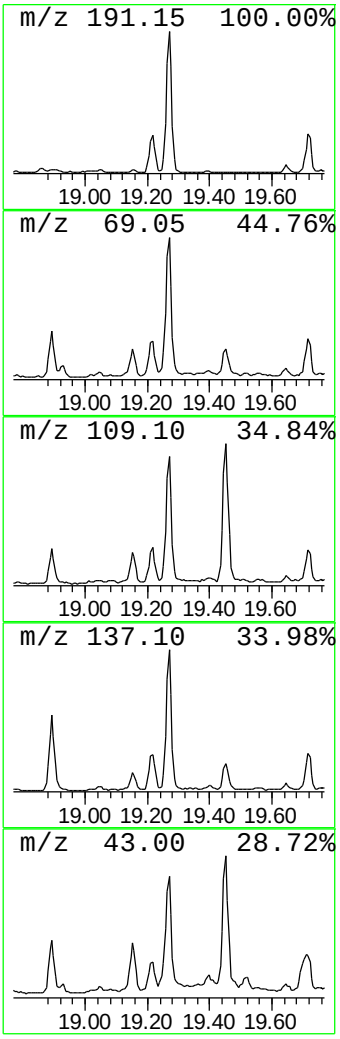
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	8.01 ng/ul	2035850	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahv...	360	C26H48	055401-75-7	45
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4	Anthracene, 9-butyl-	234	C18H18	001498-69-7	35
5	4-Fluoro-2-trifluromethylbenzoic...	376	C20H28F4O2	1000338-49-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006119.D
Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

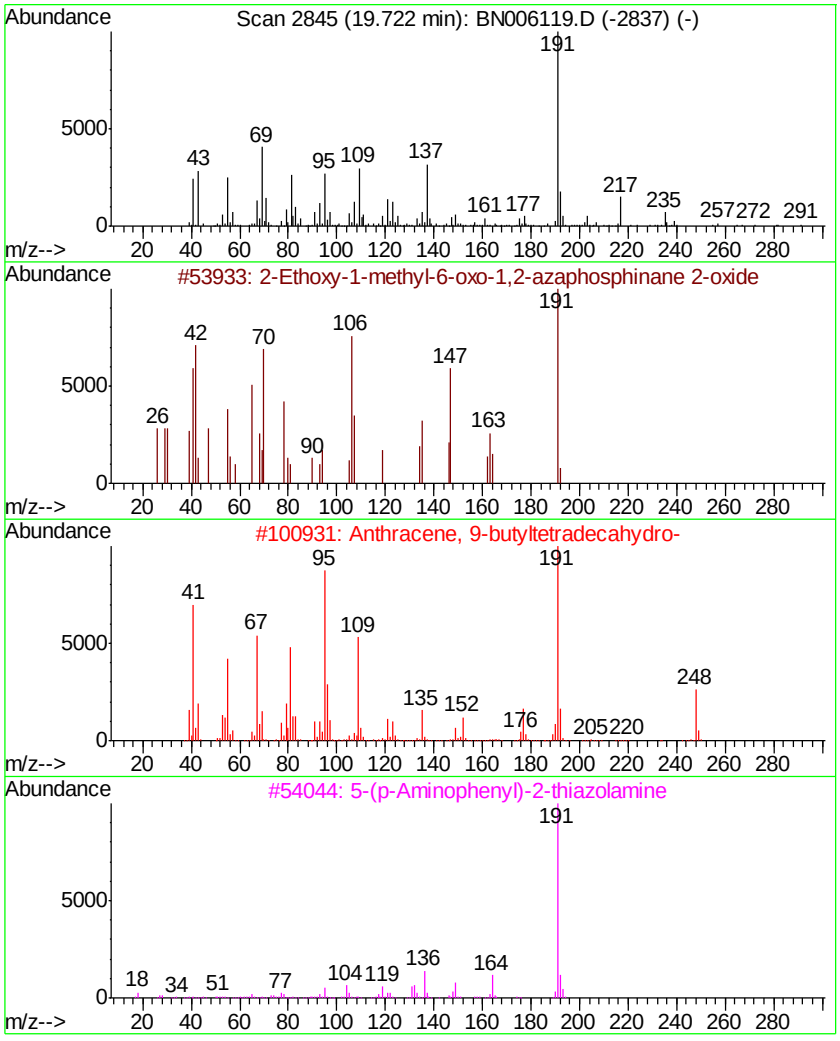
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

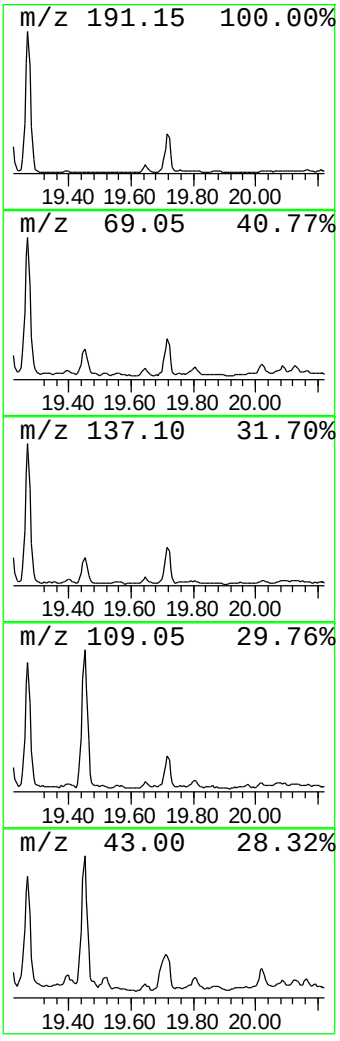
****

Peak Number 4 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.41 ng/ul	866407	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethoxy-1-methyl-6-oxo-1,2-azap...	191	C7H14NO3P	093989-00-5	45
2	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	45
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
4	Pyrido[3,2-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	024410-25-1	38
5	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	38





Library Search Compound Report

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Acq On : 06 Jun 2019 03:14
Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

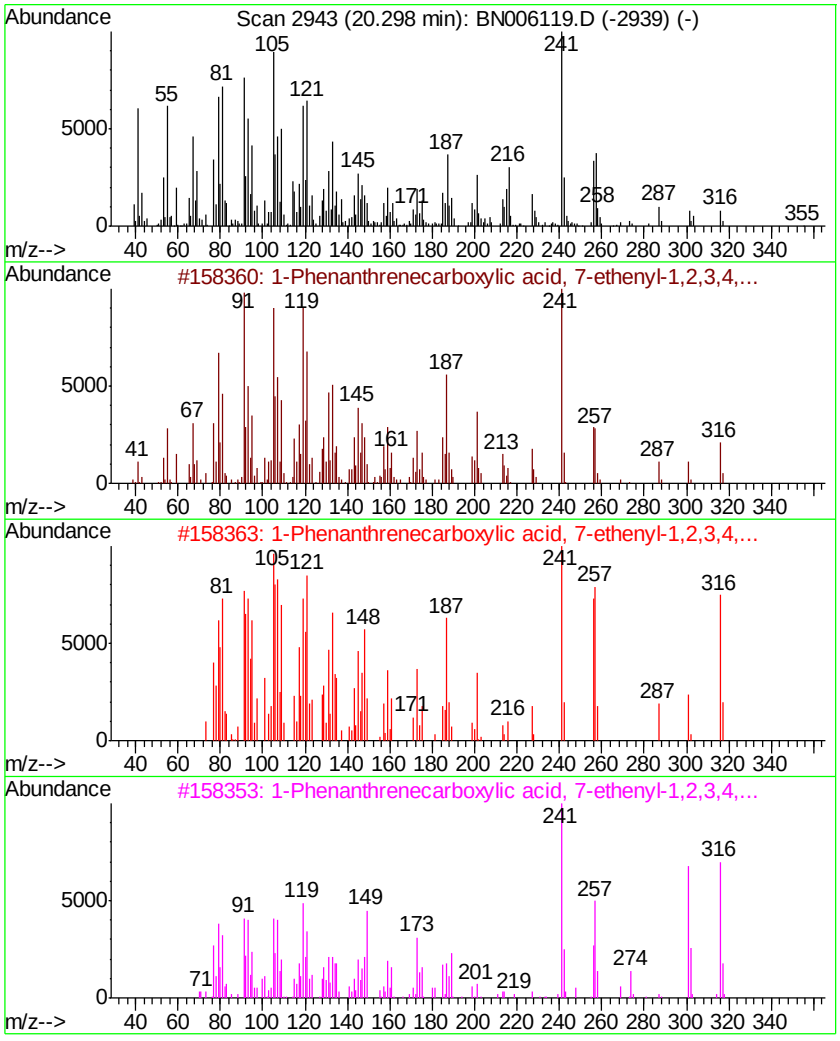
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

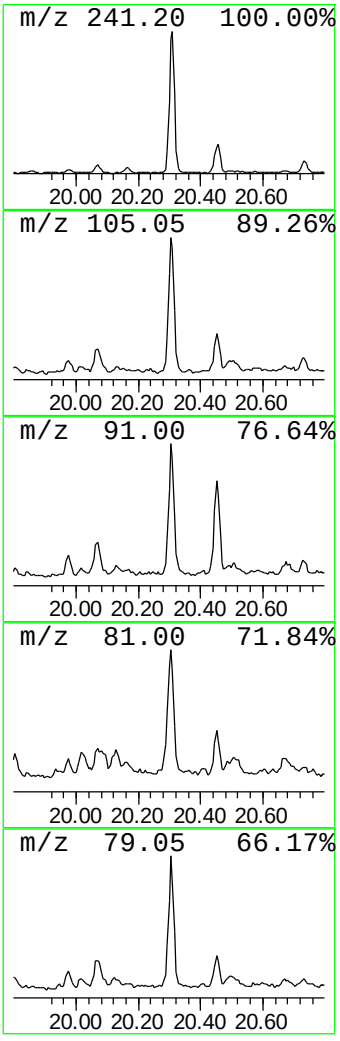
****

Peak Number 5 1-Phenanthrenecarboxylic ac... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	6.20 ng/ul	1574630	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	96
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	90
3	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	003582-26-1	62
4	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
5	Bisphenol C	256	C17H20O2	000079-97-0	38





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ClientSampleId : A51D9

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Quant Title : SVOA CALIBRATION

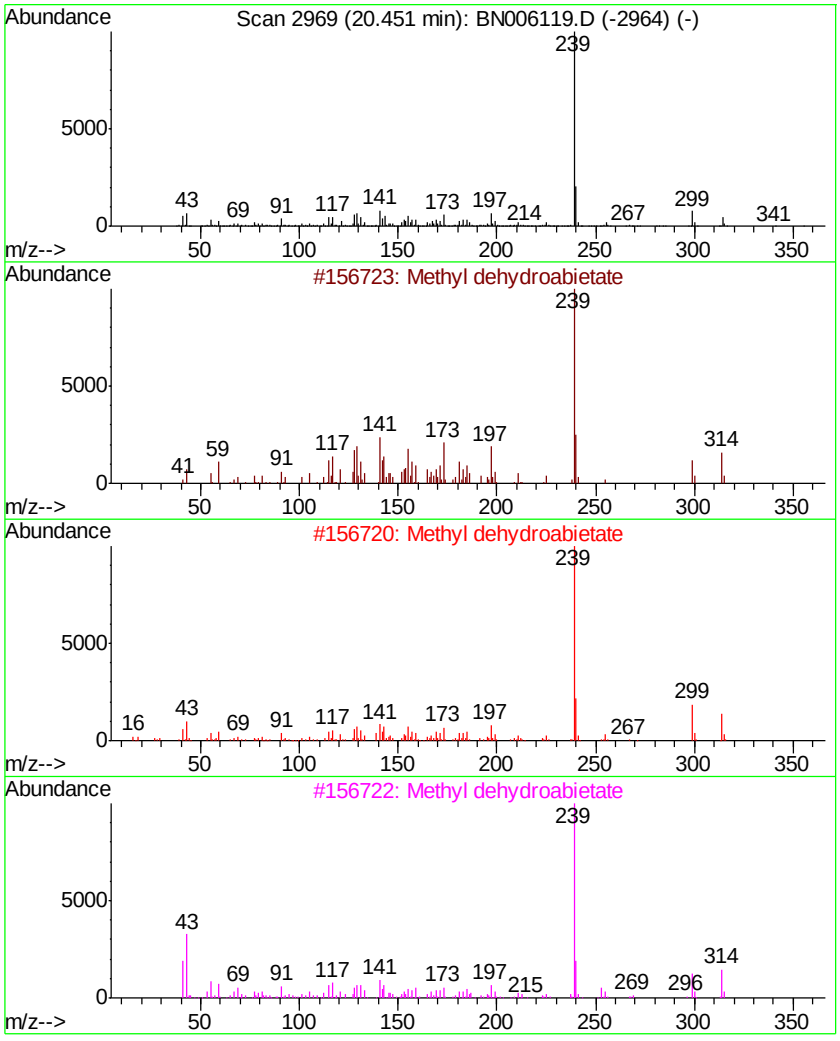
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

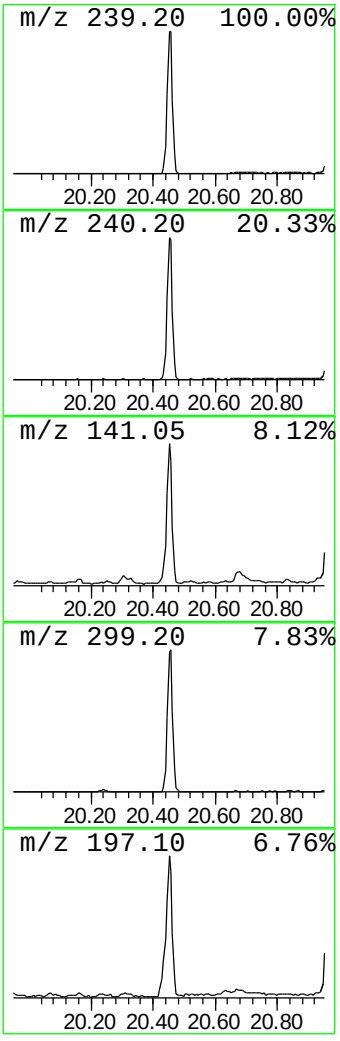
****

Peak Number 6 Methyl dehydroabietate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	10.46 ng/ul	2656610	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	92
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	91
3	Methyl dehydroabietate	314	C21H30O2	001235-74-1	78
4	1-[(4-Chlorophenyl)thioxomethyl]...	239	C12H14ClNS	003335-29-3	59
5	Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	59





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

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Quant Title : SVOA CALIBRATION

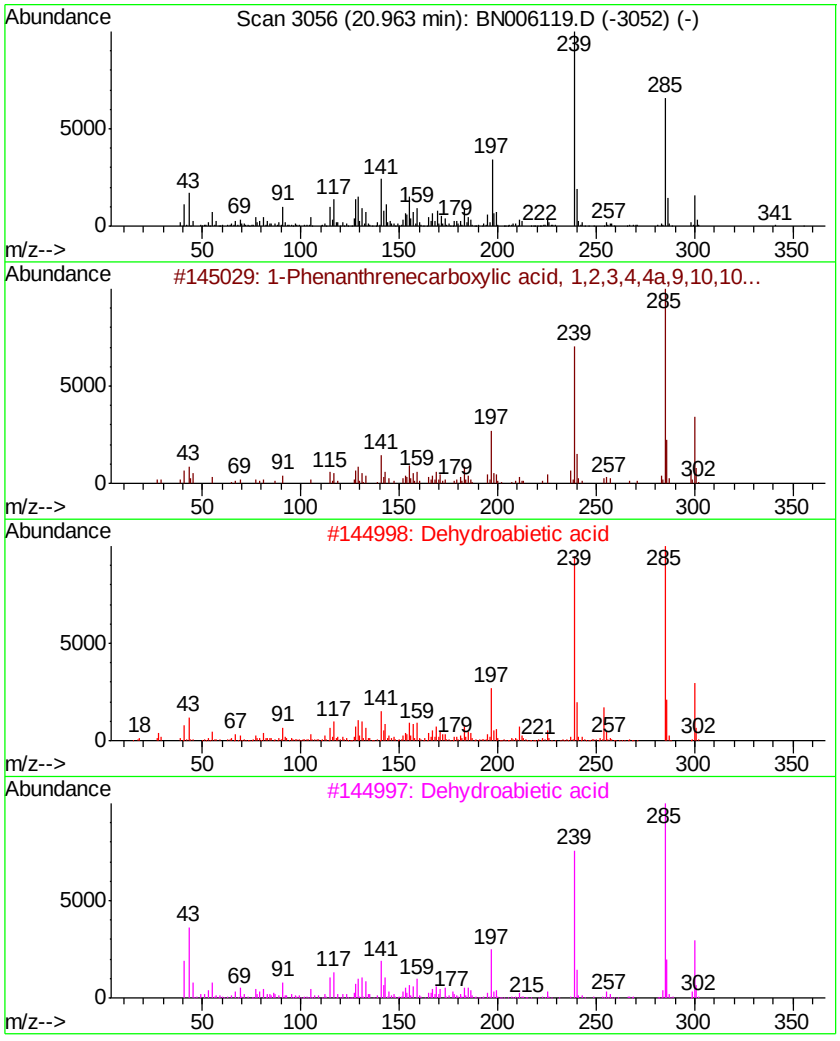
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

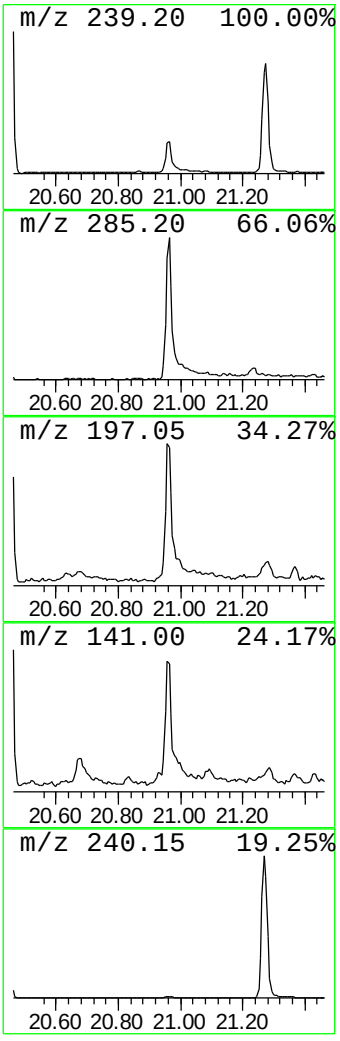
****

Peak Number 7 1-Phenanthrenecarboxylic ac... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.31 ng/ul	587702	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	95
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	90
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	53





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Sample : K3016-22
Misc :
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Instrument : BNA_N
ClientSampleId : A51D9

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Quant Title : SVOA CALIBRATION

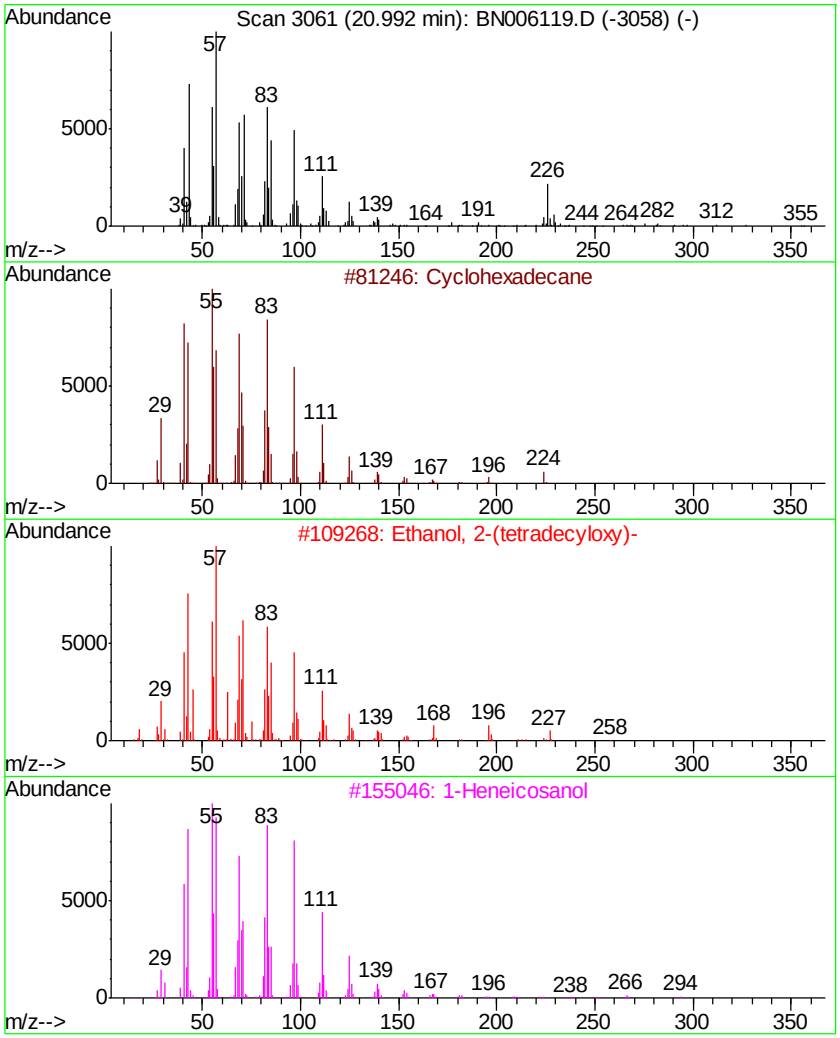
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

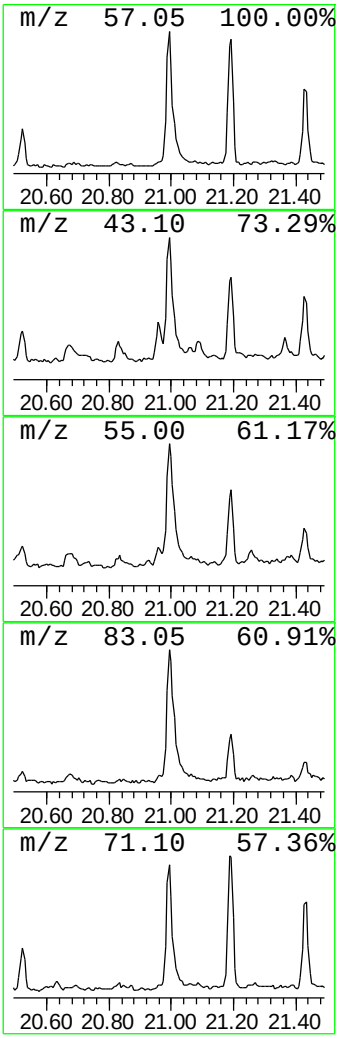
****

Peak Number 8 (DEL) Alkane: Cyclic20.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.97 ng/ul	753668	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	Cyclopentadecane	210	C15H30	000295-48-7	78
5	Behenic alcohol	326	C22H46O	000661-19-8	70





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Operator : JU/SJ
Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

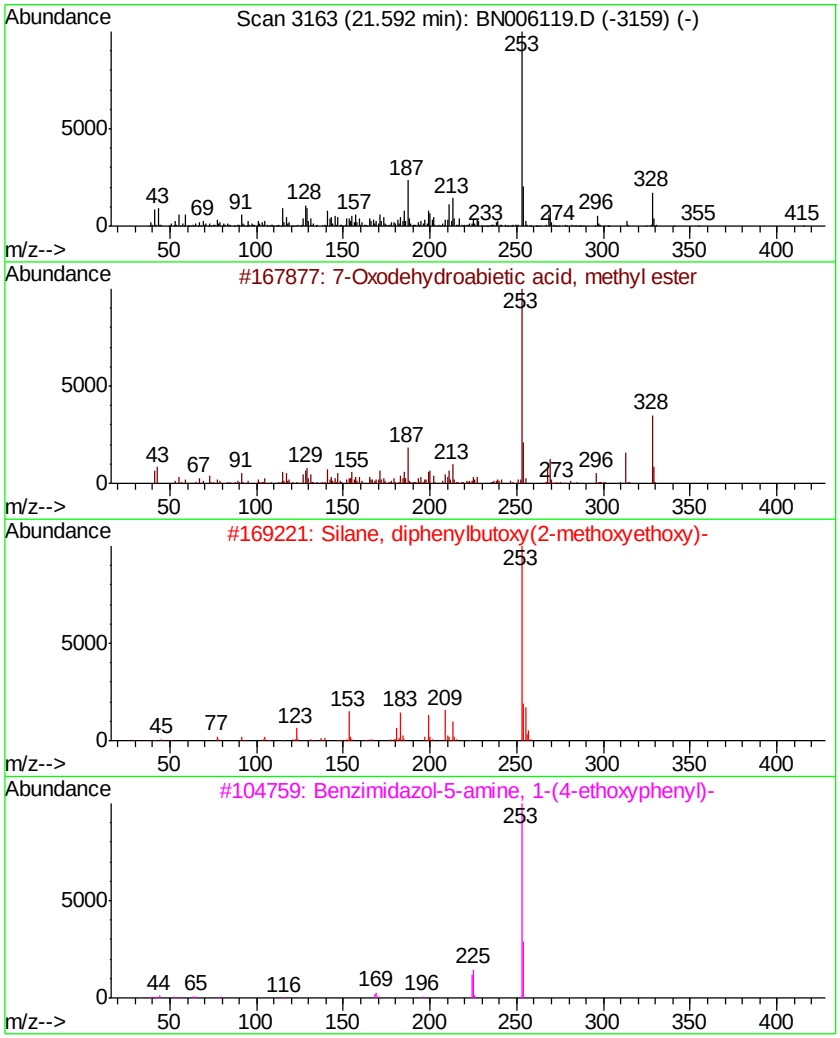
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

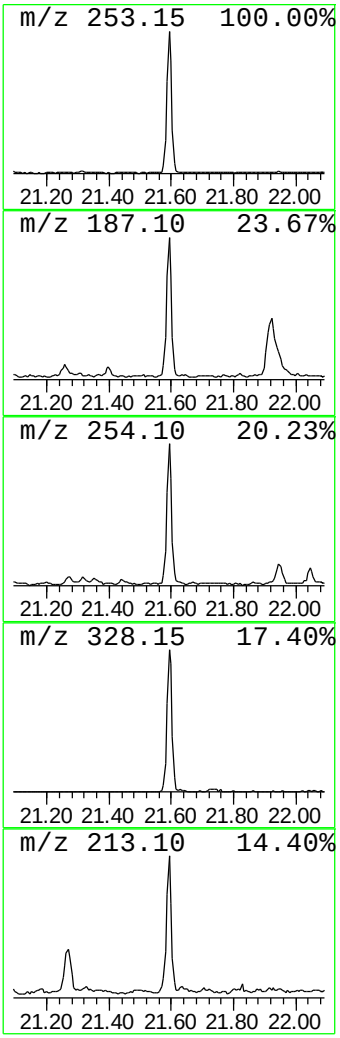
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 7-Oxodehydroabietic acid, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	4.27 ng/ul	1085620	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	94
2	Silane, diphenylbutoxy(2-methoxy...	330	C19H26O3Si	1000367-72-3	50
3	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	46
4	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	45
5	Isophthalic acid, di(2-ethylphen...	374	C24H22O4	1000356-76-7	43





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Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

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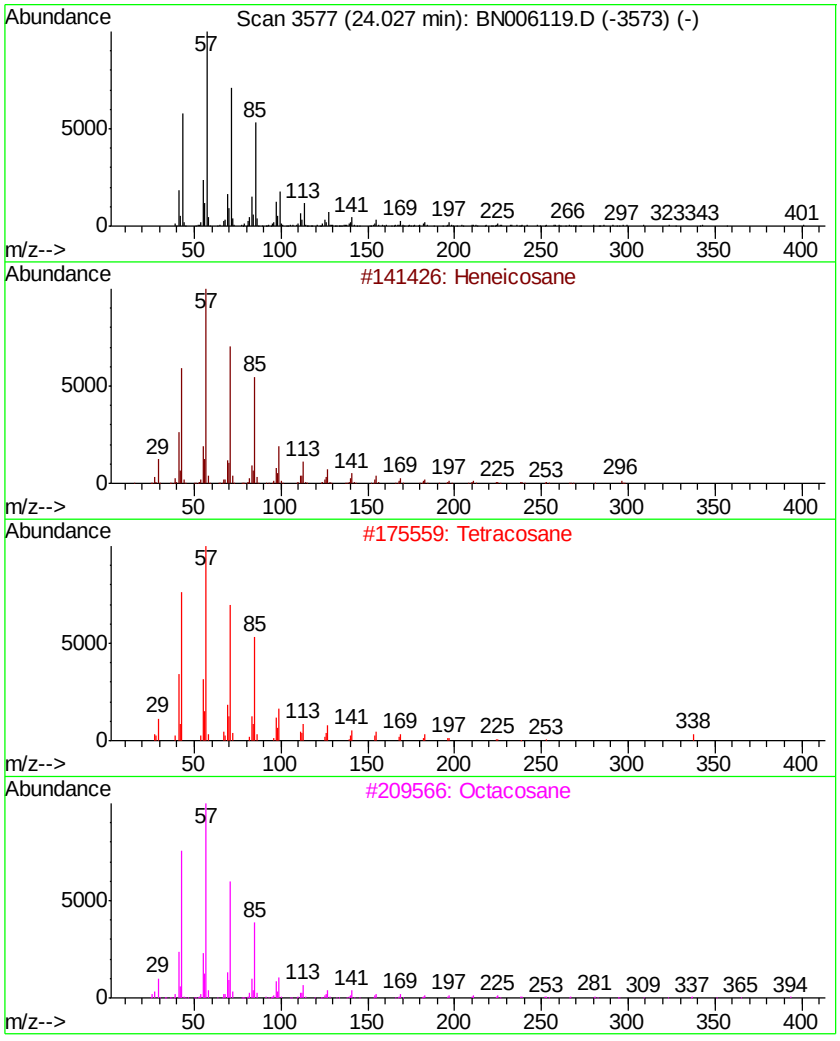
Quant Title : SVOA CALIBRATION

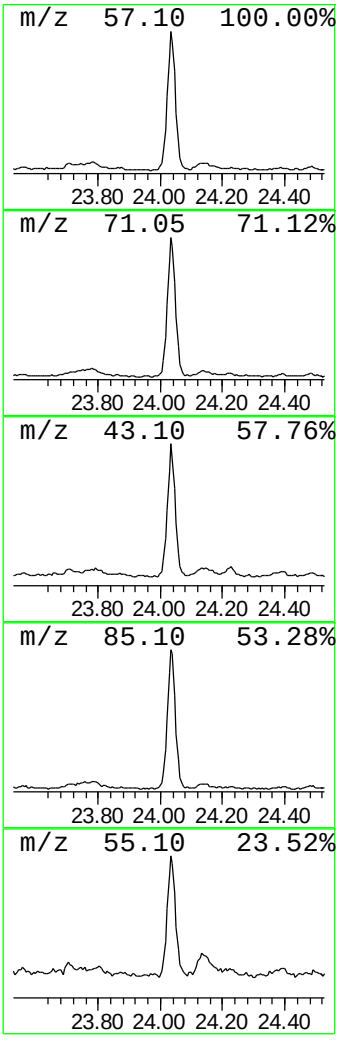
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	4.75 ng/ul	1130350	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

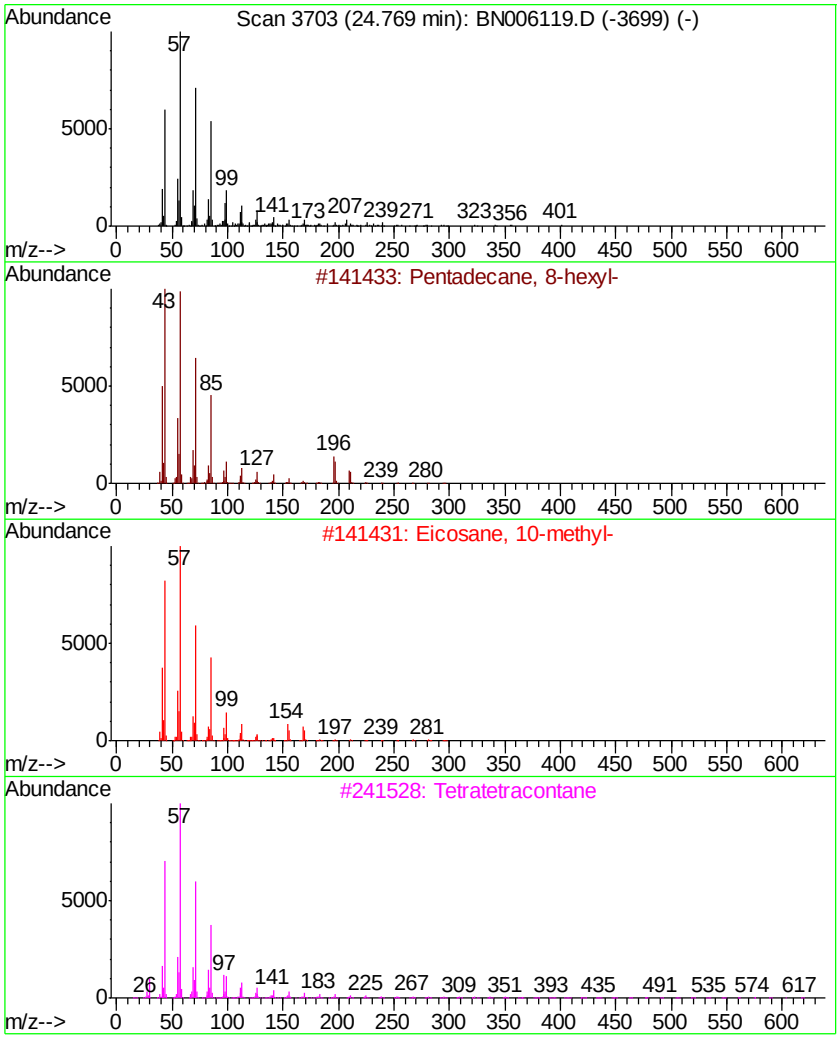
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

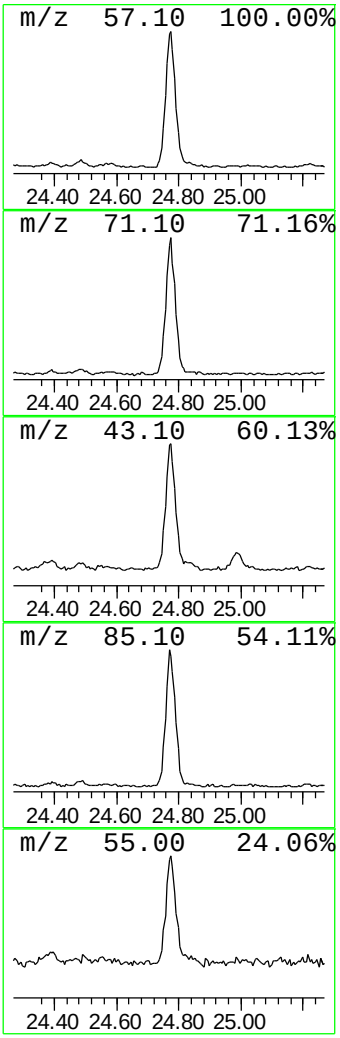
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.72 ng/ul	646670	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : K3016-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A51D9

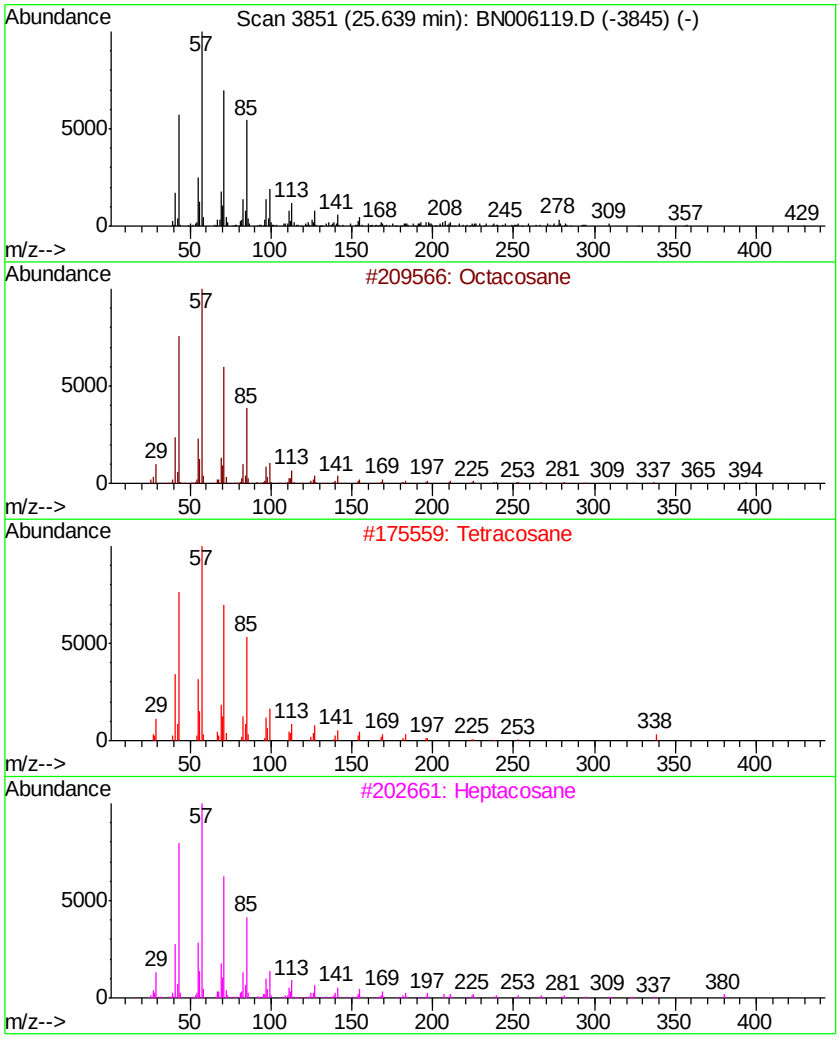
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

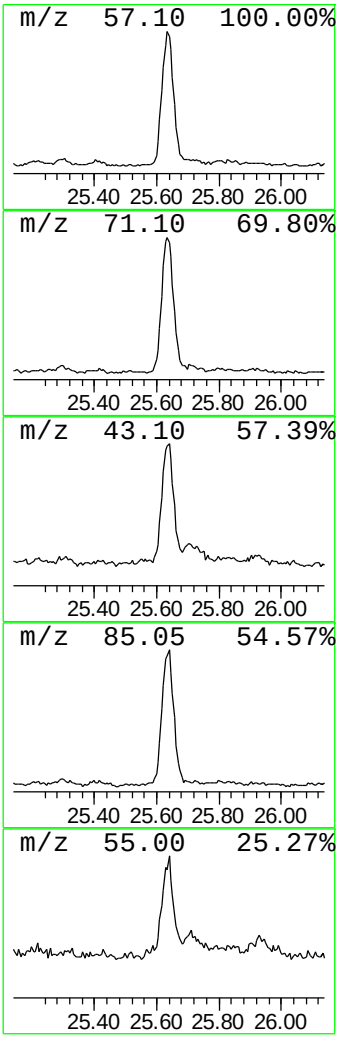
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.64	2.08 ng/ul	495008	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetradecane	198	C14H30	000629-59-4	83





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Misc :
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Instrument : BNA_N
ClientSampleId : A51D9

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Quant Title : SVOA CALIBRATION

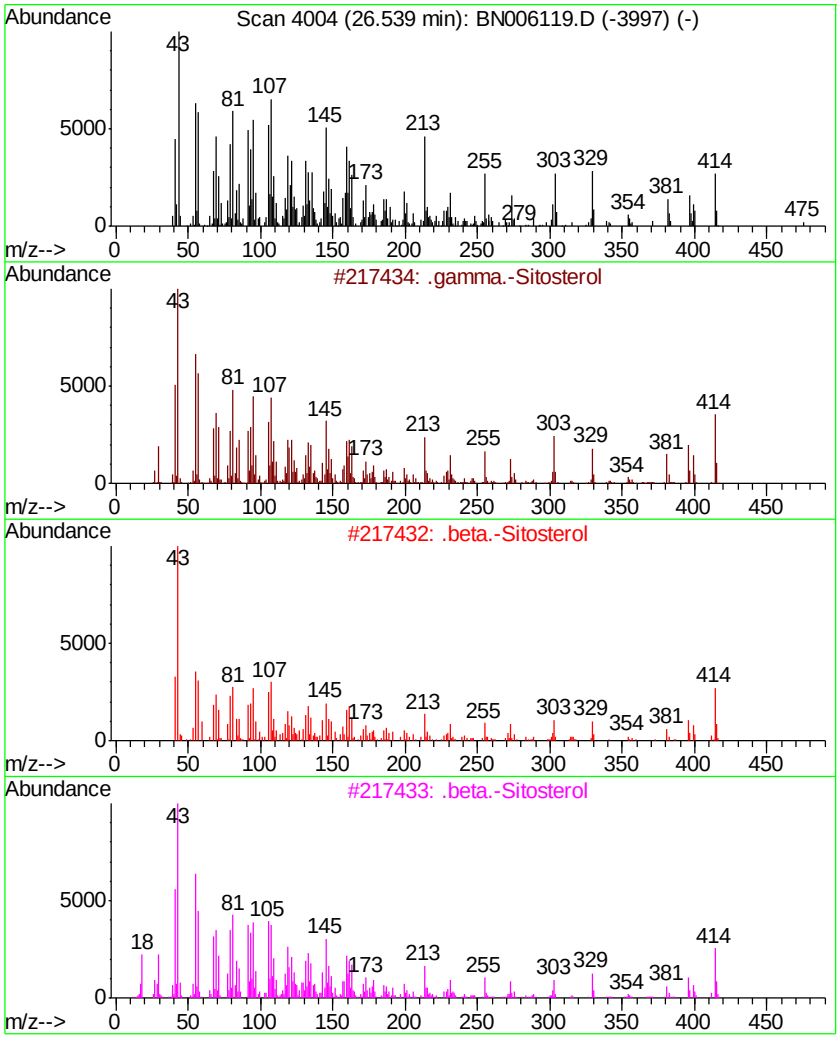
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

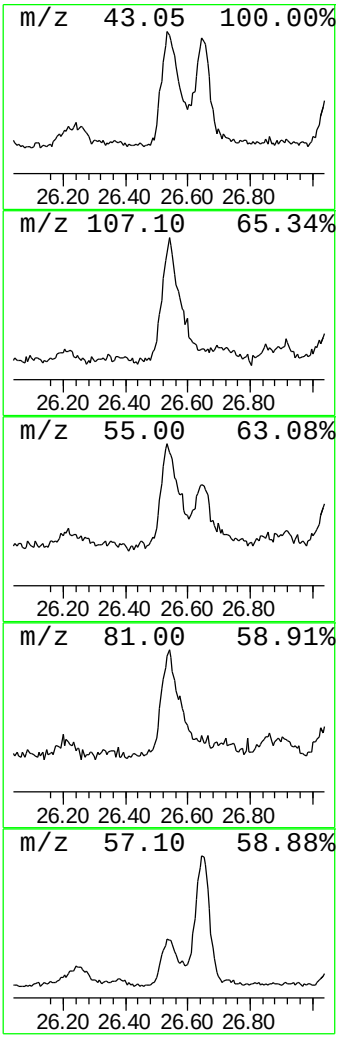
****

Peak Number 13 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.54	4.74 ng/ul	1127070	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
4	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	49
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	43





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Quant Title : SVOA CALIBRATION

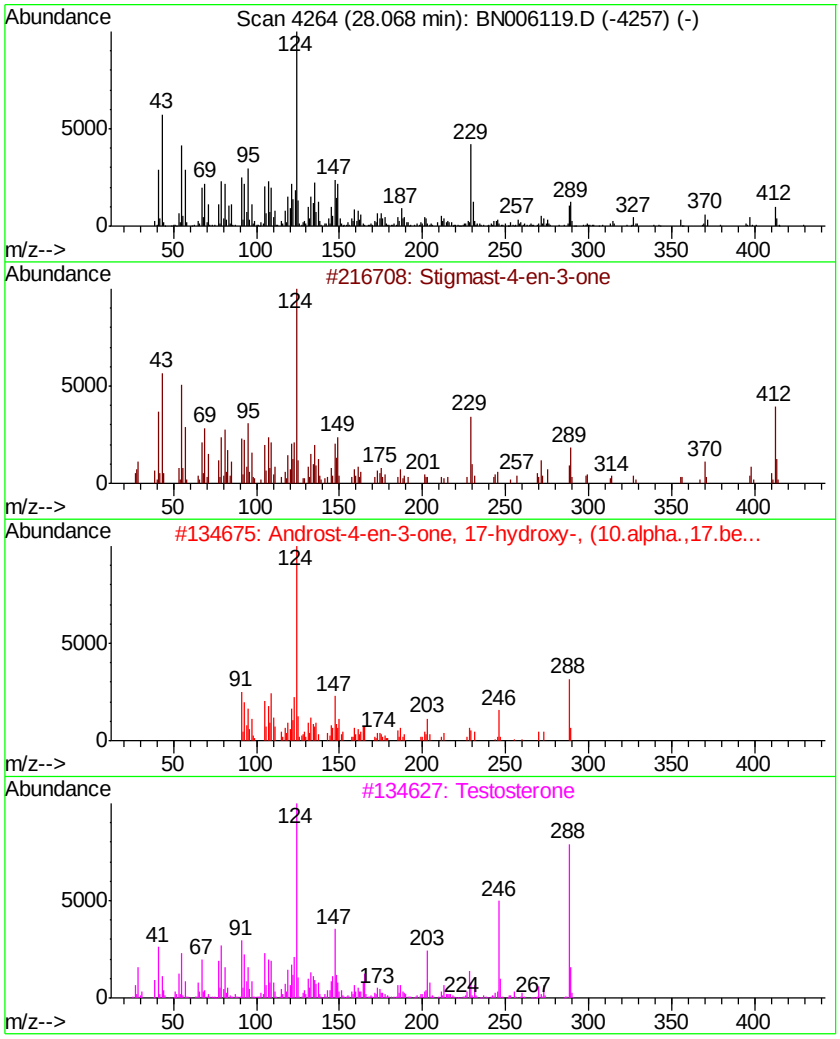
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

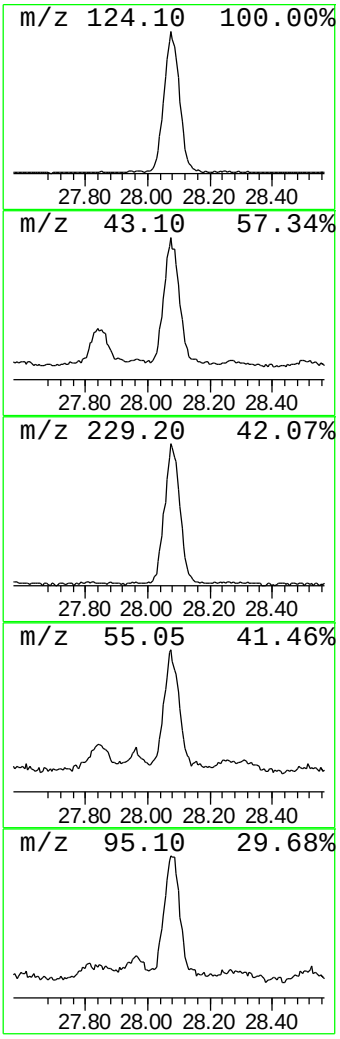
****

Peak Number 14 Stigmast-4-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.07	11.03 ng/ul	2623960	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	50
3	Testosterone	288	C19H28O2	000058-22-0	49
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	35
5	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	27





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_N
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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
(1R)-2,6,6-Trimet...	6.33	3.4	ng/ul	372101	1	7.65	2180050	20.0
1-Naphthaleneprop...	18.89	5.2	ng/ul	1164580	4	17.05	4503380	20.0
unknown-01	19.27	8.0	ng/ul	2035850	5	21.27	5080160	20.0
unknown-02	19.72	3.4	ng/ul	866407	5	21.27	5080160	20.0
1-Phenanthrenecar...	20.30	6.2	ng/ul	1574630	5	21.27	5080160	20.0
Methyl dehydroabi...	20.45	10.5	ng/ul	2656610	5	21.27	5080160	20.0
1-Phenanthrenecar...	20.96	2.3	ng/ul	587702	5	21.27	5080160	20.0
(DEL) Alkane: Cyc...	20.99	3.0	ng/ul	753668	5	21.27	5080160	20.0
7-Oxodehydroabiet...	21.59	4.3	ng/ul	1085620	5	21.27	5080160	20.0
(DEL) Alkane: Str...	24.03	4.8	ng/ul	1130350	6	23.50	4758990	20.0
(DEL) Alkane: Str...	24.77	2.7	ng/ul	646670	6	23.50	4758990	20.0
(DEL) Alkane: Str...	25.64	2.1	ng/ul	495008	6	23.50	4758990	20.0
.gamma.-Sitosterol	26.54	4.7	ng/ul	1127070	6	23.50	4758990	20.0
Stigmast-4-en-3-one	28.07	11.0	ng/ul	2623960	6	23.50	4758990	20.0