LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

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-BN021220MA.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	3.028	4	7	14	rBV	41993	50358	0.65%	0.087%
2	4.040	176	179	189	rBV6	11004	21595	0.28%	0.037%
3	4.617	269	277	291	rVB3	30834	73746	0.95%	0.127%
4	6.011	509	514	515	rBV	31955	38914	0.50%	0.067%
5	6.587	606	612	627	rBV	722591	1251092	16.15%	2.157%
6	6.746	633	639	646	rBV	517097	808591	10.44%	1.394%
7	6.811	646	650	657	rVV	96606	140947	1.82%	0.243%
8	6.881	657	662	664	rVV2	27334	39669	0.51%	0.068%
9	6.928	664	670	684	rVV	732619	1191145	15.37%	2.053%
10	7.040	684	689	693	rVB2	40920	61866	0.80%	0.107%
11	7.211	714	718	726	rBV6	16104	36947	0.48%	0.064%
12	7.381	742	747	755	rBV	351594	555571	7.17%	0.958%
13	7.746	802	809	818	rBV	415418	645523	8.33%	1.113%
14	8.099	863	869	879	rBV	878536	1409865	18.20%	2.430%
15	8.528	935	942	951	rBV	725941	1192374	15.39%	2.055%
16	8.716	969	974	980	rBV5	19290	28187	0.36%	0.049%
17	8.846	989	996	1002	rBV2	32937	66436	0.86%	0.115%
18	9.240	1056	1063	1079	rBV	614205	1031414	13.31%	1.778%
19	9.393	1084	1089	1095	rVB4	16547	28548	0.37%	0.049%
20	9.516	1104	1110	1123	rBV	357148	618087	7.98%	1.065%
21	9.687	1135	1139	1145	rVB4	15923	21473	0.28%	0.037%
22	9.769	1147	1153	1168	rBV	801206	1447234	18.68%	2.495%
23	10.128	1207	1214	1218	rBV	471630	815052	10.52%	1.405%
24	10.181	1218	1223	1232	rVB	4895259	7747981	100.00%	13.356%
25	10.287	1234	1241	1254	rBV2	762243	1534215	19.80%	2.645%
26	11.546	1447	1455	1460	rBV5	14004	29406	0.38%	0.051%
27	11.693	1474	1480	1484	rBV2	32823	52477	0.68%	0.090%
28	11.804	1491	1499	1509	rBV	837899	1336570	17.25%	2.304%
29	11.940	1514	1522	1530	rVV	481452	927826	11.98%	1.599%
30	12.028	1531	1537	1545	rVB	621182	1000497	12.91%	1.725%
31	12.410	1597	1602	1605	rBV6	9723	19434	0.25%	0.033%
32	12.740	1654	1658	1662	rBV3	16455	22236	0.29%	0.038%
33	12.793	1662	1667	1671	rVV	27429	41036	0.53%	0.071%
34	12.851	1671	1677	1683	rVV	185438	294140	3.80%	0.507%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

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-BN021220MA.M
Title : SVOA CALIBRATION

35	13.051	1703	1711	1719	rVB	37473	72517	0.94%	0.125%
36	13.187	1727	1734	1736	rBV3	35043	62012	0.80%	0.107%
37	13.346	1754	1761	1766	rBV4	67716	129276	1.67%	0.223%
38	13.399	1766	1770	1773	rVB2	28398	33953	0.44%	0.059%
39	13.451	1773	1779	1784	rBV	1423721	1944961	25.10%	3.353%
40	13.499	1784	1787	1795	rVB	146933	205018	2.65%	0.353%
41	13.587	1795	1802	1813	rVB3	40308	91365	1.18%	0.157%
42	13.710	1813	1823	1829	rBV	1604327	2357198	30.42%	4.063%
43	14.022	1870	1876	1882	rBV2	670906	987924	12.75%	1.703%
44	14.087	1882	1887	1897	rVV	979477	1425456	18.40%	2.457%
45	14.275	1913	1919	1928	rBV	474623	950824	12.27%	1.639%
46	14.434	1940	1946	1952	rVV	387784	547697	7.07%	0.944%
47	14.487	1952	1955	1959	rVB3	16987	19682	0.25%	0.034%
48	15.028	2040	2047	2053	rBV	2010403	2812581	36.30%	4.848%
49	15.087	2053	2057	2068	rVB	381590	517092	6.67%	0.891%
50	15.187	2068	2074	2082	rBV	662108	1072842	13.85%	1.849%
51	15.340	2096	2100	2104	rVB4	19997	26887	0.35%	0.046%
52	15.387	2104	2108	2112	rBV3	19666	22342	0.29%	0.039%
53	15.540	2129	2134	2139	rVB4	17262	31116	0.40%	0.054%
54	15.610	2139	2146	2153	rBV	38104	58338	0.75%	0.101%
55	15.775	2166	2174	2179	rBV2	80145	123816	1.60%	0.213%
56	16.075	2222	2225	2232	rVB2	40092	66063	0.85%	0.114%
57	16.316	2261	2266	2271	rBV4	14355	24776	0.32%	0.043%
58	16.445	2283	2288	2296	rVB9	21184	42921	0.55%	0.074%
59	16.610	2306	2316	2324	rBV6	54607	128778	1.66%	0.222%
60	16.781	2339	2345	2349	rBV	823736	1163455	15.02%	2.006%
61	16.822	2349	2352	2357	rVV	206737	274254	3.54%	0.473%
62	16.881	2357	2362	2378	rVB	2308166	3112754	40.18%	5.366%
63	17.016	2378	2385	2396	rVB7	27187	81865	1.06%	0.141%
64	17.145	2400	2407	2409	rBV	47519	75334	0.97%	0.130%
65	17.198	2409	2416	2422	rVB	264320	360054	4.65%	0.621%
66	17.304	2429	2434	2439	rBV	37674	56929	0.73%	0.098%
67	17.369	2439	2445	2454	rVB	56256	92047	1.19%	0.159%
68	17.634	2485	2490	2500	rBV4	31368	64789	0.84%	0.112%
69	17.716	2500	2504	2512	rBV2	184690	291021	3.76%	0.502%
70	17.798	2512	2518	2523	rVV2	41001	87972	1.14%	0.152%
71	17.857	2523	2528	2534	rVB	130263	208559	2.69%	0.360%

LSC Area Percent Report

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Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

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-BN021220MA.M
Title : SVOA CALIBRATION

72	17.963	2542	2546	2549	rBV5	19280	28094	0.36%	0.048%
73	18.263	2593	2597	2603	rVB4	41252	49155	0.63%	0.085%
74	18.416	2617	2623	2628	rBV4	41064	59671	0.77%	0.103%
75	18.828	2689	2693	2694	rBV2	23598	27029	0.35%	0.047%
76	18.857	2694	2698	2704	rVV	90229	118740	1.53%	0.205%
77	18.922	2704	2709	2716	rVB	181411	232068	3.00%	0.400%
78	19.010	2721	2724	2731	rVV6	29711	48111	0.62%	0.083%
79	19.081	2731	2736	2743	rVB2	21920	36673	0.47%	0.063%
80	19.192	2748	2755	2765	rBV	2644274	3531926	45.59%	6.088%
81	19.651	2830	2833	2837	rVB4	17356	20087	0.26%	0.035%
82	19.692	2837	2840	2846	rBV2	31776	53596	0.69%	0.092%
83	19.745	2846	2849	2853	rVV6	34048	43465	0.56%	0.075%
84	19.786	2853	2856	2859	rVB3	25057	28077	0.36%	0.048%
85	19.833	2859	2864	2869	rBV5	9535	20624	0.27%	0.036%
86	20.286	2938	2941	2944	rVB2	28889	30561	0.39%	0.053%
87	20.739	3014	3018	3025	rBV	512000	674792	8.71%	1.163%
88	20.804	3025	3029	3035	rVB	49852	69749	0.90%	0.120%
89	20.945	3049	3053	3057	rBV	347916	358269	4.62%	0.618%
90	21.004	3058	3063	3073	rVB	1004055	1329816	17.16%	2.292%
91	21.192	3091	3095	3099	rBV	115649	132162	1.71%	0.228%
92	21.616	3162	3167	3175	rBV3	260188	449042	5.80%	0.774%
93	22.039	3235	3239	3244	rBV	229251	272438	3.52%	0.470%
94	22.504	3314	3318	3323	rBV	274948	391690	5.06%	0.675%
95	22.974	3391	3398	3403	rBV	2000114	3351311	43.25%	5.777%
96	23.022	3403	3406	3413	rVB	258304	391391	5.05%	0.675%
97	23.104	3414	3420	3427	rVB	704381	1240527	16.01%	2.138%
98	23.604	3500	3505	3511	rVB	231549	374894	4.84%	0.646%
99	23.674	3513	3517	3523	rVB3	110590	174565	2.25%	0.301%
100	24.269	3613	3618	3624	rVB	139658	269211	3.47%	0.464%

Sum of corrected areas: 58012654

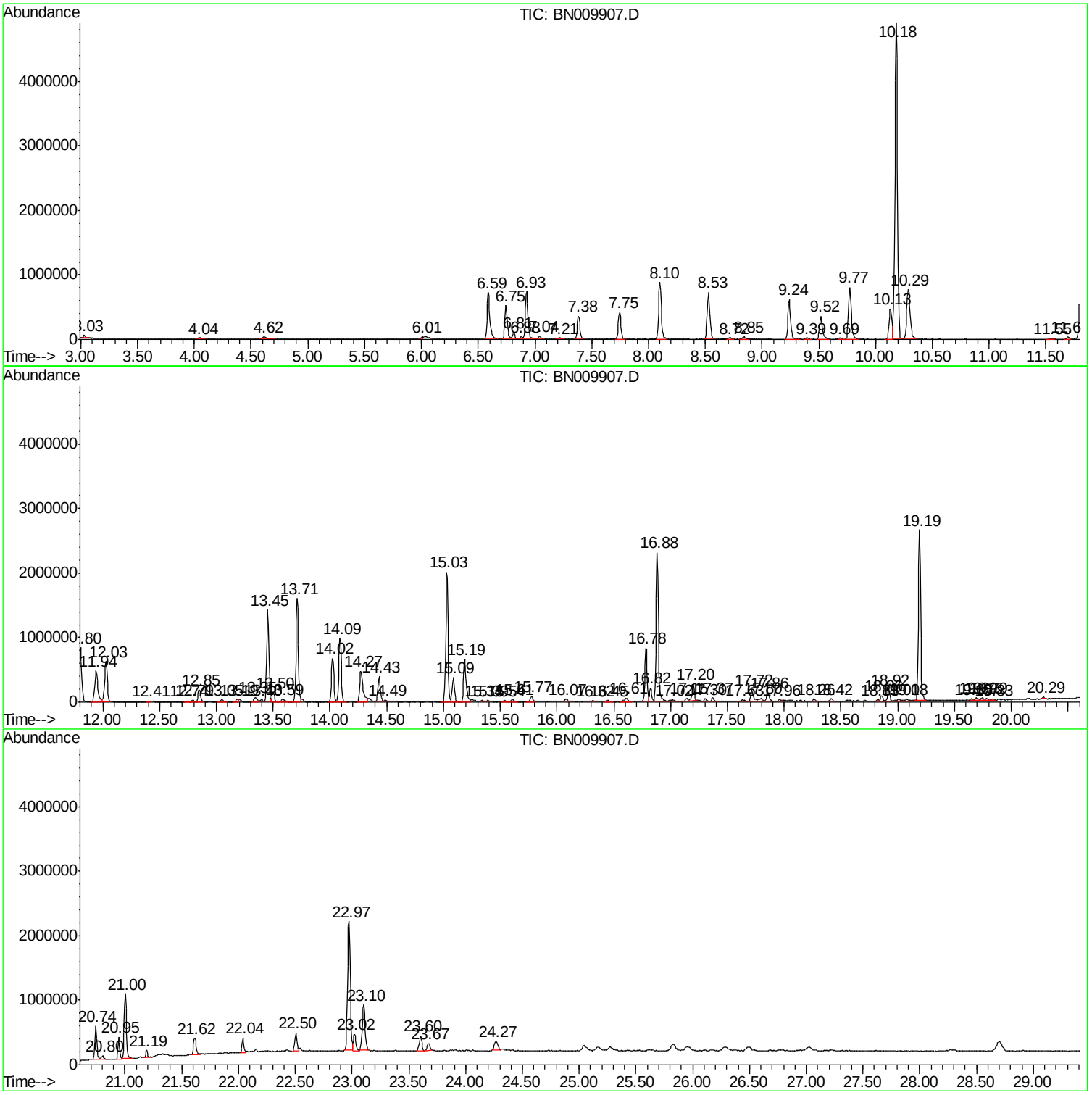
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

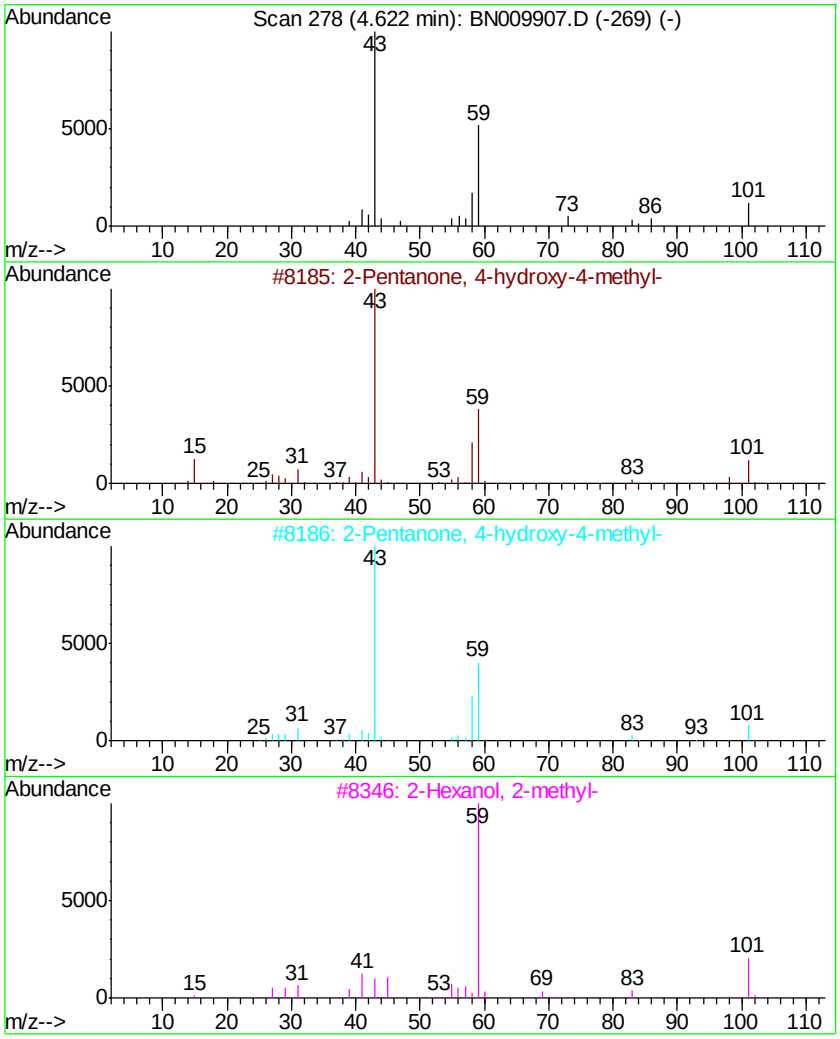
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

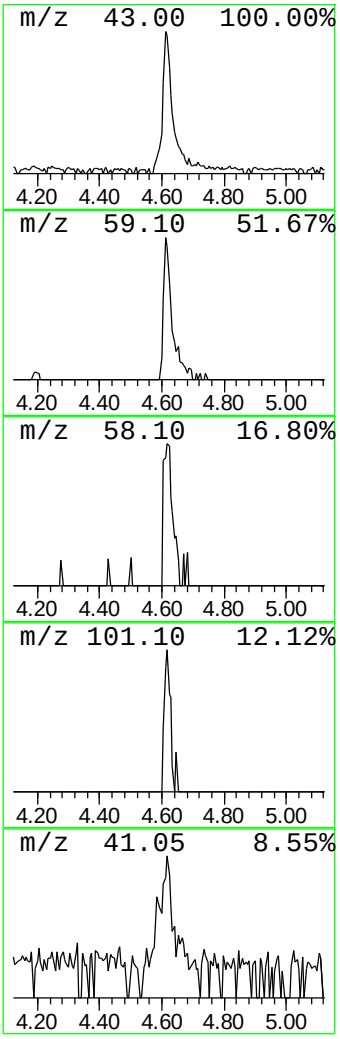
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	2.65 ng/ul	73746	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

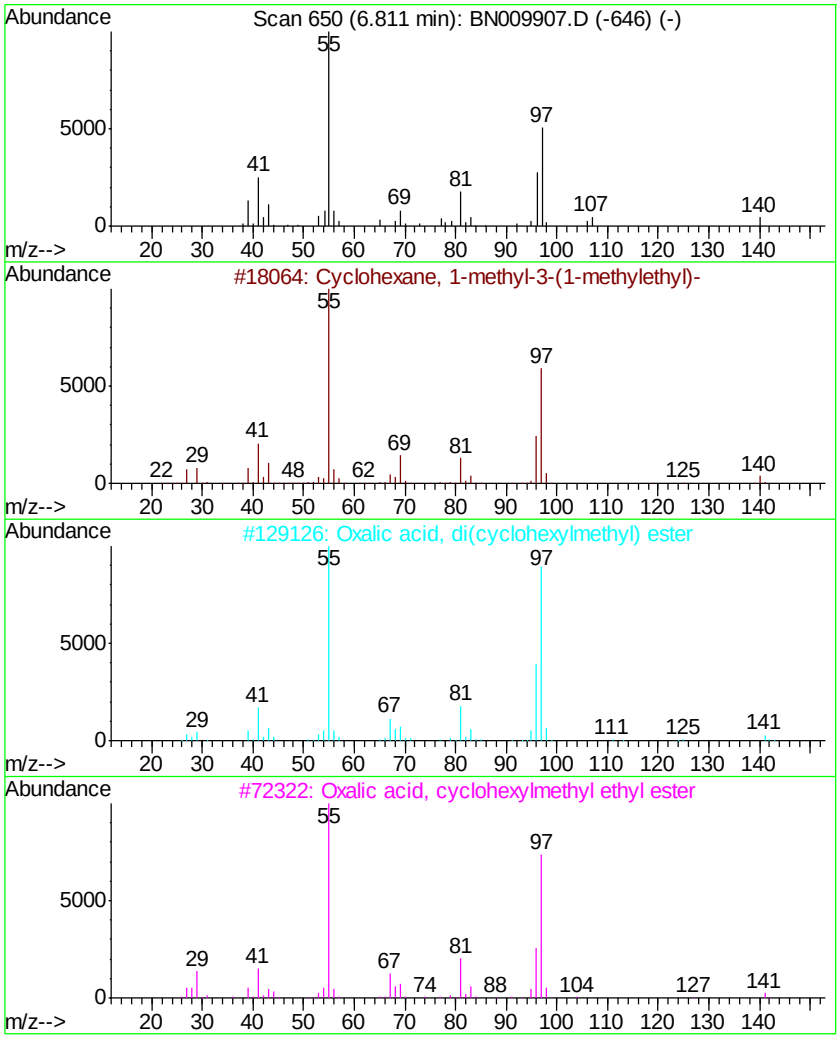
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

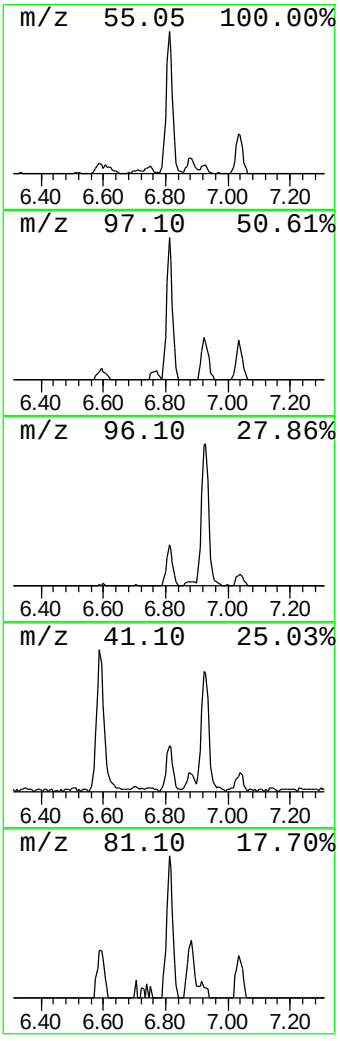
****

Peak Number 2 (DEL) Alkane: Cyclic6.81 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	5.07 ng/ul	140947	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	80
2	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	64
3	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	59
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
5	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

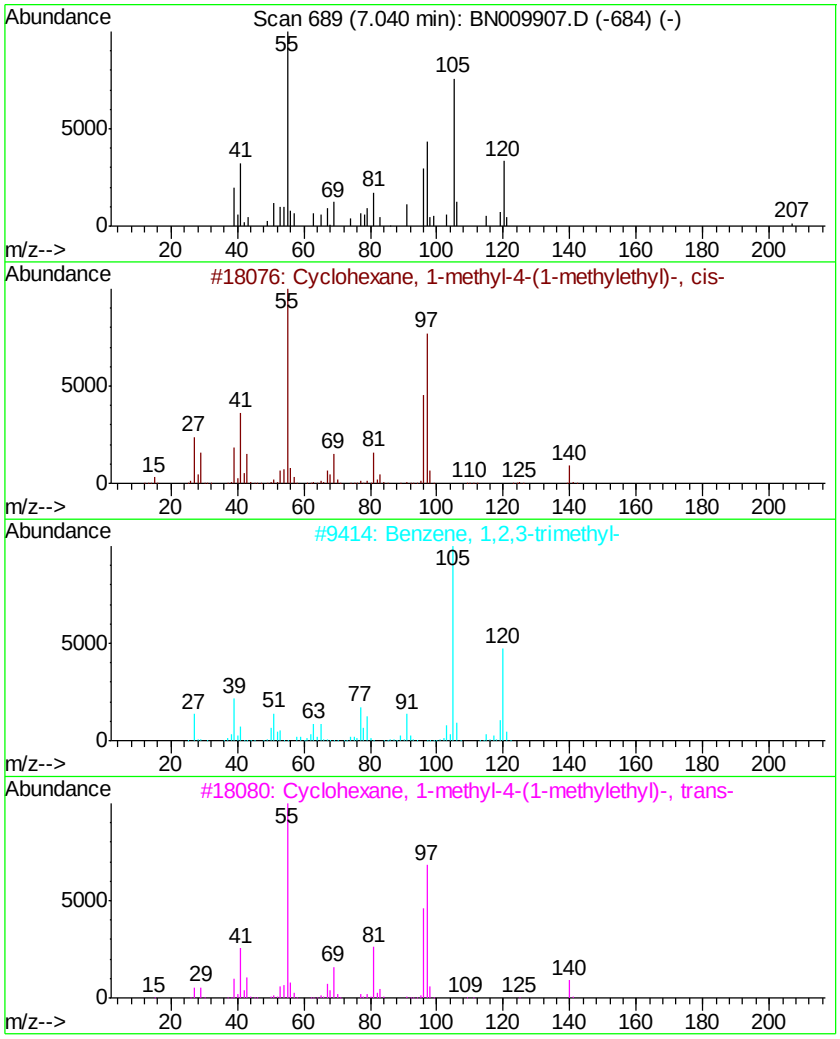
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

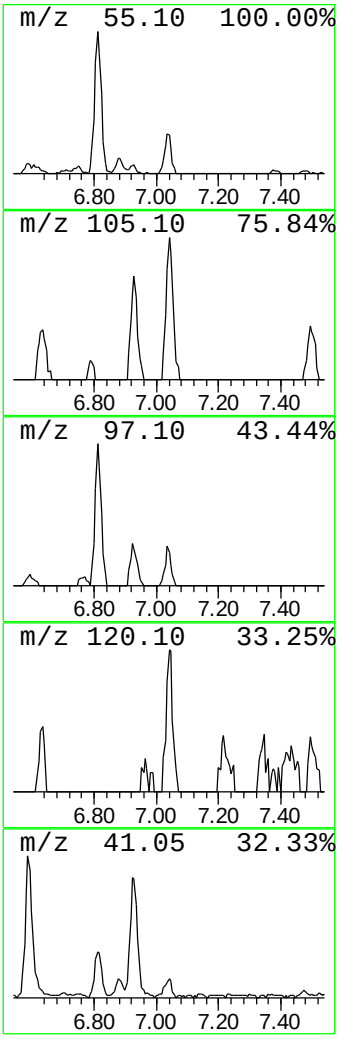
****

Peak Number 3 (DEL) Alkane: Cyclic7.04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	2.23 ng/ul	61866	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
4	Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	38
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

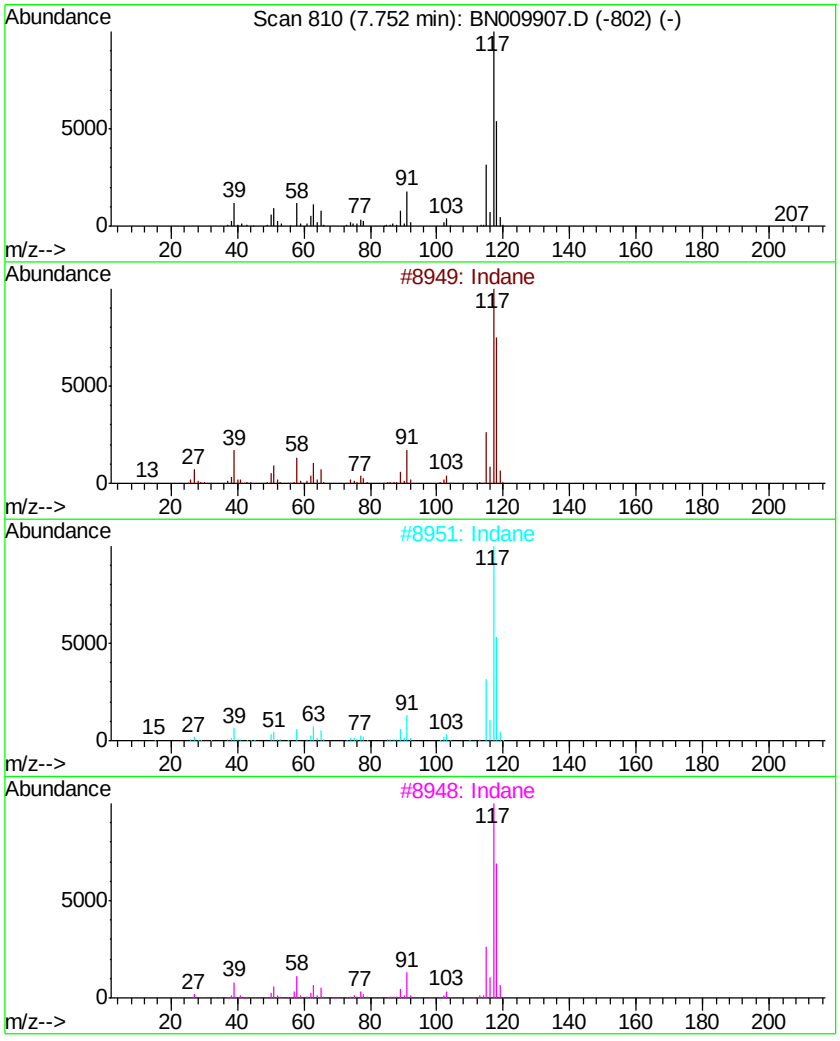
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

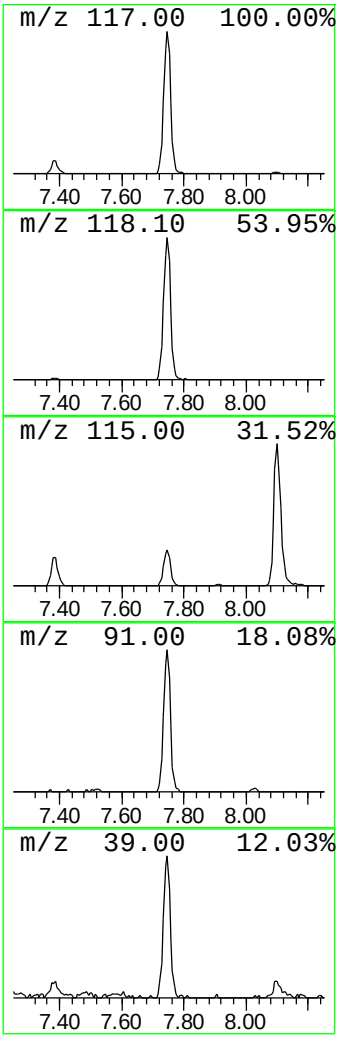
****

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	23.24 ng/ul	645523	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62





Library Search Compound Report

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Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

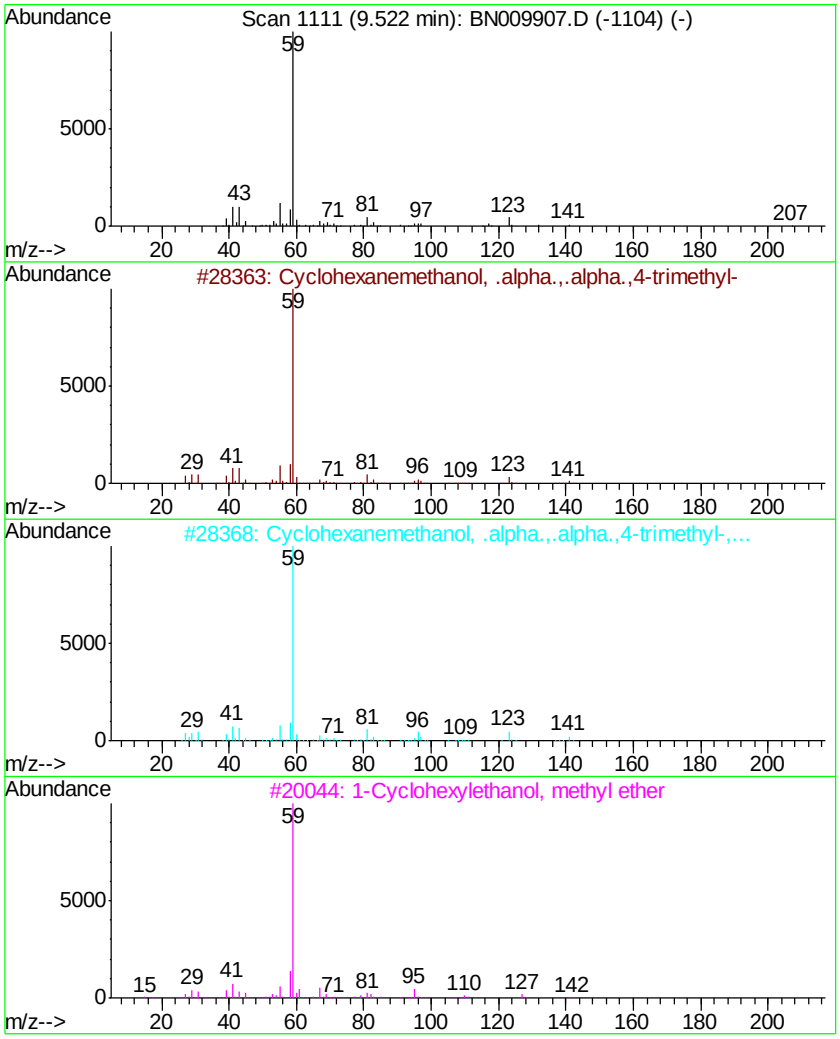
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

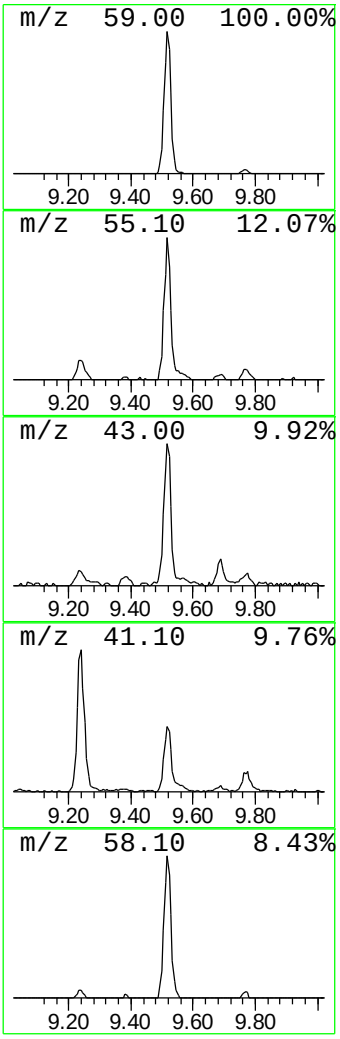
****

Peak Number 5 Cyclohexanemethanol, .alpha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	15.17 ng/ul	618087	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
3	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	64
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	45
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	43





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Sample : L1568-03
Misc :
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ClientSampleId : DBDA6

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Quant Title : SVOA CALIBRATION

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

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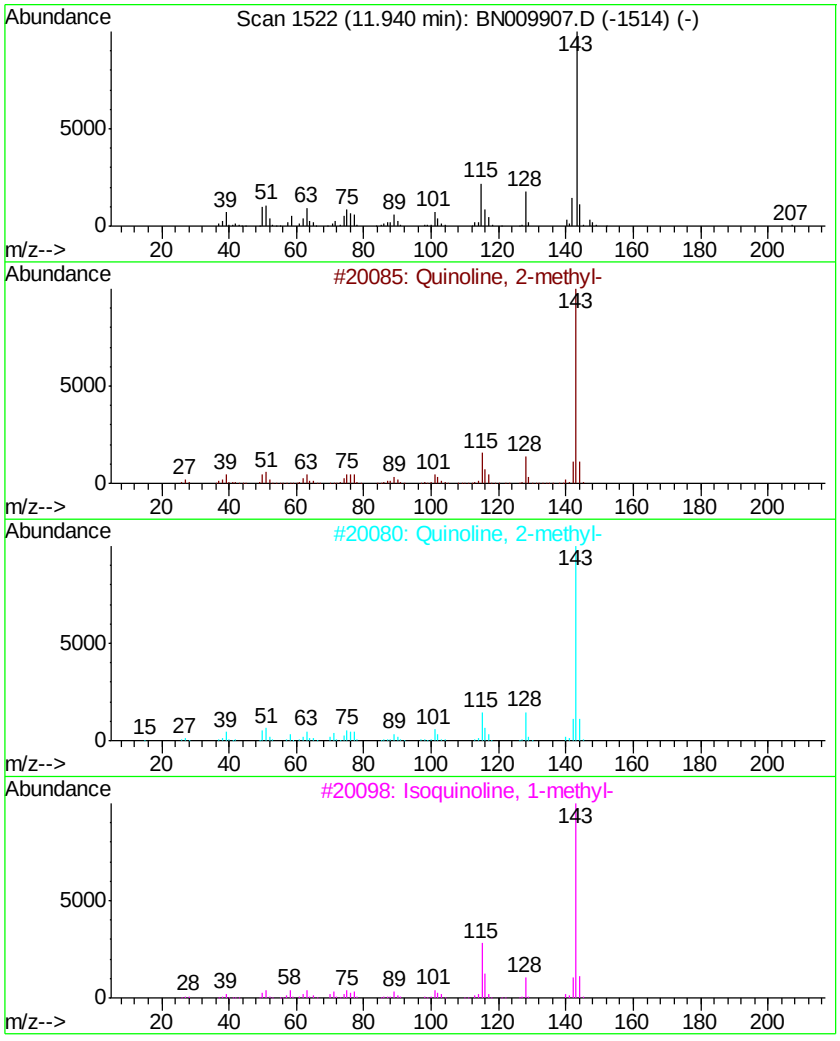
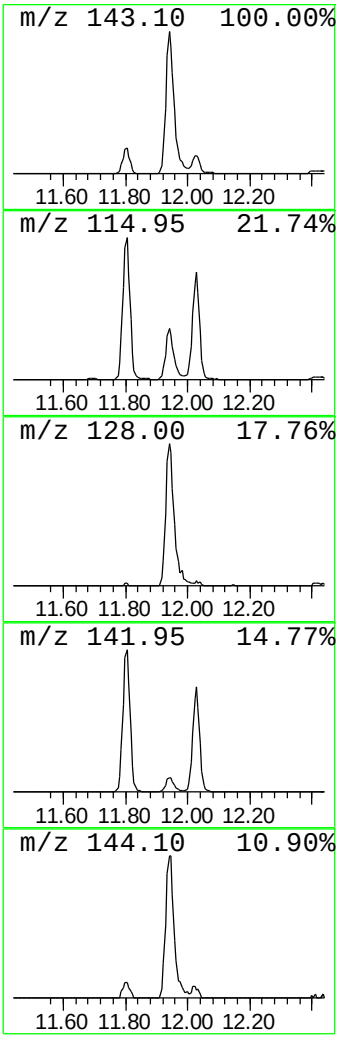
Peak Number 6 Quinoline, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	22.77 ng/ul	927826	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	93
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	91
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	90
5	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90





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Quant Title : SVOA CALIBRATION

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

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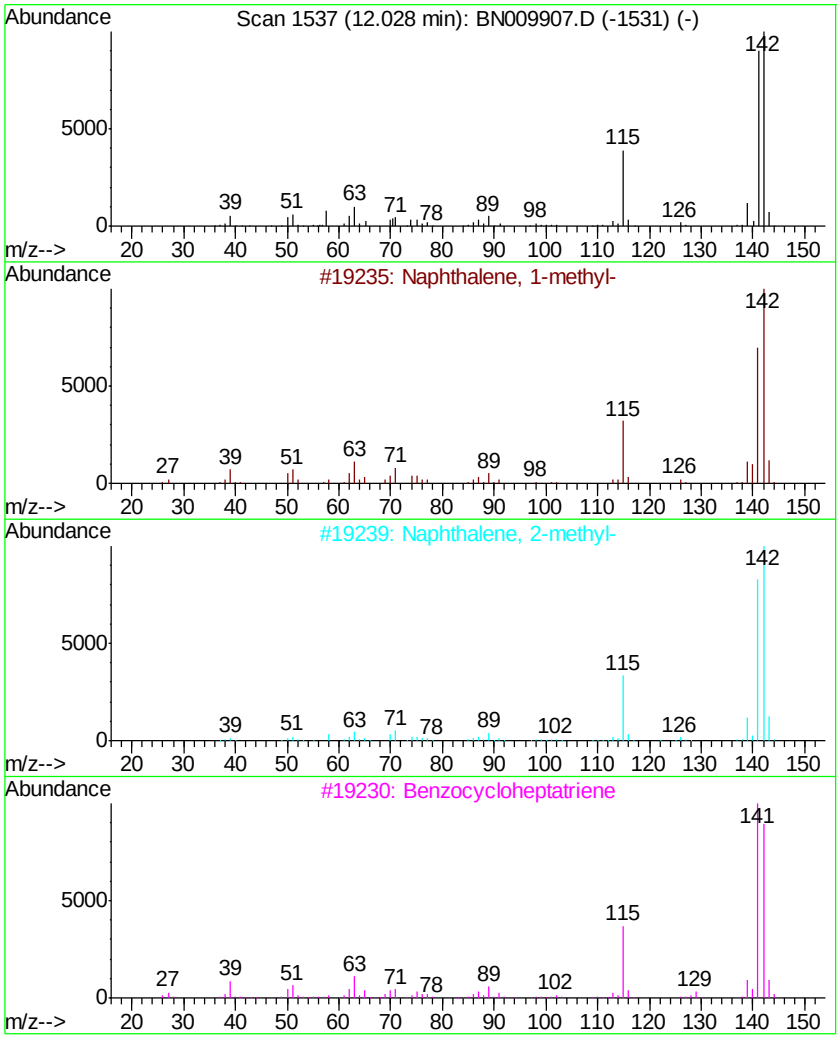
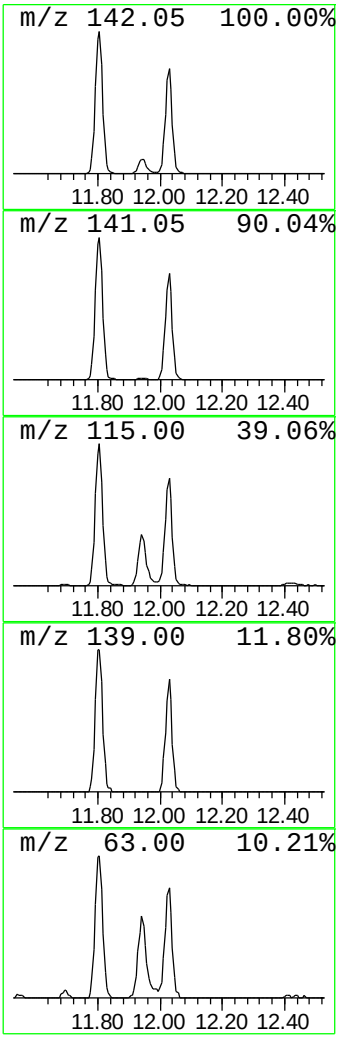
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	24.55 ng/ul	1000500	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





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Quant Title : SVOA CALIBRATION

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

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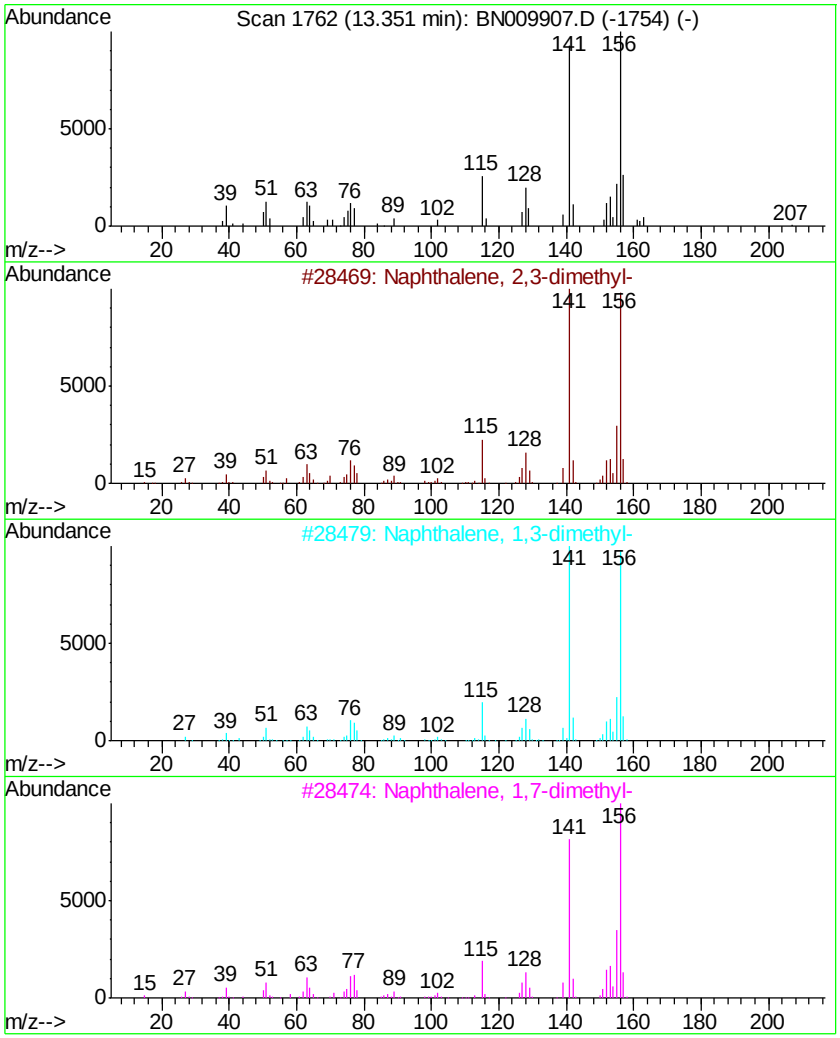
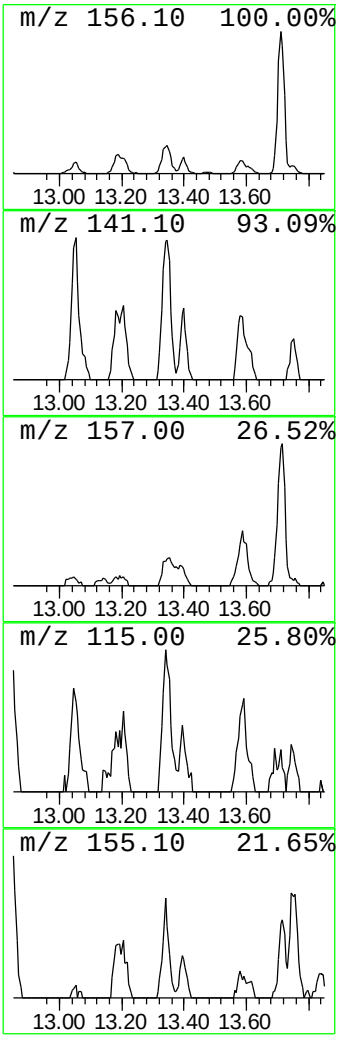
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.62 ng/ul	129276	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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Quant Title : SVOA CALIBRATION

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

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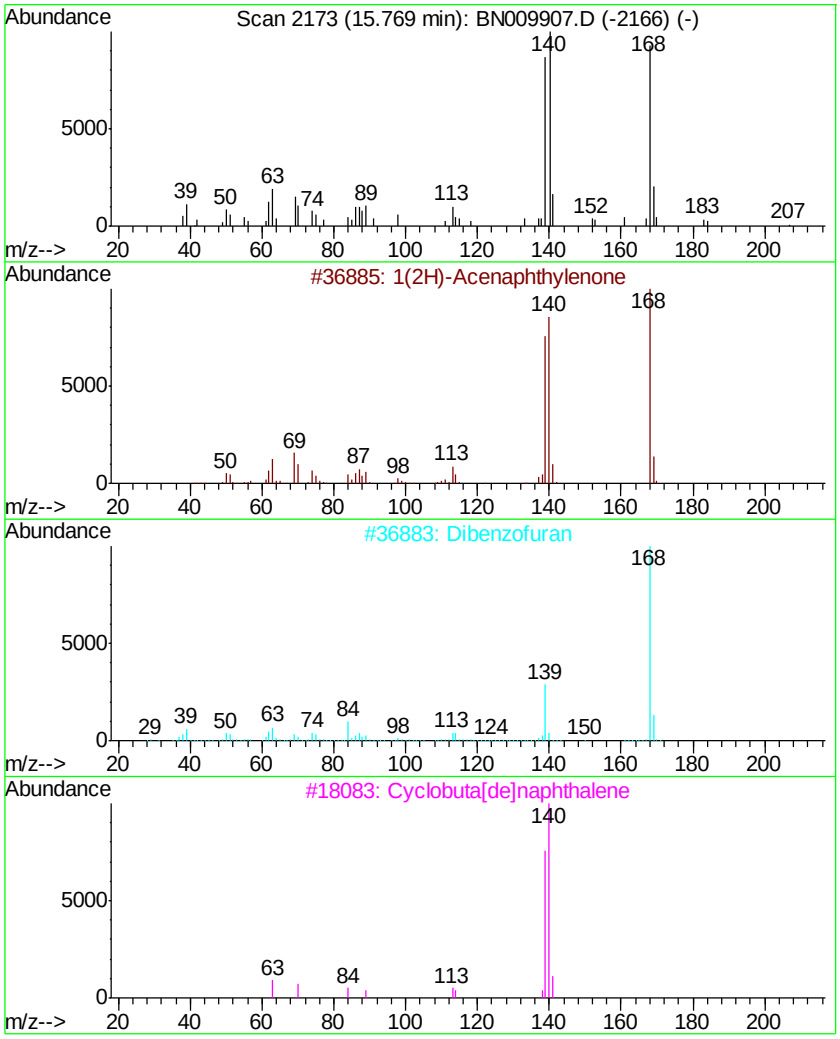
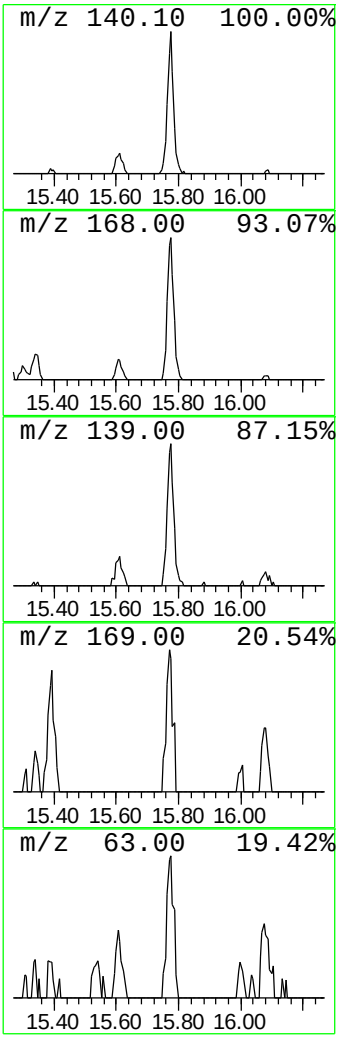
Peak Number 9 1(2H)-Acenaphthylenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.13 ng/ul	123816	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	Dibenzofuran	168	C12H8O	000132-64-9	53
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52
4	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	50
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47





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Quant Title : SVOA CALIBRATION

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

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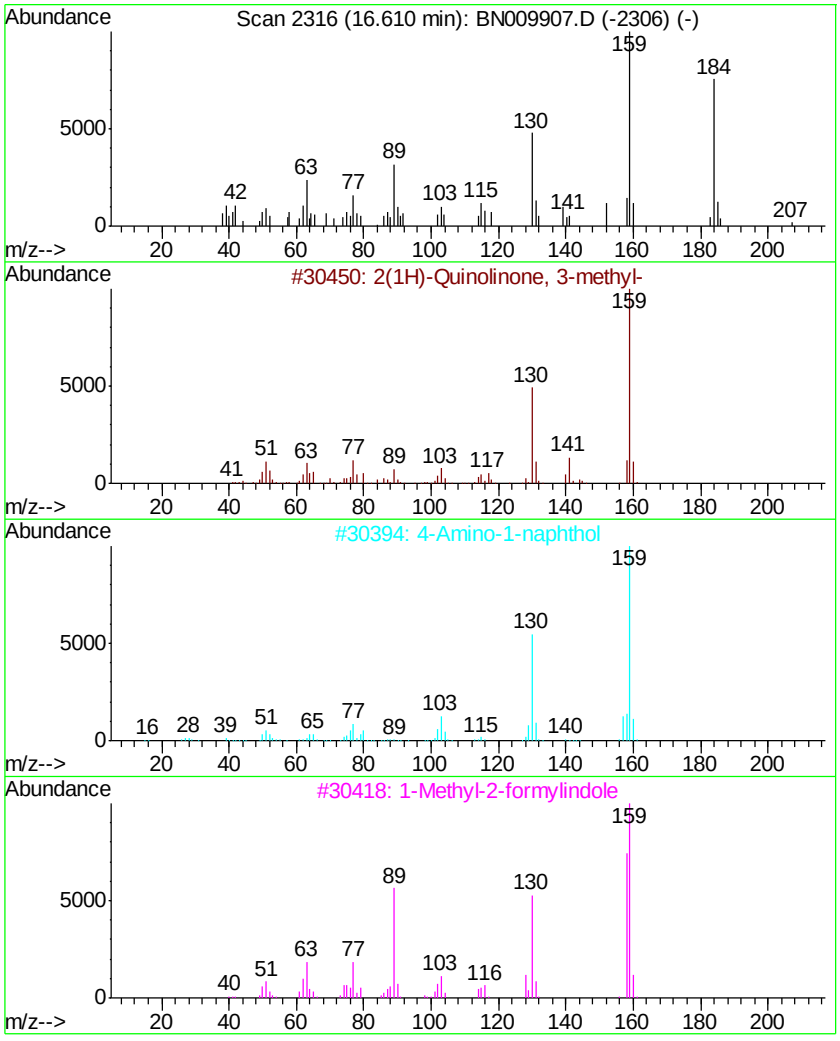
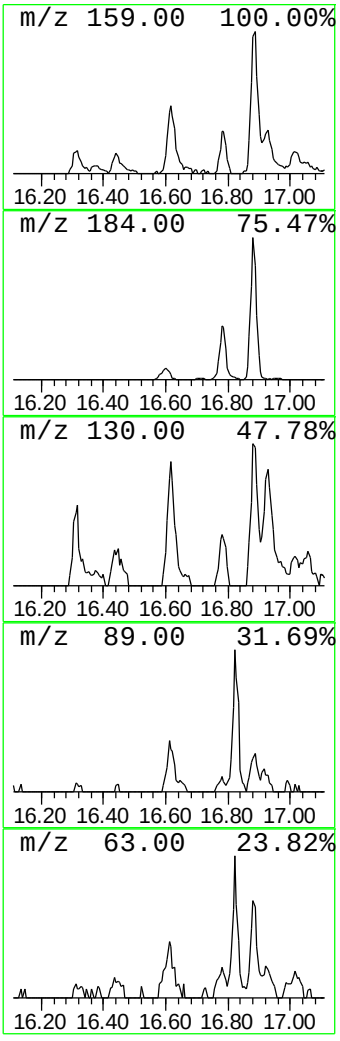
Peak Number 10 2(1H)-Quinolinone, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.21 ng/ul	128778	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	60
2	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	46
3	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	46
4	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	46
5	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	46





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Quant Title : SVOA CALIBRATION

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

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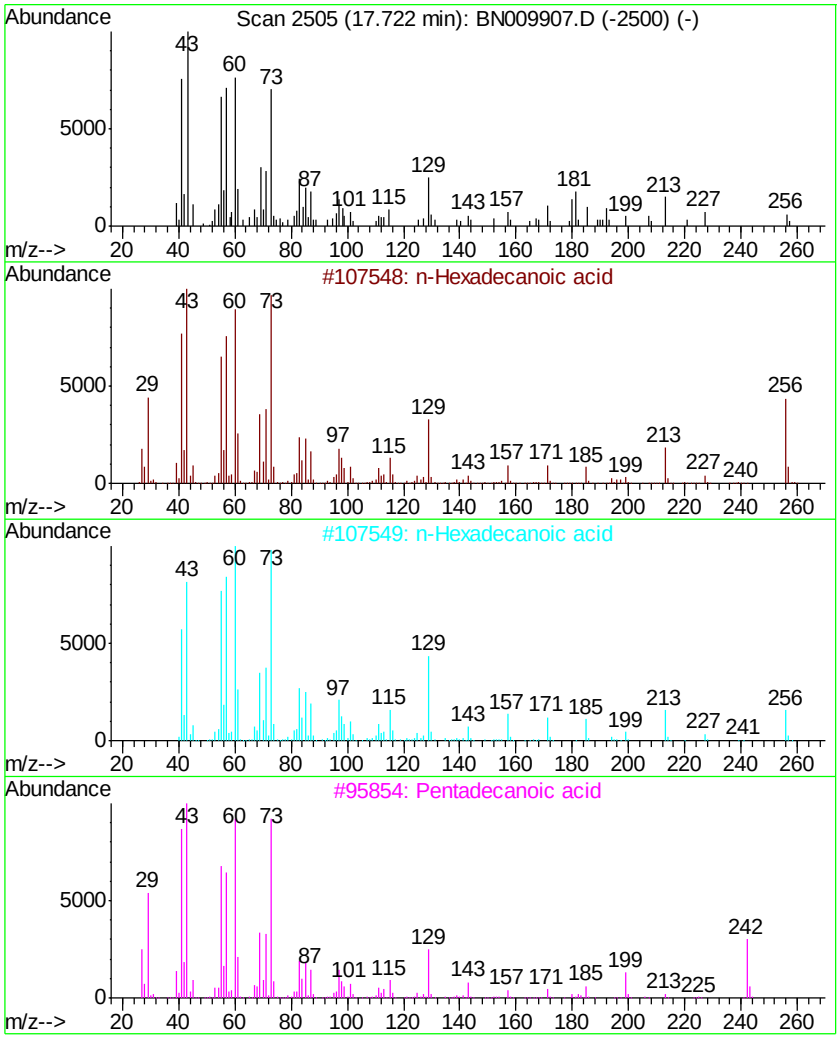
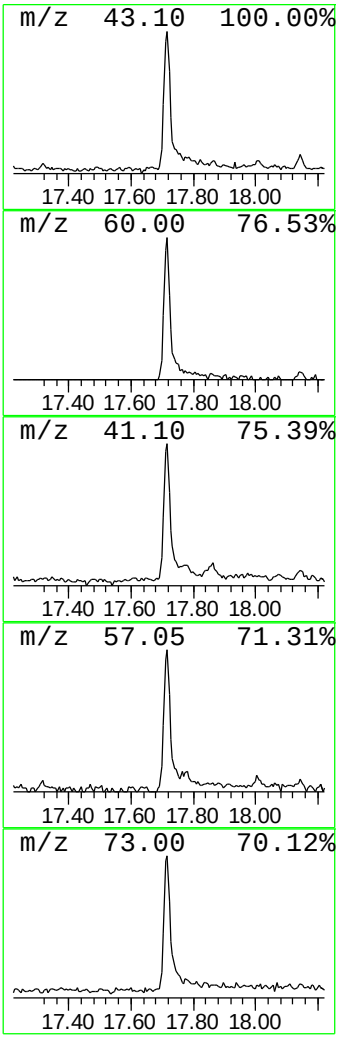
Peak Number 11 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	5.00 ng/ul	291021	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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Quant Title : SVOA CALIBRATION

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

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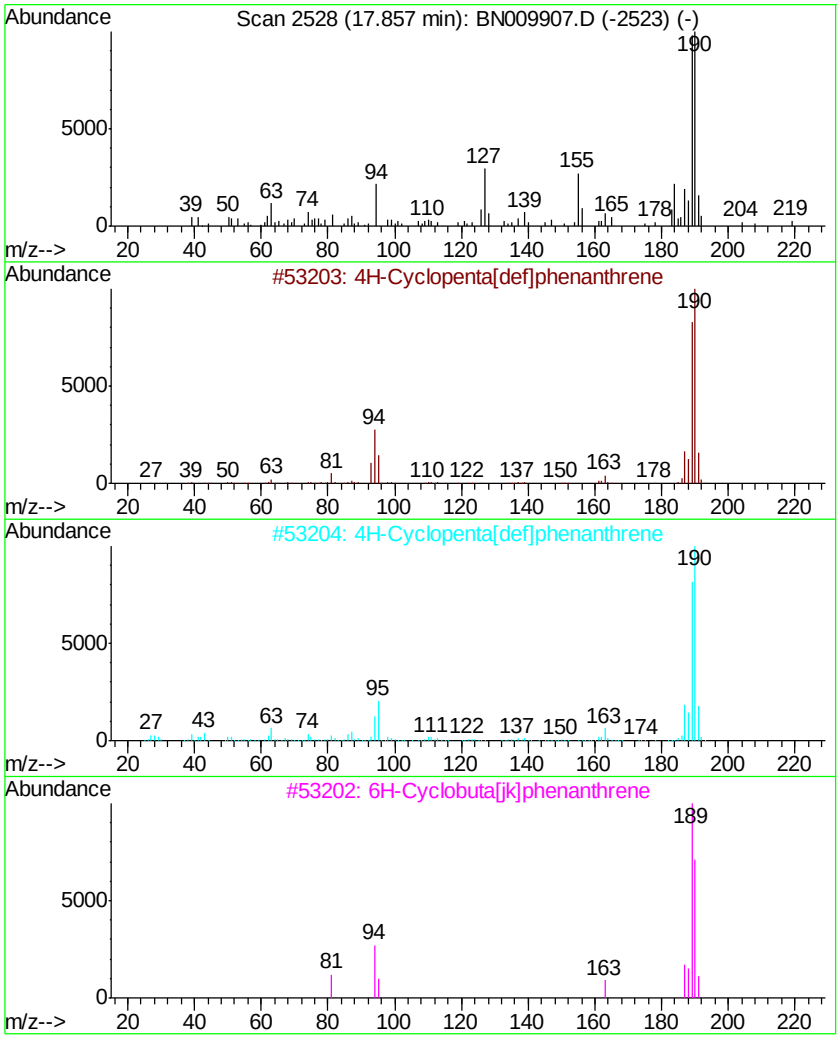
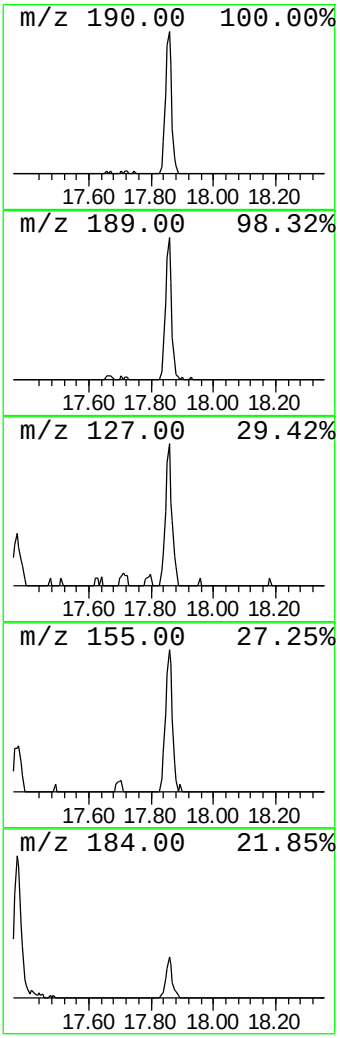
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.59 ng/ul	208559	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	47
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	43





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

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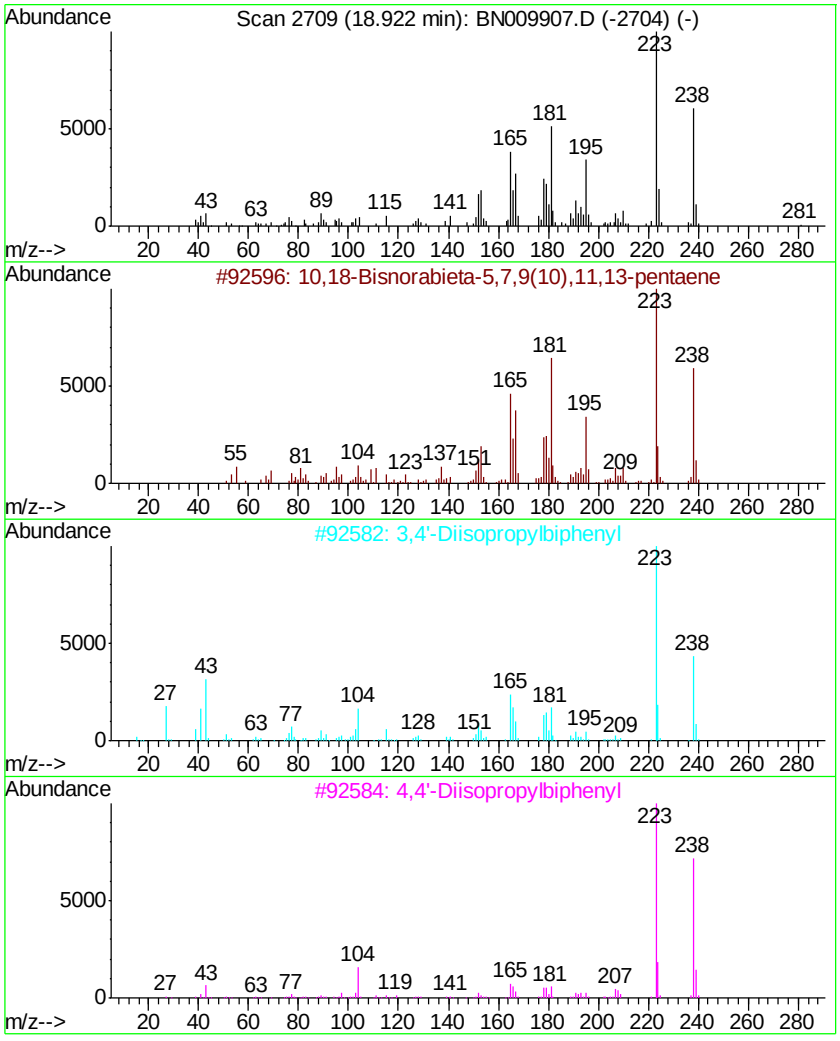
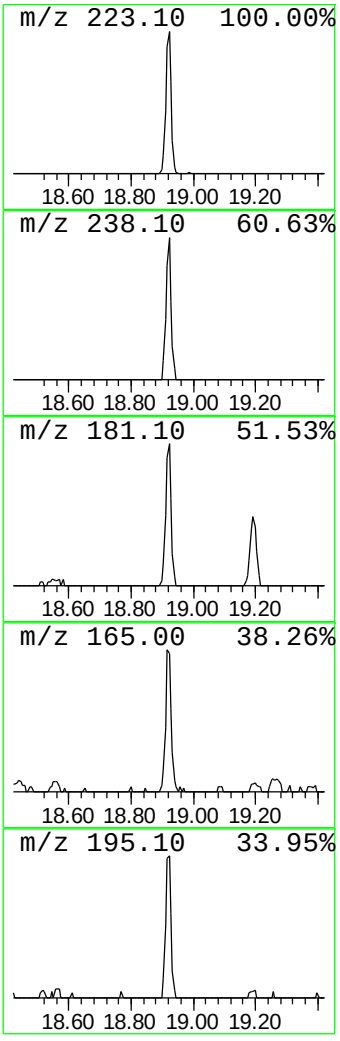
Peak Number 13 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.49 ng/ul	232068	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	58
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	55
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	50





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

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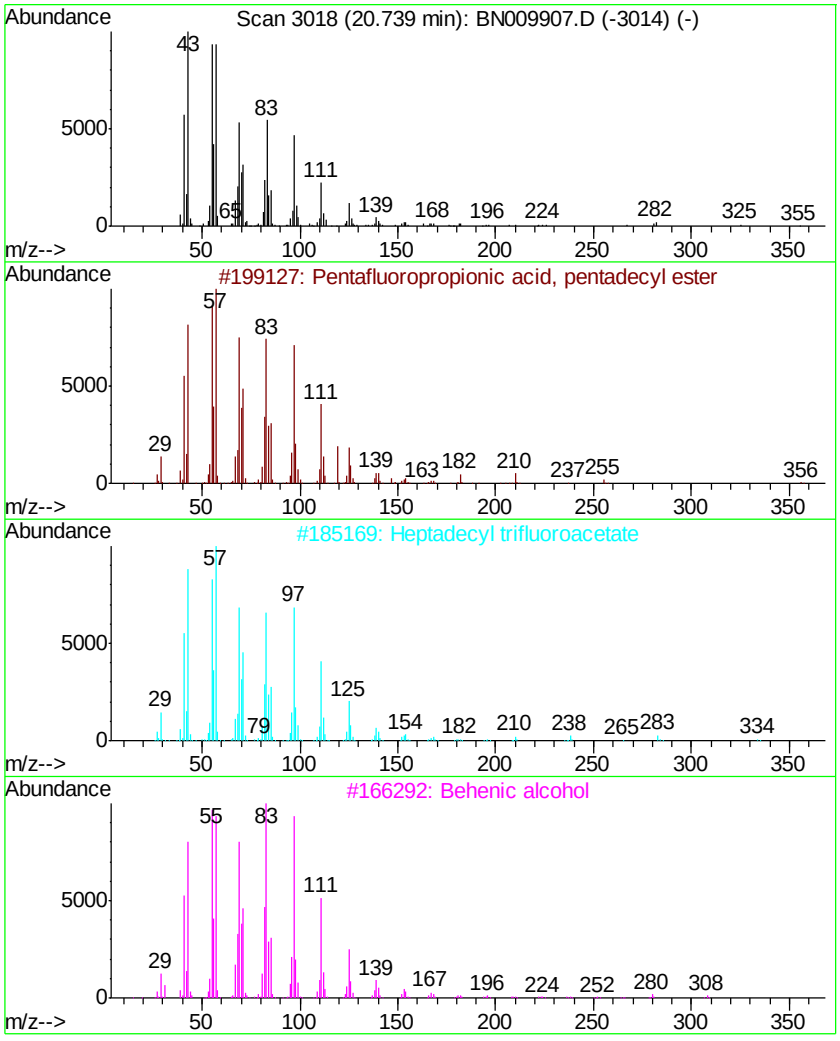
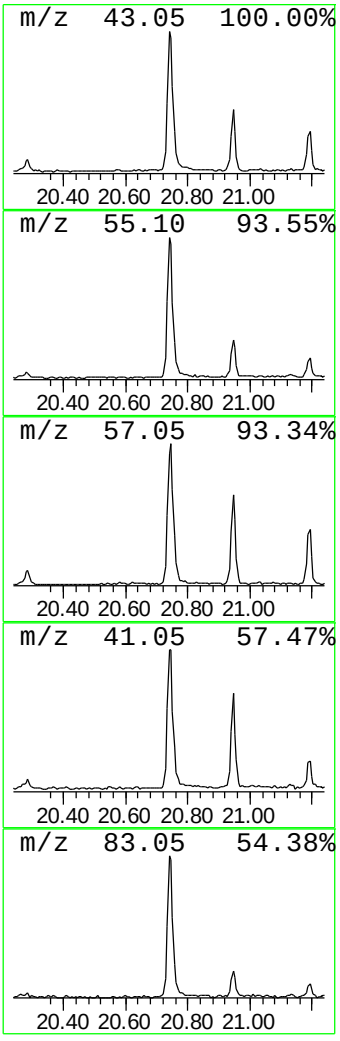
Peak Number 14 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	10.15 ng/ul	674792	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Quant Title : SVOA CALIBRATION

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

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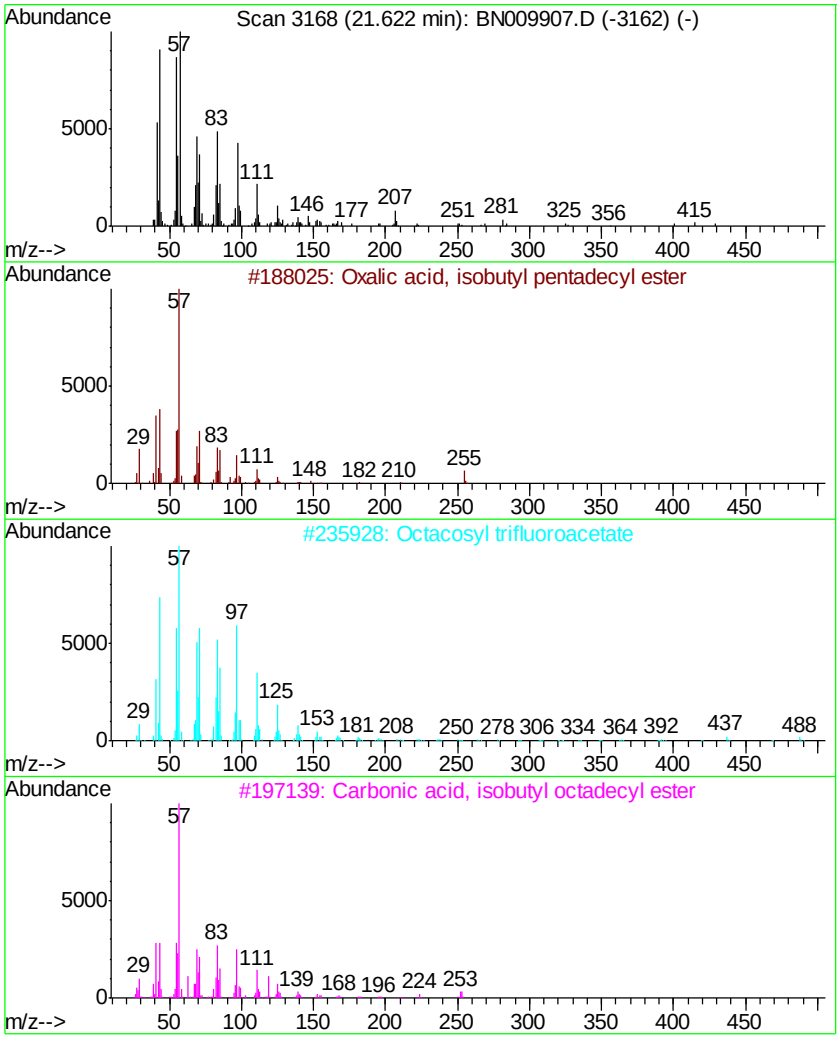
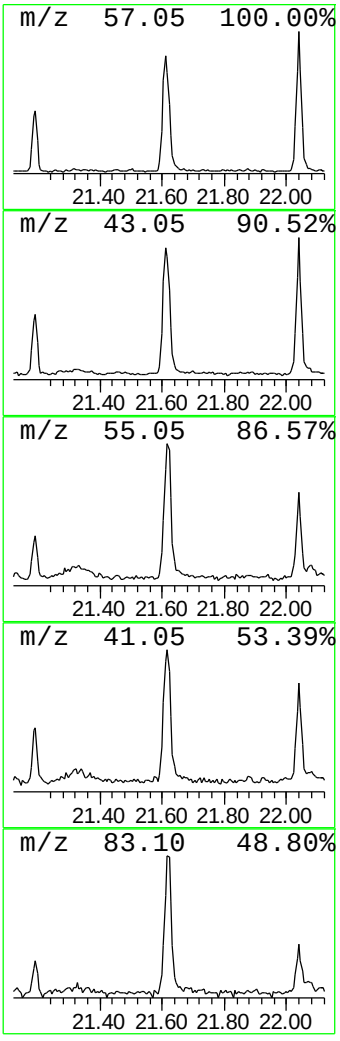
Peak Number 15 Oxalic acid, isobutyl penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	6.75 ng/ul	449042	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	87
4	9-Nonadecene	266	C19H38	031035-07-1	83
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83





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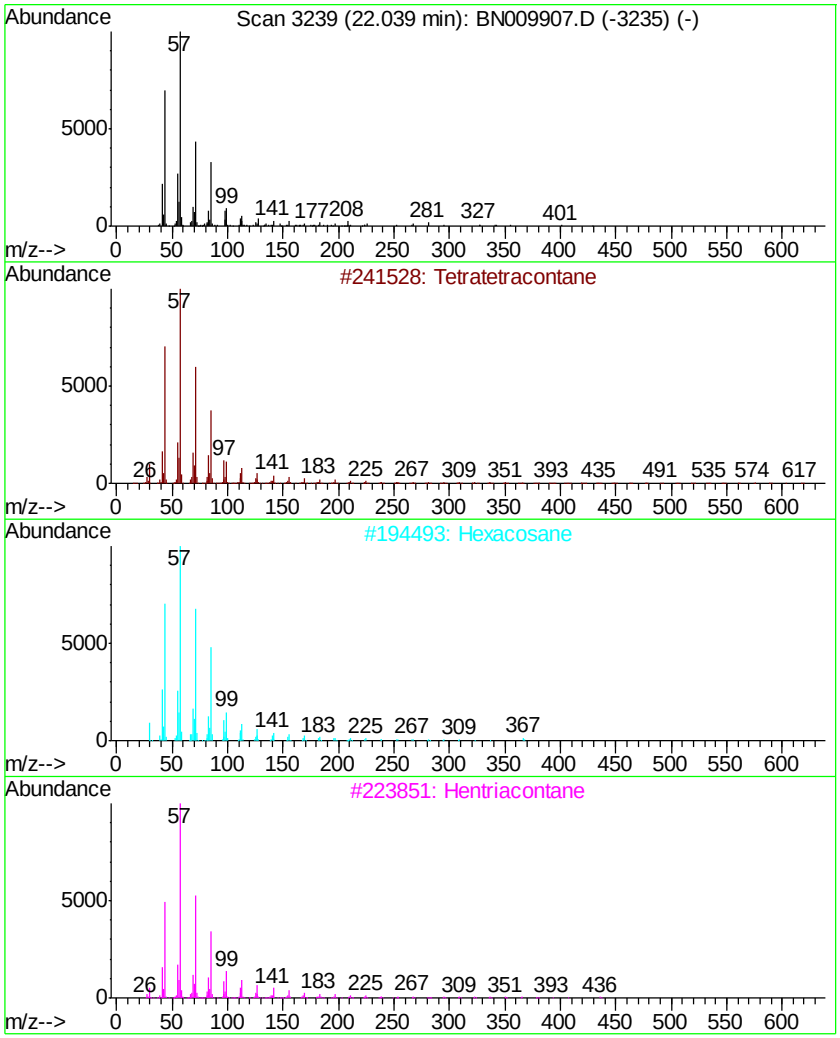
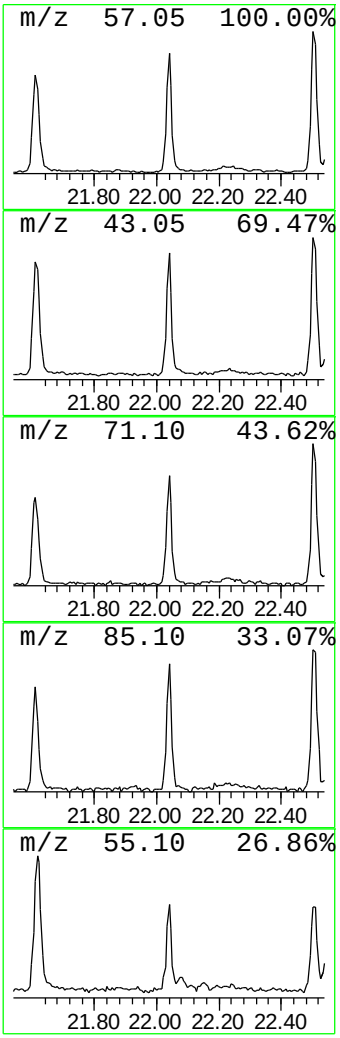
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	4.10 ng/ul	272438	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





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Quant Title : SVOA CALIBRATION

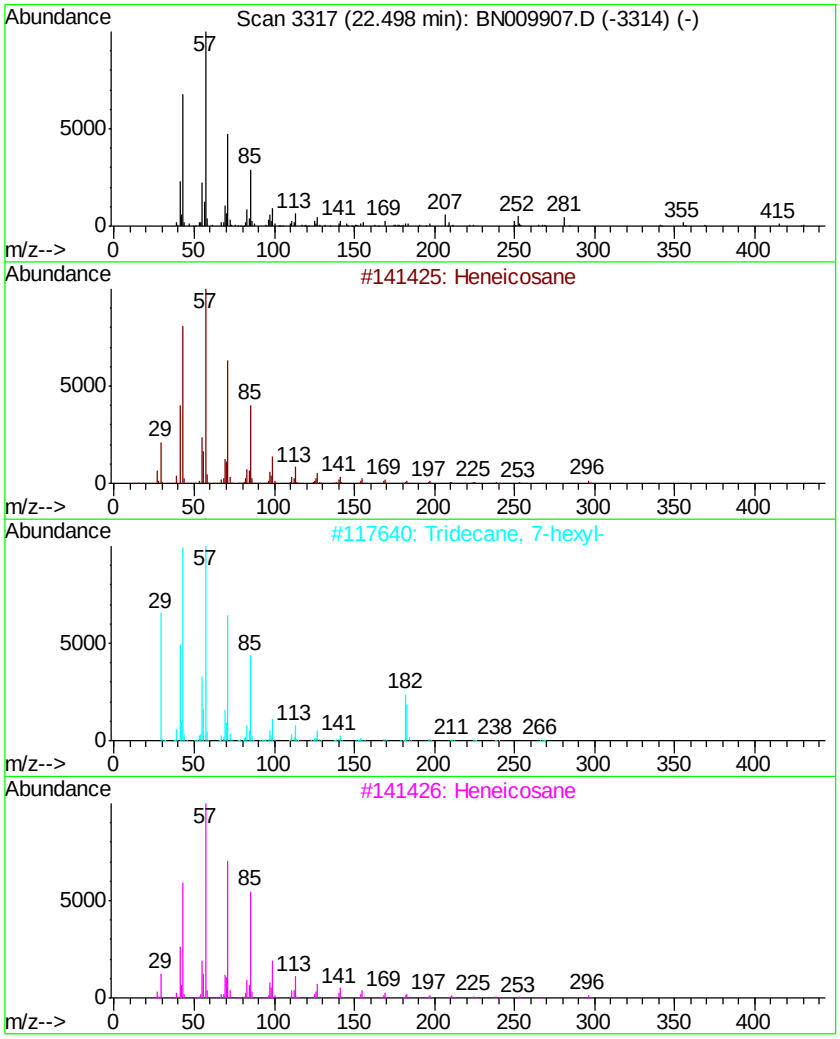
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

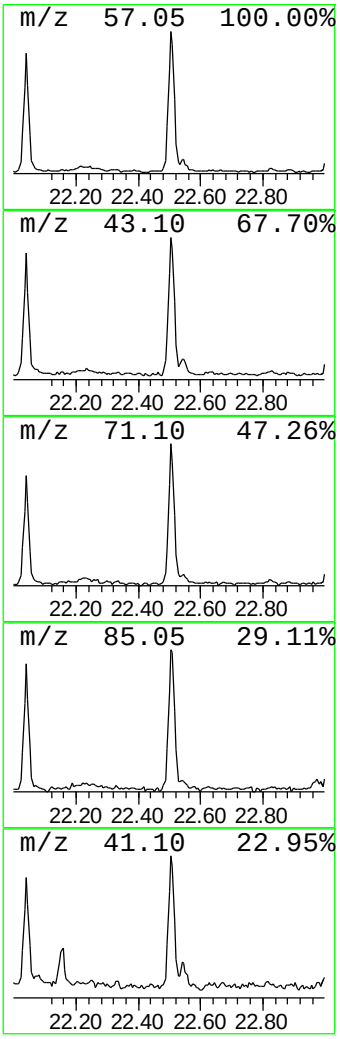
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	6.31 ng/ul	391690	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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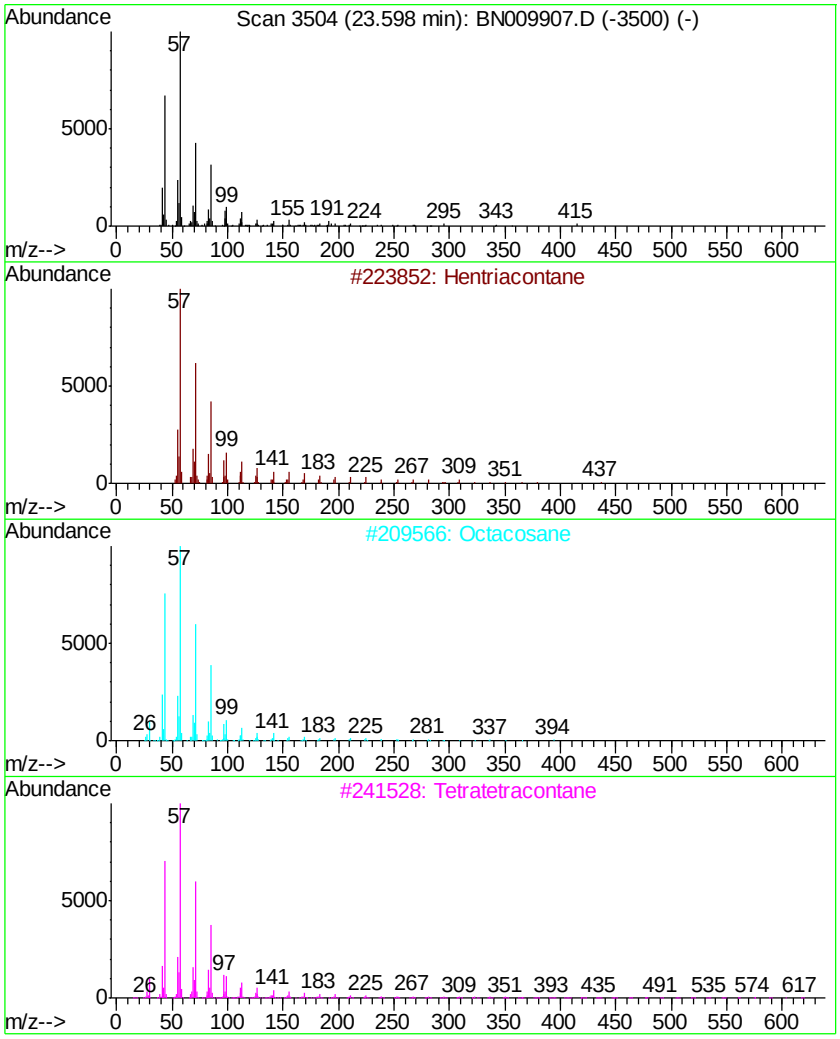
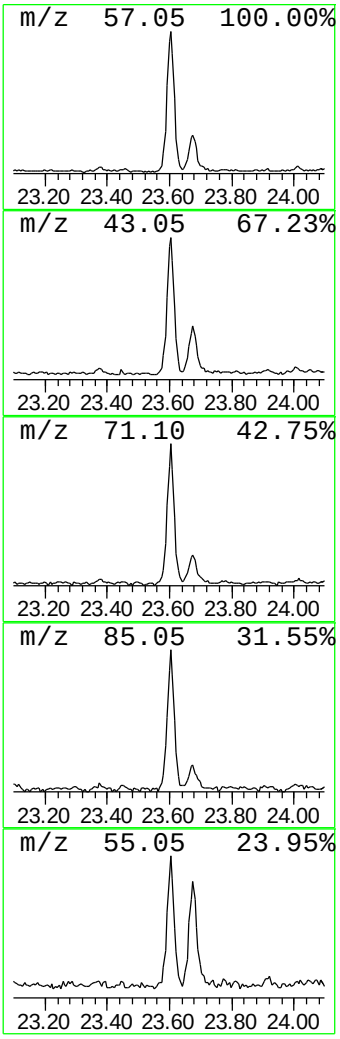
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	6.04 ng/ul	374894	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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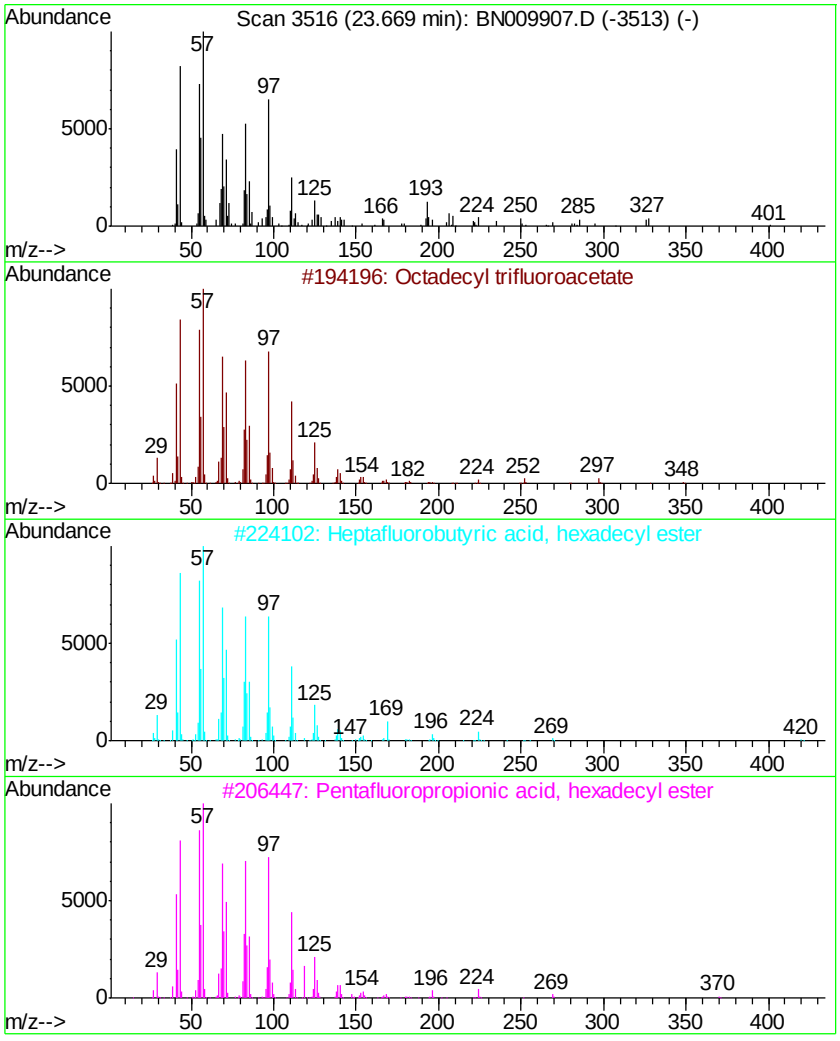
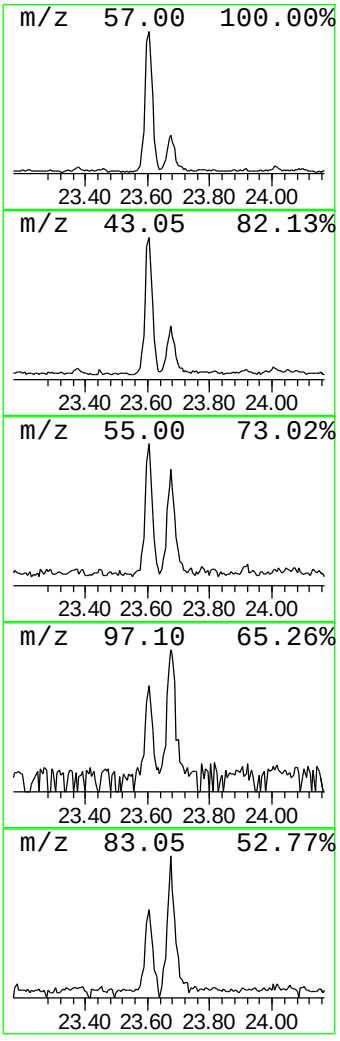
Peak Number 19 Octadecyl trifluoroacetate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	2.81 ng/ul	174565	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	76
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	76
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	76
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76





Library Search Compound Report

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Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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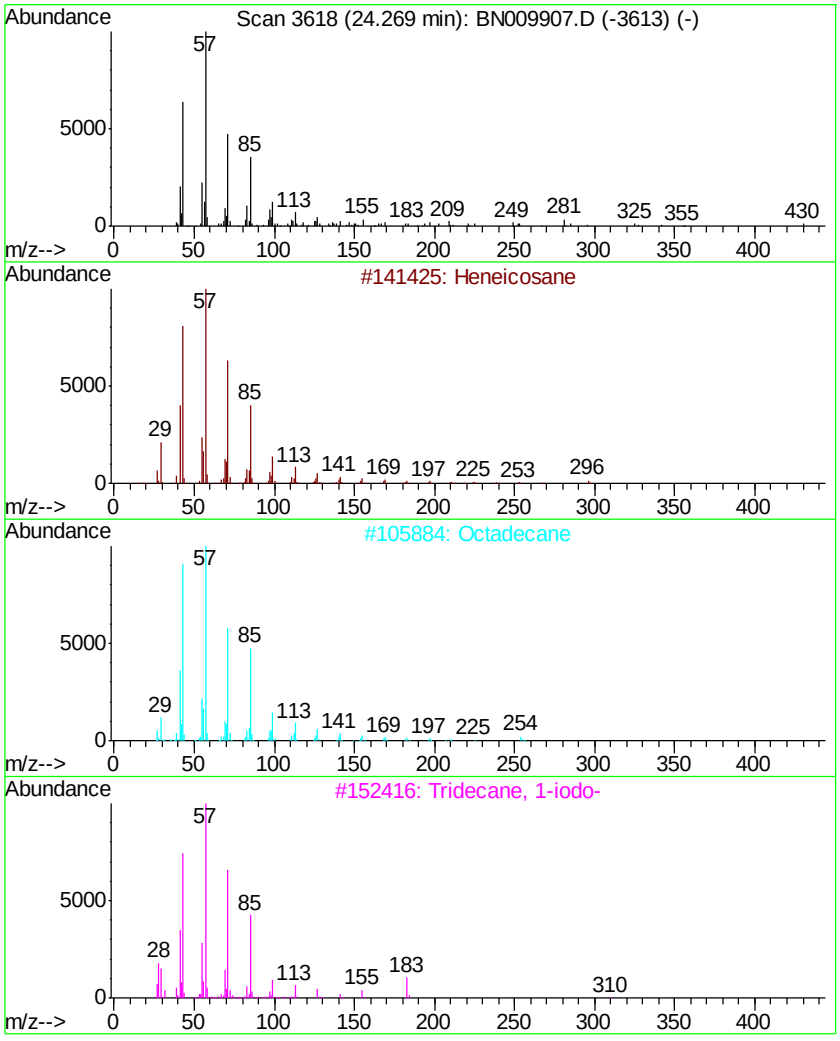
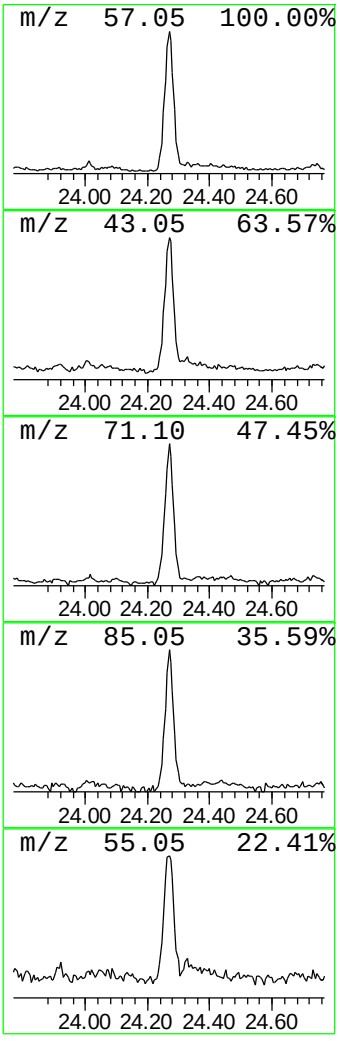
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	4.34 ng/ul	269211	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Heptacosane	380	C27H56	000593-49-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009907.D
Acq On : 25 Feb 2020 18:42
Operator : CG/JU
Sample : L1568-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
2-Pentanone, 4-hy...	4.62	2.6	ng/ul	73746	1	7.38	555571	20.0
(DEL) Alkane: Cyc...	6.81	5.1	ng/ul	140947	1	7.38	555571	20.0
(DEL) Alkane: Cyc...	7.04	2.2	ng/ul	61866	1	7.38	555571	20.0
Indane	7.75	23.2	ng/ul	645523	1	7.38	555571	20.0
Cyclohexanemethan...	9.52	15.2	ng/ul	618087	2	10.13	815052	20.0
Quinoline, 2-methyl-	11.94	22.8	ng/ul	927826	2	10.13	815052	20.0
Naphthalene, 1-me...	12.03	24.6	ng/ul	1000500	2	10.13	815052	20.0
Naphthalene, 2,3-...	13.35	2.6	ng/ul	129276	3	14.02	987924	20.0
1(2H)-Acenaphthyl...	15.77	2.1	ng/ul	123816	4	16.78	1163460	20.0
2(1H)-Quinolinone...	16.61	2.2	ng/ul	128778	4	16.78	1163460	20.0
n-Hexadecanoic acid	17.72	5.0	ng/ul	291021	4	16.78	1163460	20.0
4H-Cyclopenta[def...	17.86	3.6	ng/ul	208559	4	16.78	1163460	20.0
10,18-Bisnorabiet...	18.92	3.5	ng/ul	232068	5	21.00	1329820	20.0
Pentafluoropropio...	20.74	10.2	ng/ul	674792	5	21.00	1329820	20.0
Oxalic acid, isob...	21.62	6.8	ng/ul	449042	5	21.00	1329820	20.0
(DEL) Alkane: Str...	22.04	4.1	ng/ul	272438	5	21.00	1329820	20.0
(DEL) Alkane: Str...	22.50	6.3	ng/ul	391690	6	23.10	1240530	20.0
(DEL) Alkane: Str...	23.60	6.0	ng/ul	374894	6	23.10	1240530	20.0
Octadecyl trifluo...	23.67	2.8	ng/ul	174565	6	23.10	1240530	20.0
(DEL) Alkane: Str...	24.27	4.3	ng/ul	269211	6	23.10	1240530	20.0