LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000304.D
Acq On : 18 Sep 2019 18:01
Operator : HP/JU
Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.411	561	565	569	rBV	3609863	3192191	47.10%	3.492%
2	6.081	675	679	682	rBV	1350253	1189849	17.55%	1.302%
3	6.246	699	707	710	rBV	146986	132428	1.95%	0.145%
4	6.422	733	737	742	rBV	3640472	3535492	52.16%	3.868%
5	6.499	747	750	754	rVB	361089	291070	4.29%	0.318%
6	6.563	757	761	764	rBV	4093394	3714608	54.80%	4.063%
7	6.793	796	800	803	rBV	1719882	1470895	21.70%	1.609%
8	6.910	817	820	823	rBV	108039	94194	1.39%	0.103%
9	6.946	823	826	830	rVB	3865055	3146701	46.42%	3.442%
10	7.346	890	894	897	rBV	2674599	2235639	32.98%	2.446%
11	7.775	961	967	972	rBV	257289	291985	4.31%	0.319%
12	8.075	1014	1018	1020	rBV	2187735	1904596	28.10%	2.083%
13	8.099	1020	1022	1024	rVV2	236694	185367	2.73%	0.203%
14	8.122	1024	1026	1032	rVB4	76098	112395	1.66%	0.123%
15	9.152	1197	1201	1204	rBV	6932956	5461177	80.57%	5.974%
16	9.281	1220	1223	1226	rBV2	133942	130013	1.92%	0.142%
17	9.493	1257	1259	1262	rVB2	168189	116667	1.72%	0.128%
18	9.540	1264	1267	1273	rBV	502738	475538	7.02%	0.520%
19	9.687	1290	1292	1295	rBV	116834	104916	1.55%	0.115%
20	9.751	1299	1303	1305	rBV	103819	94653	1.40%	0.104%
21	9.834	1310	1317	1320	rBV	2957032	2564048	37.83%	2.805%
22	9.863	1320	1322	1329	rVB4	97431	111746	1.65%	0.122%
23	9.957	1333	1338	1342	rBV	190578	183041	2.70%	0.200%
24	10.351	1402	1405	1408	rBV	100156	79484	1.17%	0.087%
25	10.493	1423	1429	1431	rBV6	50539	91954	1.36%	0.101%
26	10.622	1447	1451	1455	rBV	4222180	3596600	53.06%	3.934%
27	10.663	1456	1458	1462	rVB3	98533	89975	1.33%	0.098%
28	10.751	1470	1473	1480	rVB3	107531	163309	2.41%	0.179%
29	10.840	1484	1488	1492	rBV2	113565	146890	2.17%	0.161%
30	10.987	1509	1513	1517	rVB3	91532	117974	1.74%	0.129%
31	11.328	1567	1571	1573	rBV	2812583	2605390	38.44%	2.850%
32	11.345	1573	1574	1576	rVV	481083	398974	5.89%	0.436%
33	11.363	1576	1577	1580	rVV	441071	352881	5.21%	0.386%
34	11.393	1580	1582	1586	rVB2	247589	280765	4.14%	0.307%

LSC Area Percent Report

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Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.434	1586	1589	1593	rBV3	74025	97628	1.44%	0.107%
36	11.469	1593	1595	1598	rBV	108285	81124	1.20%	0.089%
37	11.551	1606	1609	1612	rBV2	245975	210525	3.11%	0.230%
38	11.828	1653	1656	1659	rBV2	304282	316833	4.67%	0.347%
39	11.869	1659	1663	1668	rVV2	1314921	1270447	18.74%	1.390%
40	11.945	1673	1676	1678	rVV2	125933	121484	1.79%	0.133%
41	12.045	1689	1693	1699	rBV7	181088	269072	3.97%	0.294%
42	12.128	1703	1707	1709	rVV3	96772	137582	2.03%	0.151%
43	12.151	1709	1711	1716	rVB3	99814	105708	1.56%	0.116%
44	12.263	1727	1730	1732	rBV3	154312	174246	2.57%	0.191%
45	12.287	1732	1734	1737	rVB	188197	153591	2.27%	0.168%
46	12.322	1737	1740	1744	rBV3	144341	195294	2.88%	0.214%
47	12.387	1748	1751	1753	rBV	139602	155784	2.30%	0.170%
48	12.410	1753	1755	1758	rBV3	128406	134519	1.98%	0.147%
49	12.498	1768	1770	1774	rVB2	112257	146526	2.16%	0.160%
50	12.551	1775	1779	1782	rBV	1067753	1120735	16.53%	1.226%
51	12.581	1782	1784	1788	rVV2	451604	527035	7.78%	0.577%
52	12.622	1788	1791	1795	rVV4	272999	390174	5.76%	0.427%
53	12.657	1795	1797	1802	rVB2	244286	231784	3.42%	0.254%
54	12.728	1807	1809	1812	rBV2	112282	82350	1.21%	0.090%
55	12.781	1812	1818	1820	rBV	998417	1007023	14.86%	1.102%
56	12.810	1820	1823	1826	rVB3	213620	232027	3.42%	0.254%
57	12.928	1838	1843	1846	rBV	7404701	6778132	100.00%	7.415%
58	13.034	1858	1861	1865	rBV	1035434	917821	13.54%	1.004%
59	13.110	1872	1874	1876	rBV2	174488	163914	2.42%	0.179%
60	13.134	1876	1878	1881	rVB	719021	527633	7.78%	0.577%
61	13.198	1887	1889	1893	rVB2	325234	291117	4.29%	0.318%
62	13.240	1893	1896	1897	rBV	342597	309318	4.56%	0.338%
63	13.298	1903	1906	1911	rVB	2210455	2067065	30.50%	2.261%
64	13.345	1911	1914	1916	rBV2	270419	331945	4.90%	0.363%
65	13.428	1926	1928	1929	rBV	159737	137009	2.02%	0.150%
66	13.463	1931	1934	1941	rVB5	709308	1048675	15.47%	1.147%
67	13.598	1954	1957	1959	rBV2	219177	246034	3.63%	0.269%
68	13.669	1966	1969	1972	rBV2	546227	658541	9.72%	0.720%
69	13.698	1972	1974	1978	rVB	742902	708667	10.46%	0.775%
70	13.804	1988	1992	1995	rBV2	1357568	1215605	17.93%	1.330%
71	13.851	1997	2000	2010	rVB	967723	989247	14.59%	1.082%

LSC Area Percent Report

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Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.945	2014	2016	2019	rVV	404614	453037	6.68%	0.496%
73	13.992	2019	2024	2027	rVV2	2907334	3576413	52.76%	3.912%
74	14.016	2027	2028	2031	rVB	671561	413921	6.11%	0.453%
75	14.481	2104	2107	2108	rBV2	424050	448540	6.62%	0.491%
76	14.863	2170	2172	2179	rVB2	353969	399118	5.89%	0.437%
77	14.934	2181	2184	2190	rVB	1001233	1064979	15.71%	1.165%
78	15.039	2199	2202	2213	rVB	525340	1061540	15.66%	1.161%
79	15.139	2215	2219	2221	rVV	1712221	2000297	29.51%	2.188%
80	15.169	2221	2224	2231	rVB	1506897	2063537	30.44%	2.257%
81	15.351	2252	2255	2260	rVB	336866	412511	6.09%	0.451%
82	15.410	2262	2265	2272	rVB	456205	548261	8.09%	0.600%
83	15.481	2272	2277	2280	rBV	1739563	2176795	32.11%	2.381%
84	15.728	2315	2319	2330	rVB	727665	1014547	14.97%	1.110%
85	15.975	2356	2361	2366	rBV	1570114	2388439	35.24%	2.613%
86	16.033	2366	2371	2378	rVB	800960	1480471	21.84%	1.620%
87	16.128	2384	2387	2396	rVB2	426096	612565	9.04%	0.670%
88	16.792	2495	2500	2504	rBV3	416175	838479	12.37%	0.917%
89	17.104	2549	2553	2559	rBV	303333	565129	8.34%	0.618%
90	17.598	2630	2637	2651	rVB4	1555970	4149703	61.22%	4.539%
91	18.410	2769	2775	2778	rBV5	360953	886704	13.08%	0.970%
92	18.633	2806	2813	2827	rVB2	924972	2643713	39.00%	2.892%

Sum of corrected areas: 91414318

LSC Report - Integrated Chromatogram

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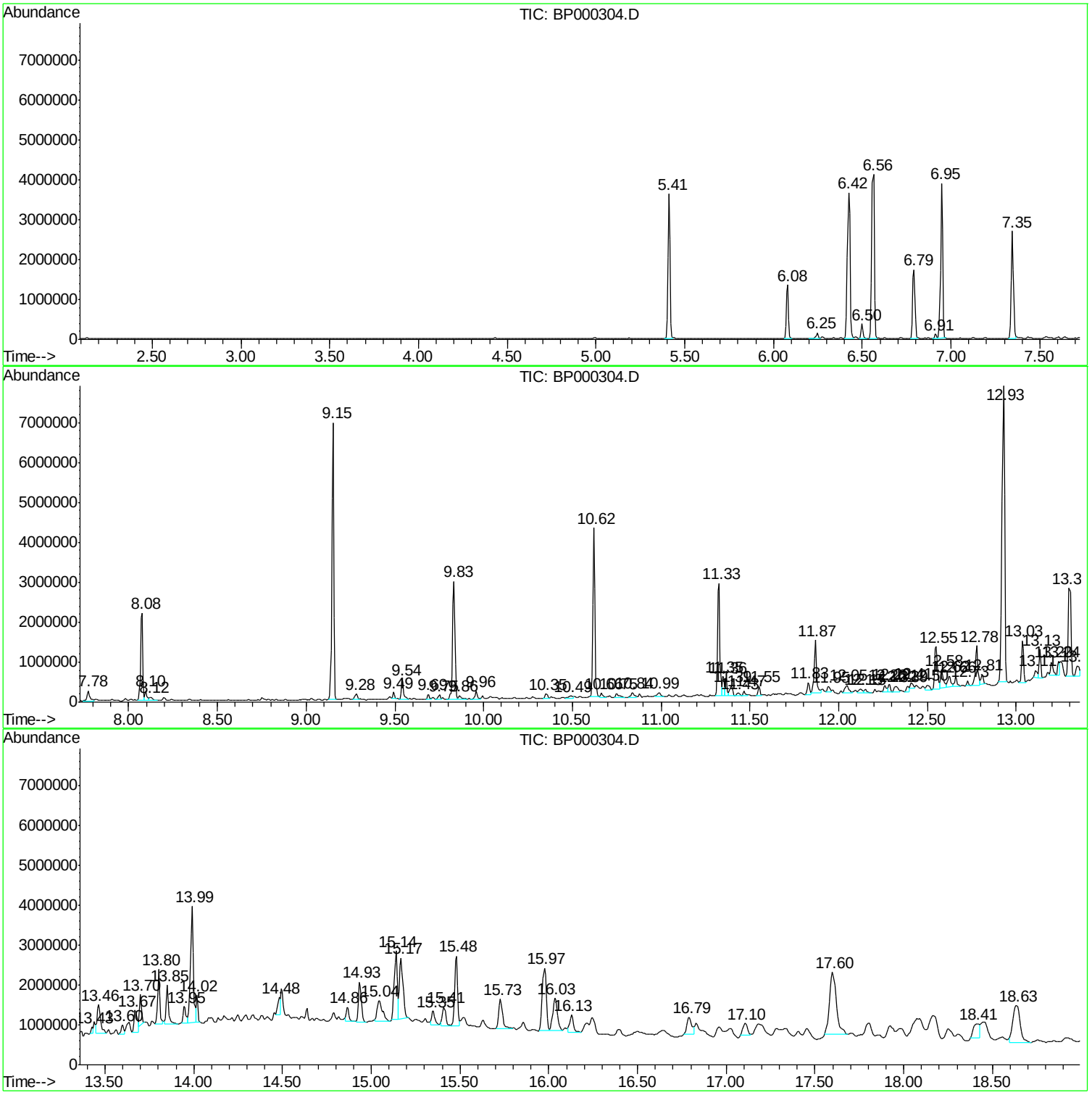
Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
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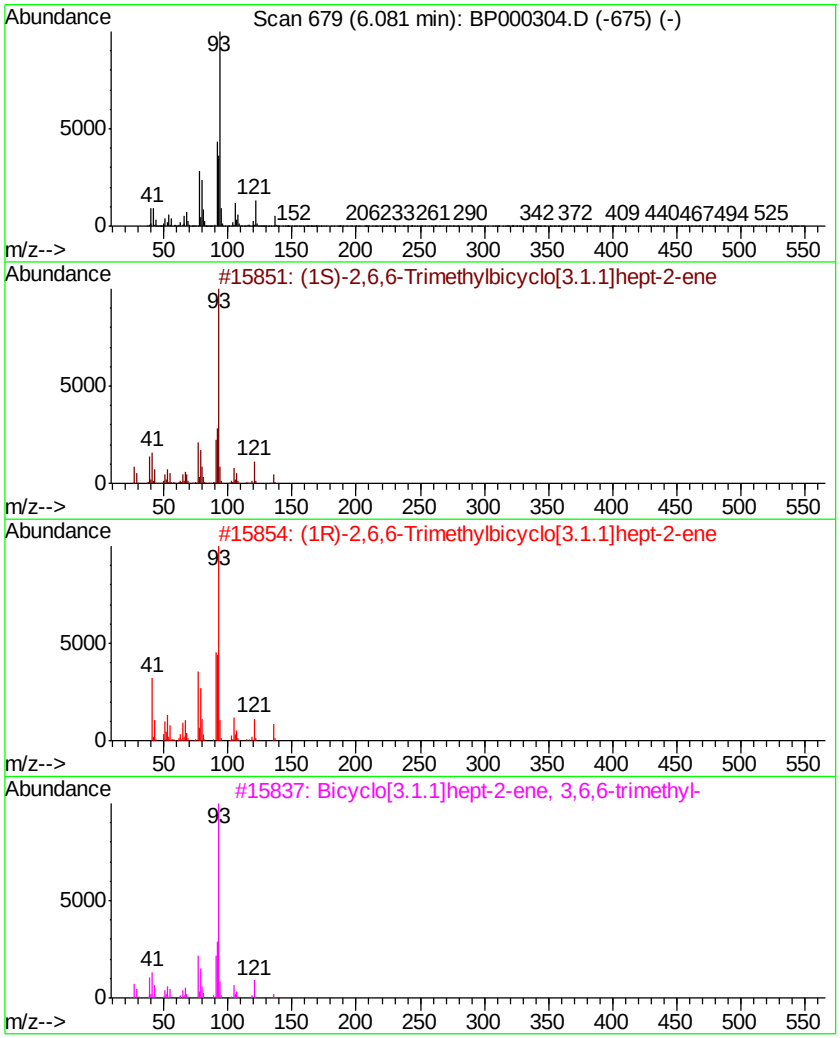
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

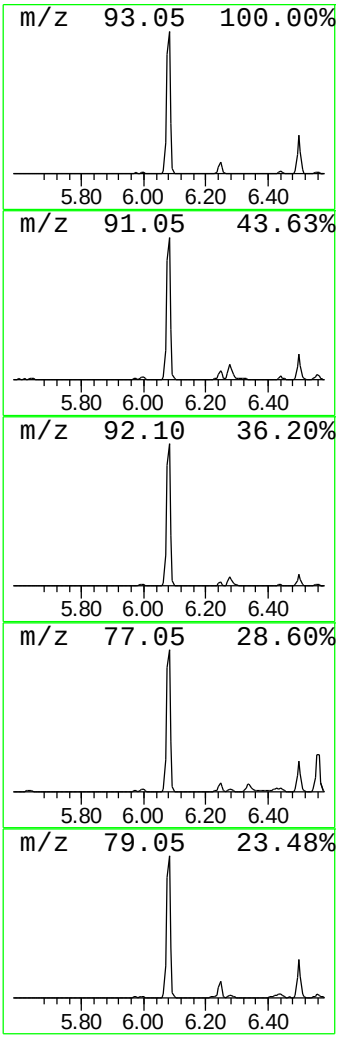
****

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	16.18 ng	1189850	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	96
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : 290-371

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

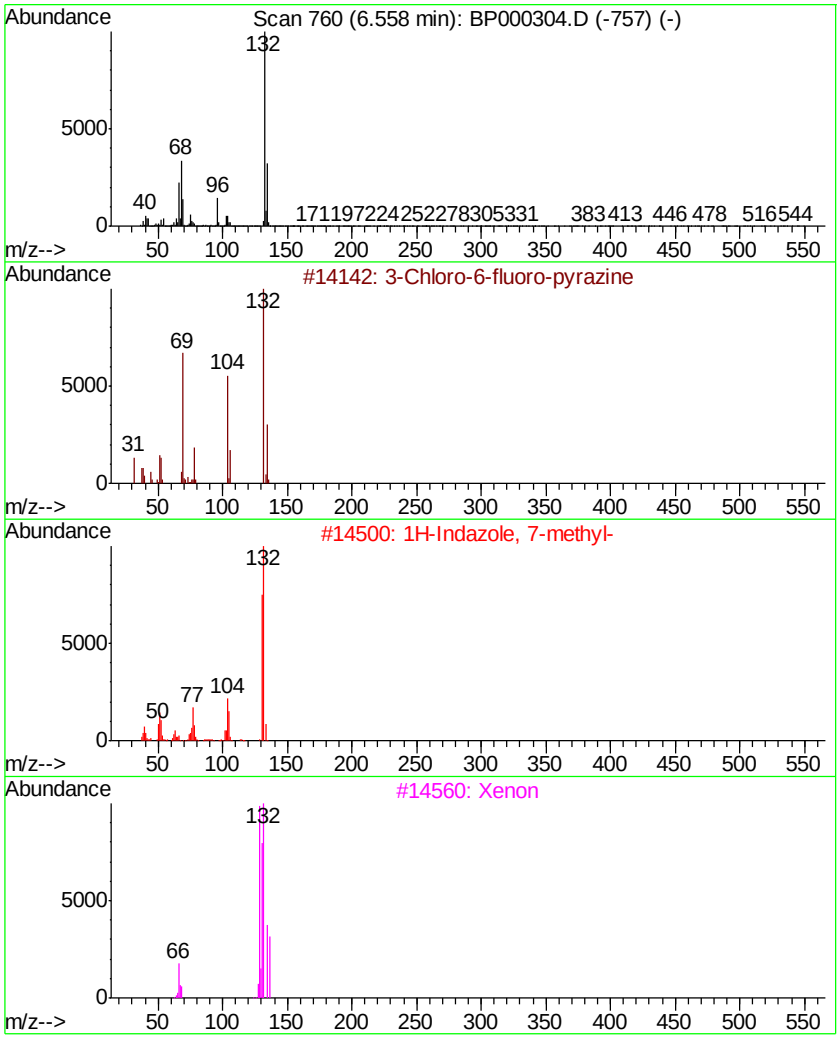
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

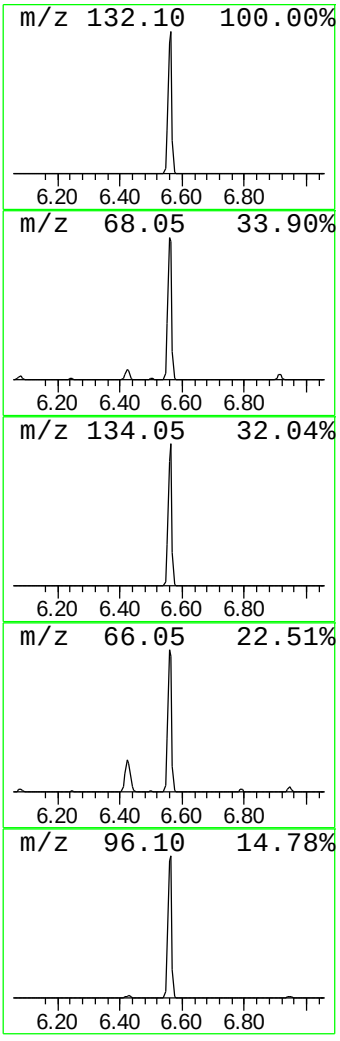
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	50.51 ng	3714610	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
3	Xenon	132	Xe	007440-63-3	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

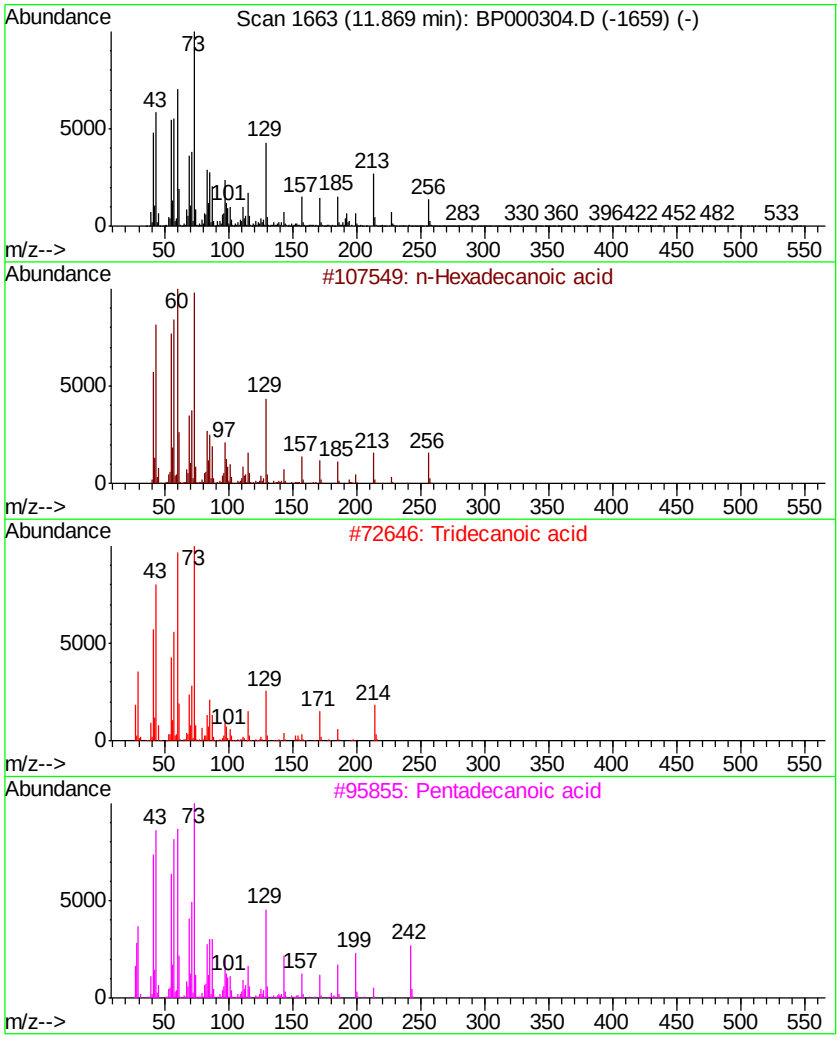
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

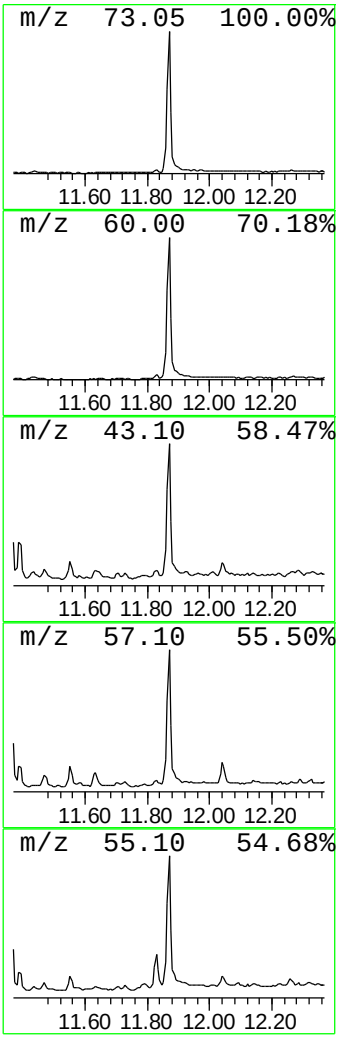
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	9.75 ng	1270450	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





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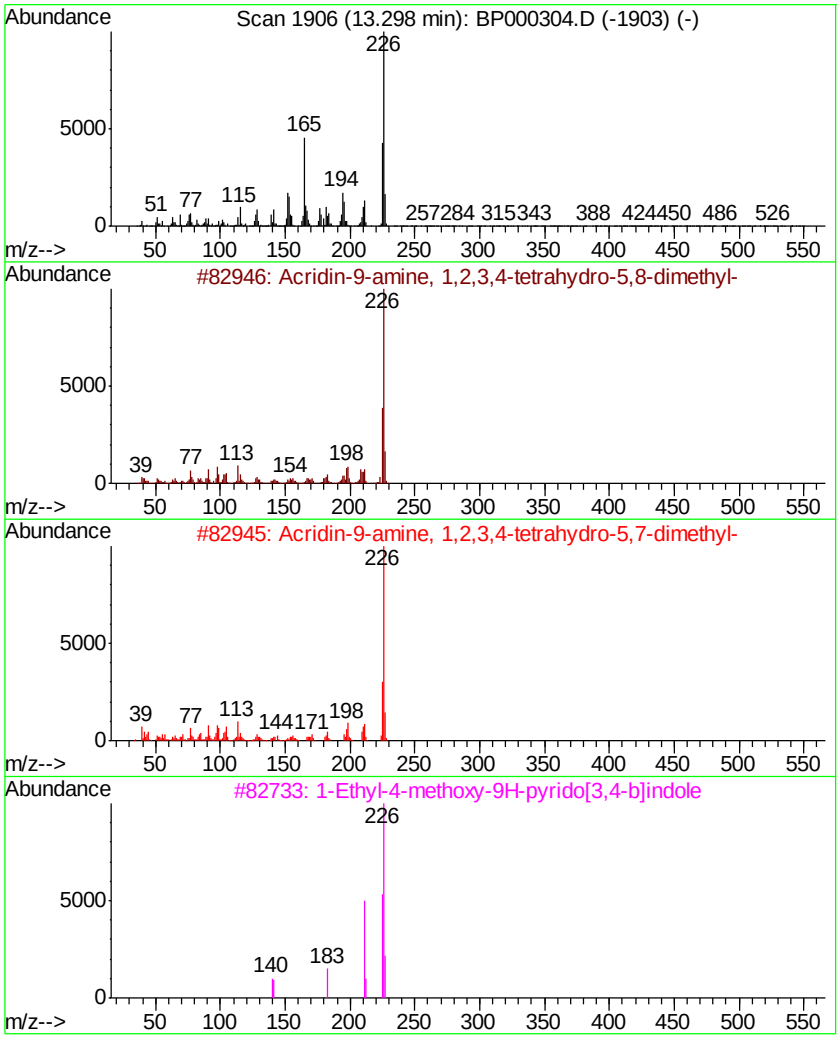
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

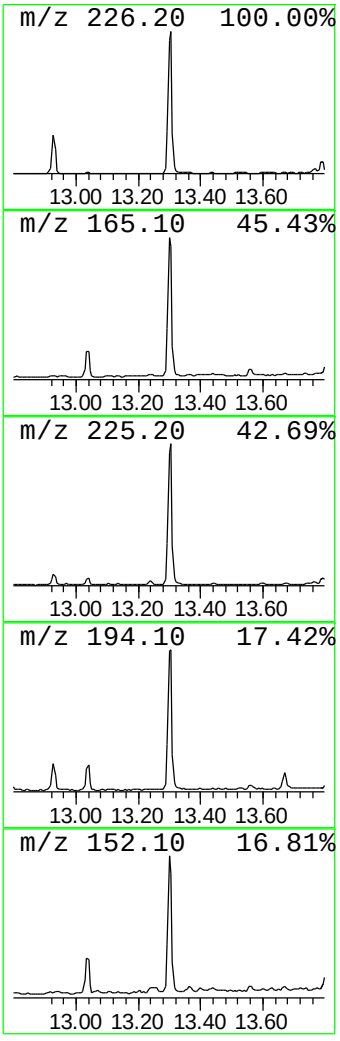
****

Peak Number 5 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	11.56 ng	2067070	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64
3	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43
4	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	43
5	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	42





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Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

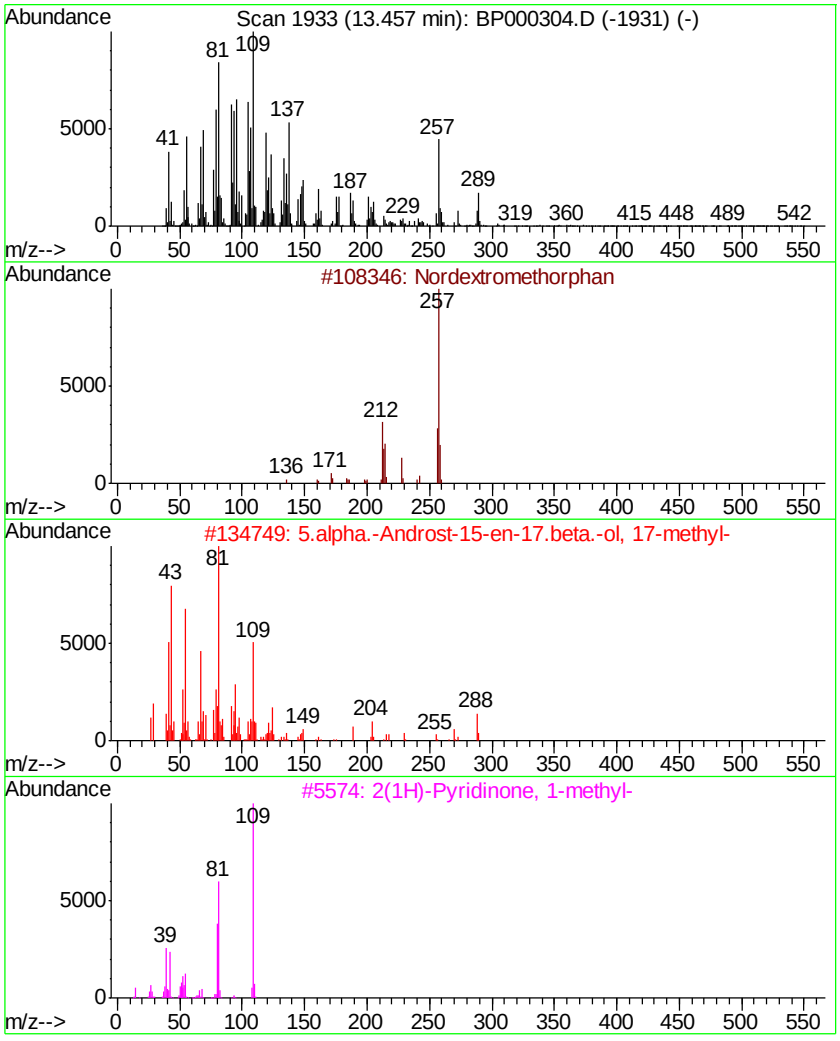
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

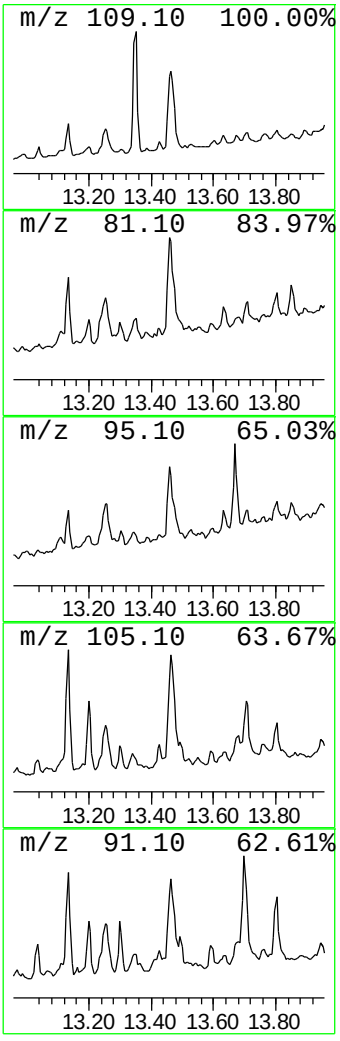
****

Peak Number 6 unknown13.46 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	5.86 ng	1048680	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordextromethorphan	257	C17H23NO	051195-74-5	46
2	5.alpha.-Androst-15-en-17.beta.-...	288	C20H32O	013864-65-8	35
3	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	27
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	27
5	Benzoic acid, 4-[[[(2-fluorophen...	259	C15H14FNO2	1000318-81-6	15





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Sample : K4931-01
Misc :
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ClientSampleId : 290-371

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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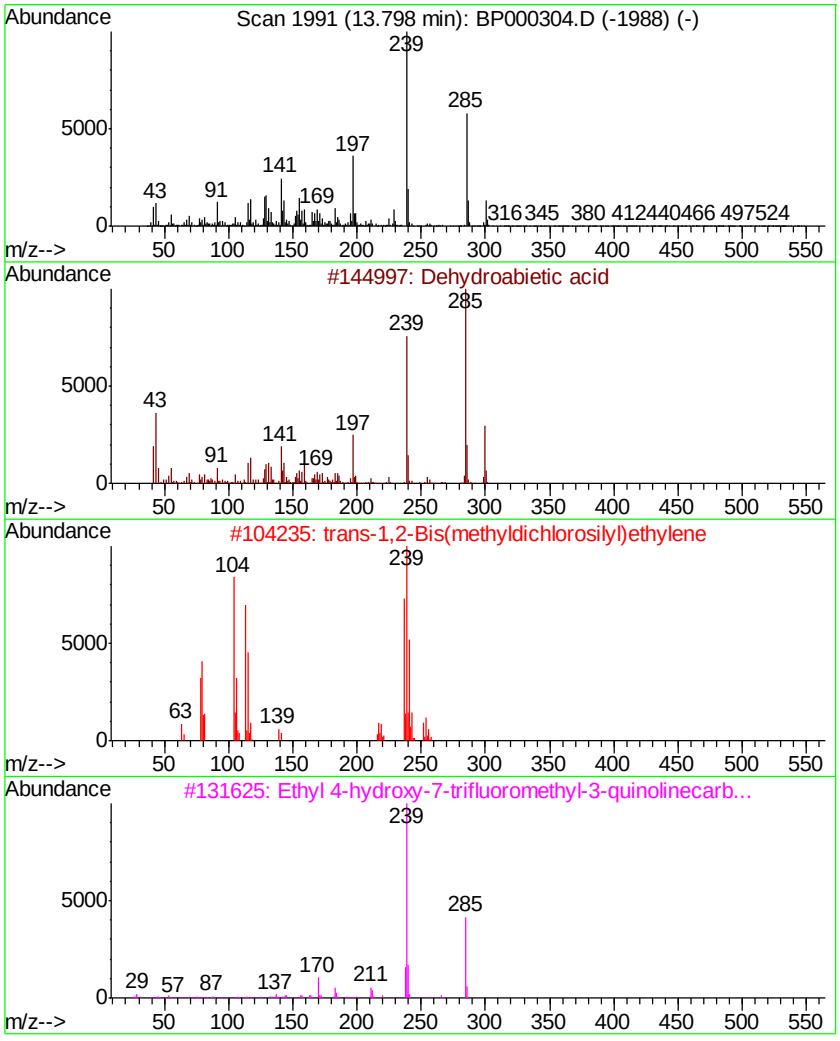
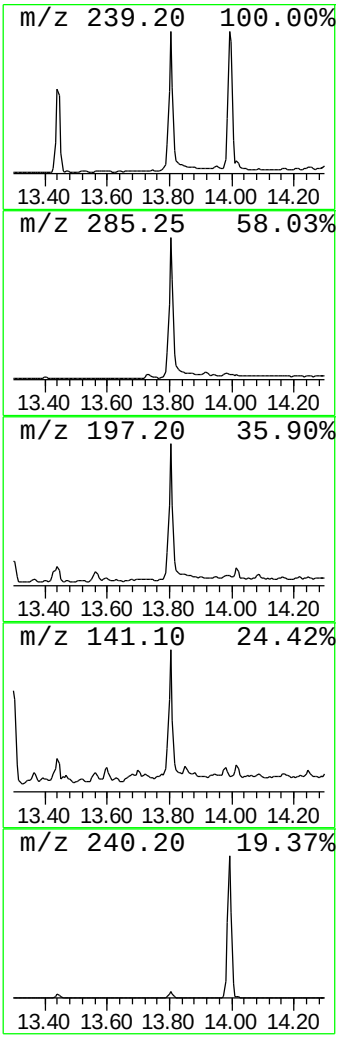
Peak Number 7 Dehydroabietic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.80 ng	1215610	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
2	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	83
3	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	50
4	2-Phenyl-4-(propen-1-yl)-pyrimid...	239	C14H13N3O	1000287-21-7	46
5	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	38





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Misc :
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ClientSampleId : 290-371

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TIC Library : C:\DATABASE\NIST11.L
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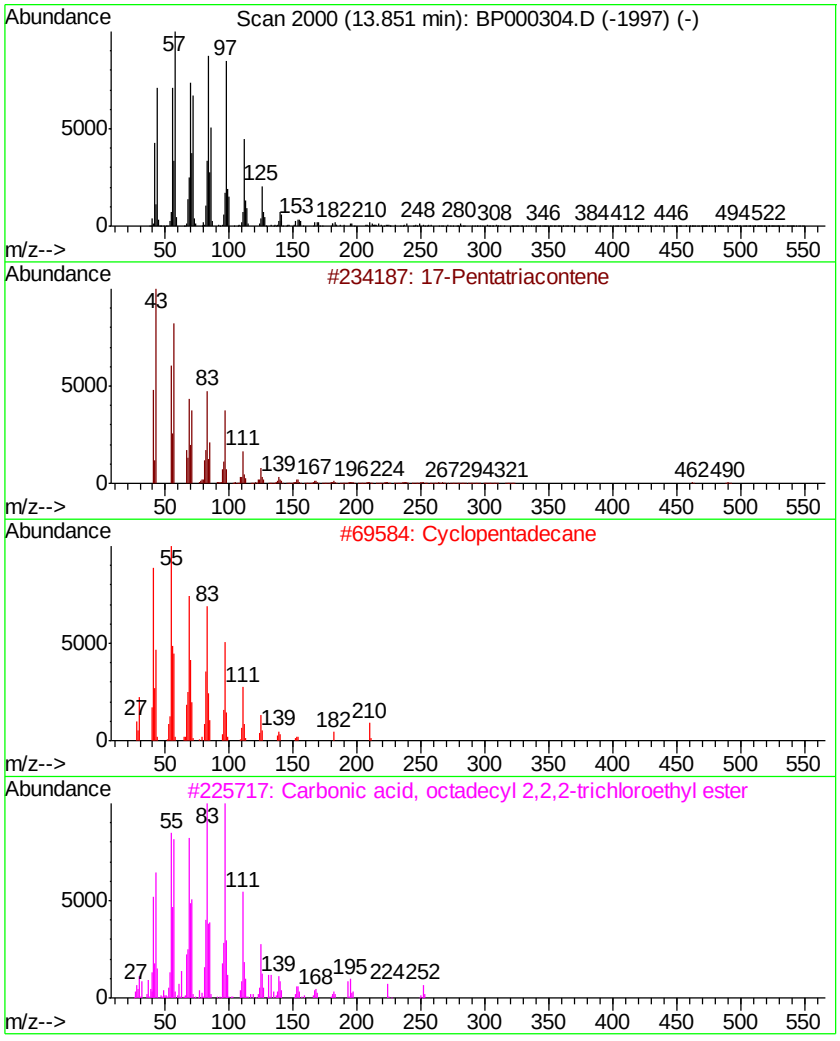
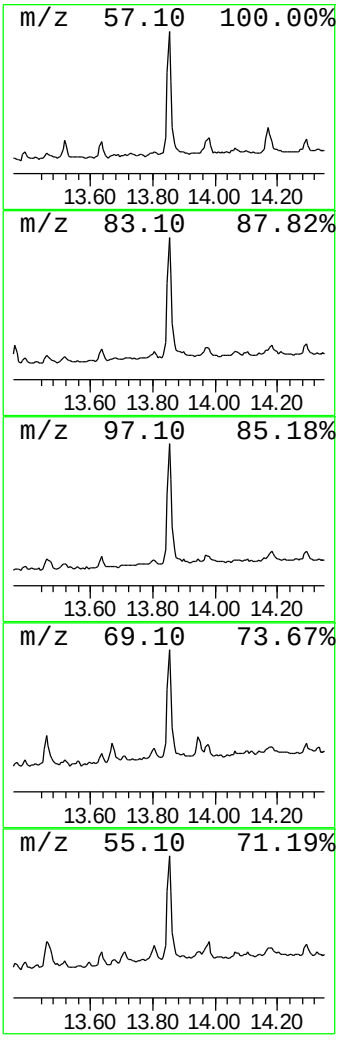
Peak Number 8 17-Pentatriacontene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.53 ng	989247	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	93
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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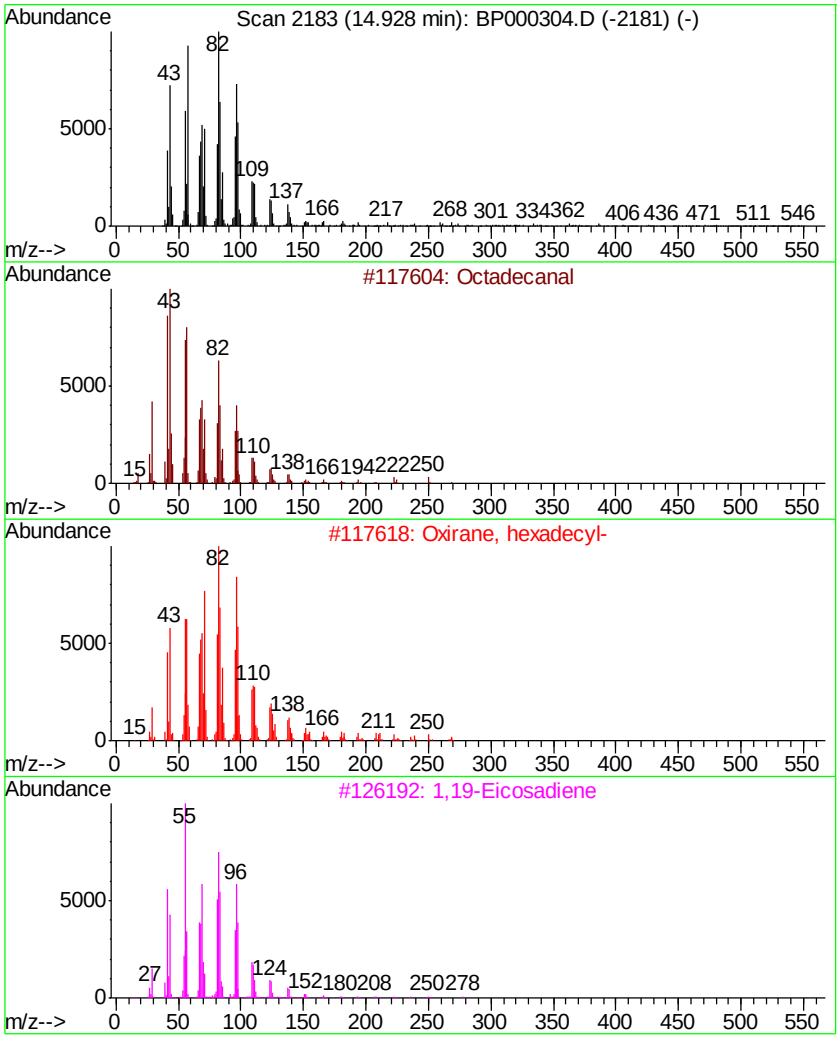
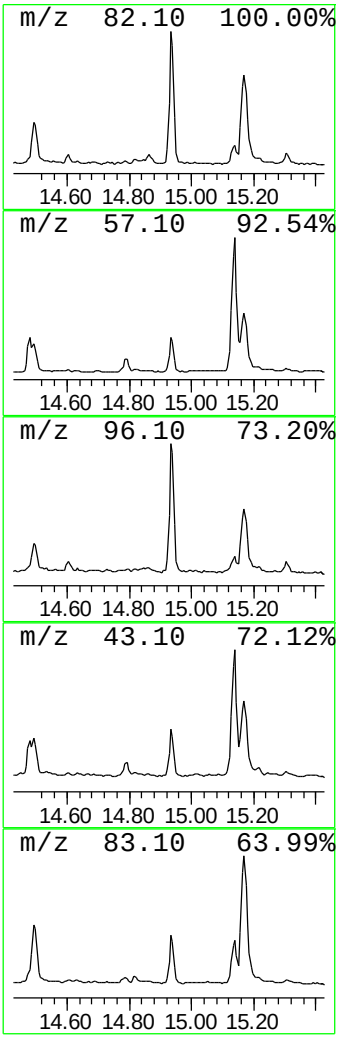
Peak Number 9 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	9.78 ng	1064980	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3	1,19-Eicosadiene	278	C20H38	014811-95-1	94
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Pentadecanal-	226	C15H30O	002765-11-9	86





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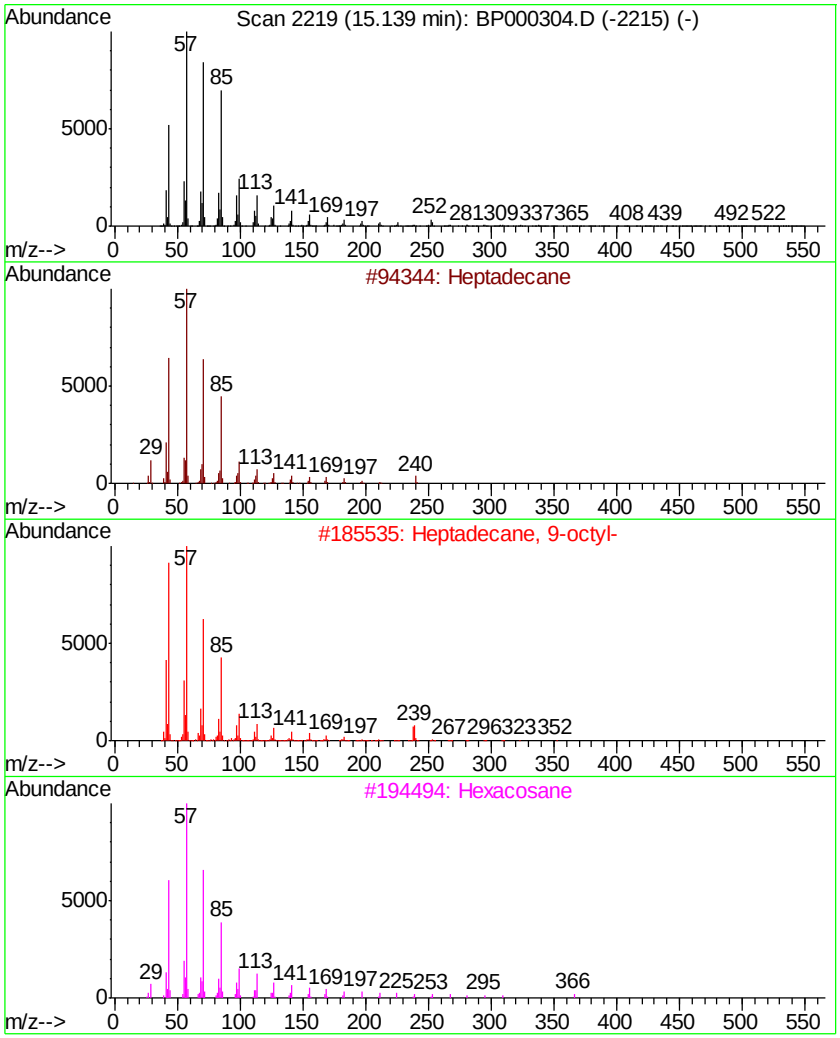
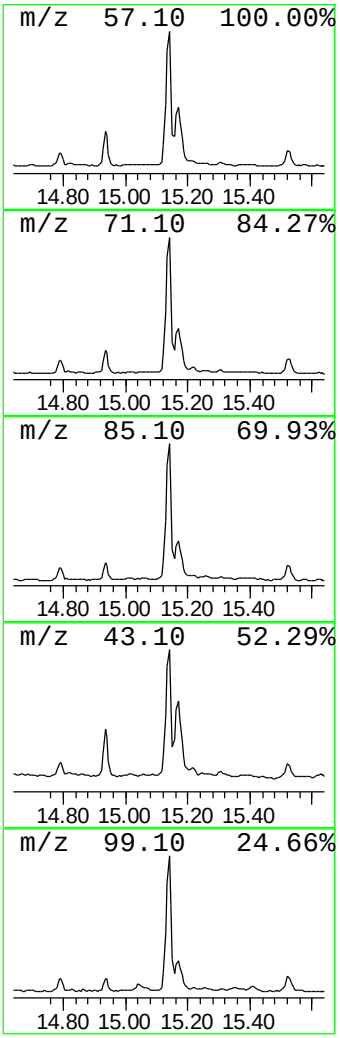
Peak Number 10 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	18.38 ng	2000300	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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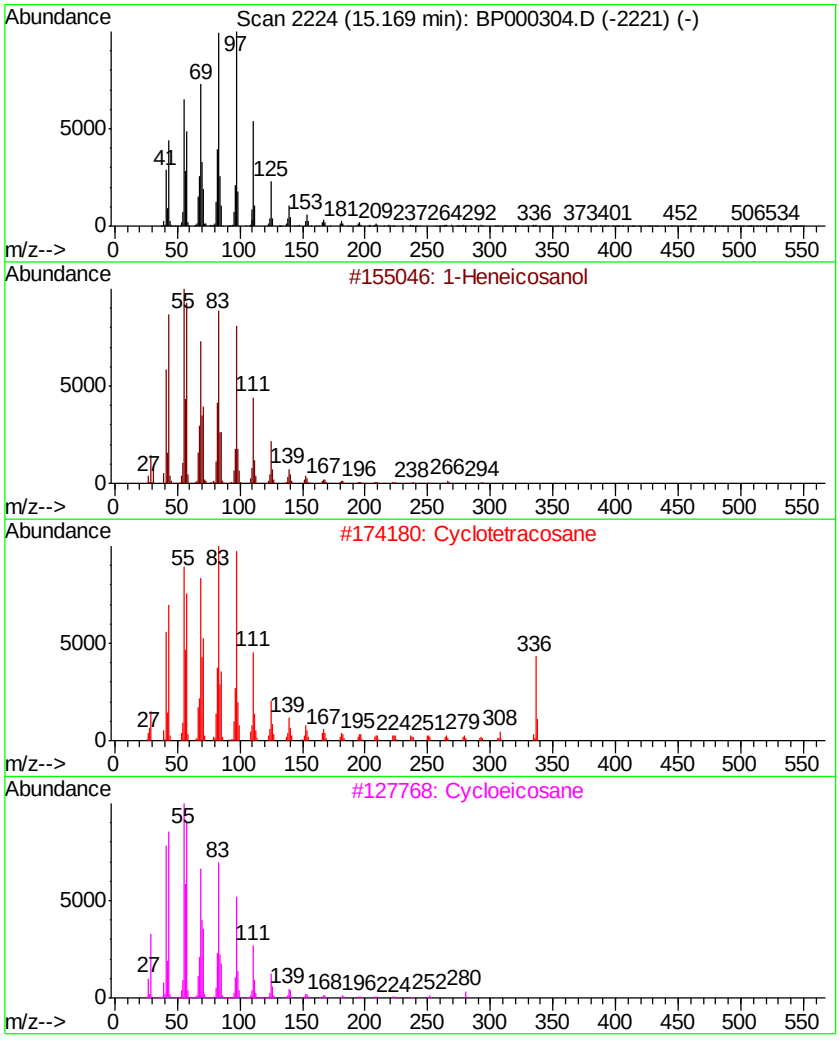
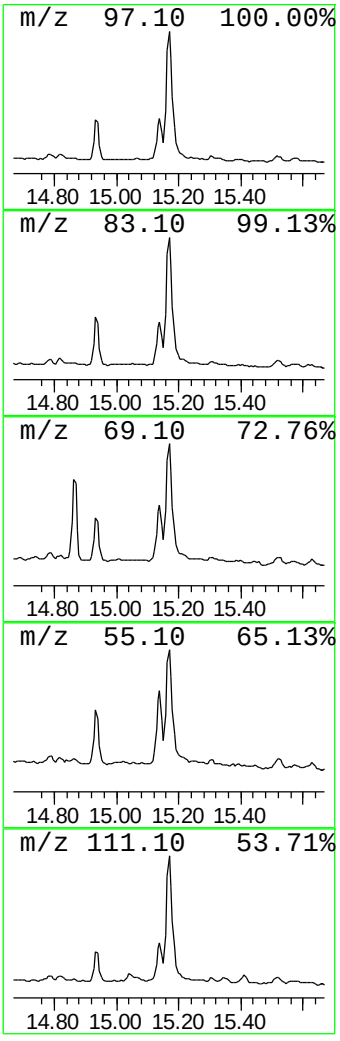
Peak Number 11 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	18.96 ng	2063540	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Cyclotetracosane	336	C24H48	000297-03-0	89
3	Cycloeicosane	280	C20H40	000296-56-0	80
4	1-Docosene	308	C22H44	001599-67-3	78
5	Behenic alcohol	326	C22H46O	000661-19-8	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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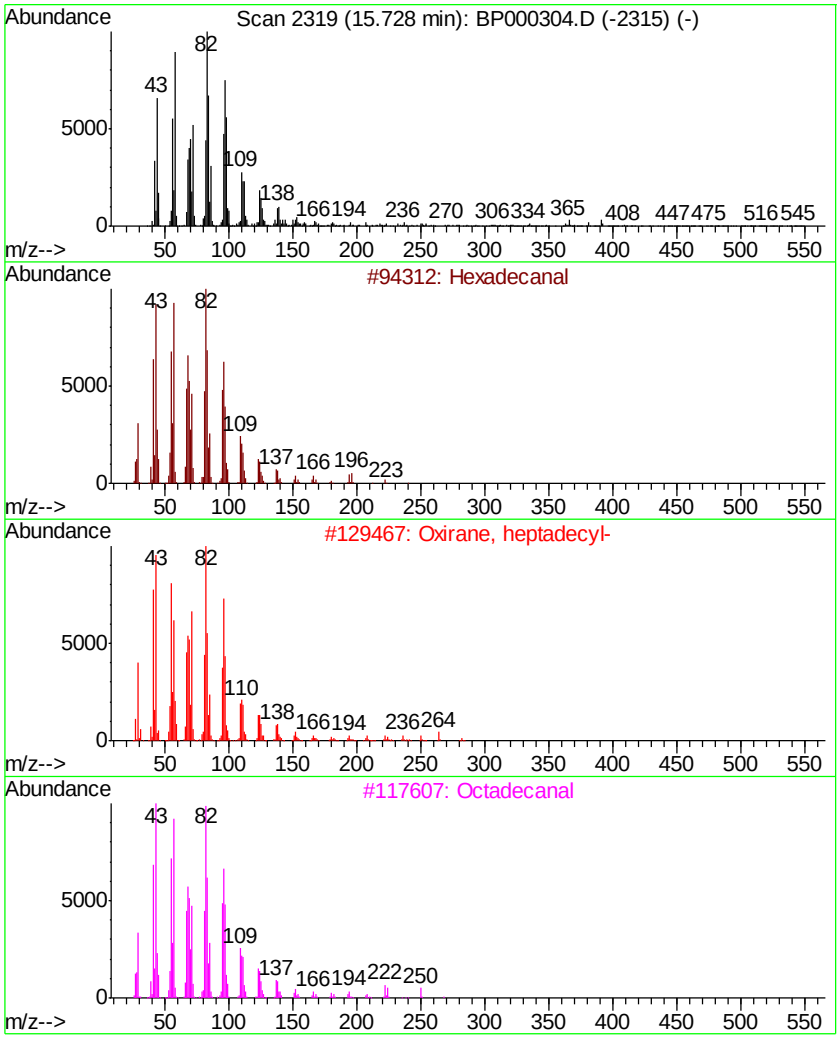
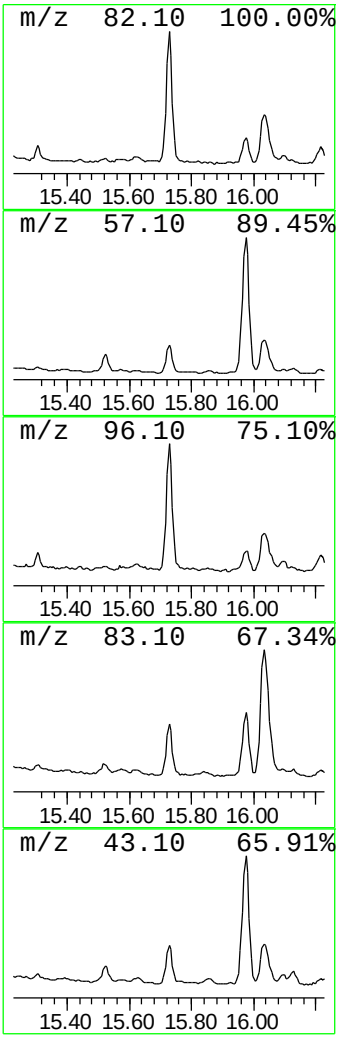
Peak Number 12 Hexadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	9.32 ng	1014550	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	93
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Tetradecanal	212	C14H28O	000124-25-4	91





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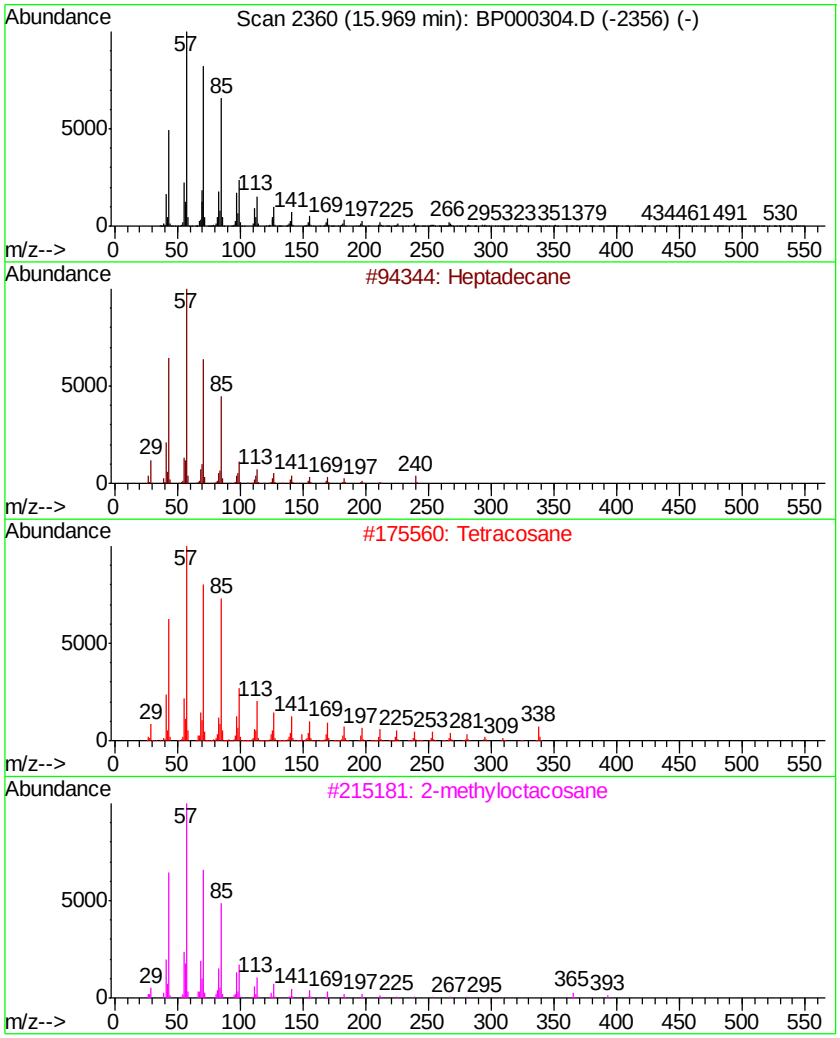
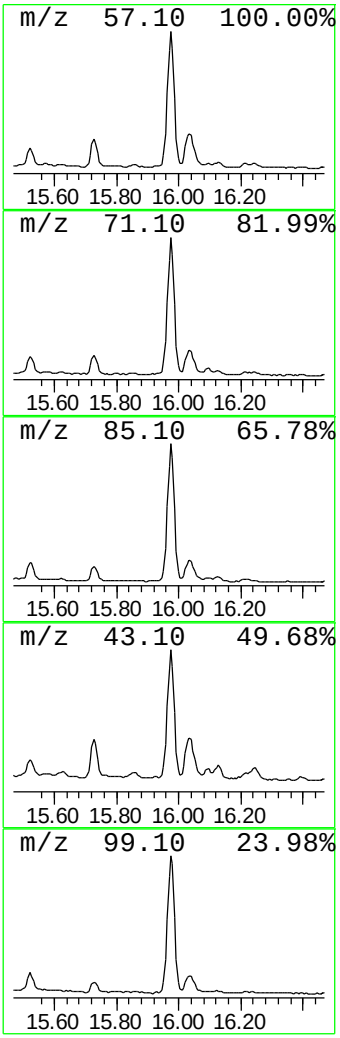
Peak Number 13 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	21.94 ng	2388440	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetracosane	338	C24H50	000646-31-1	95
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





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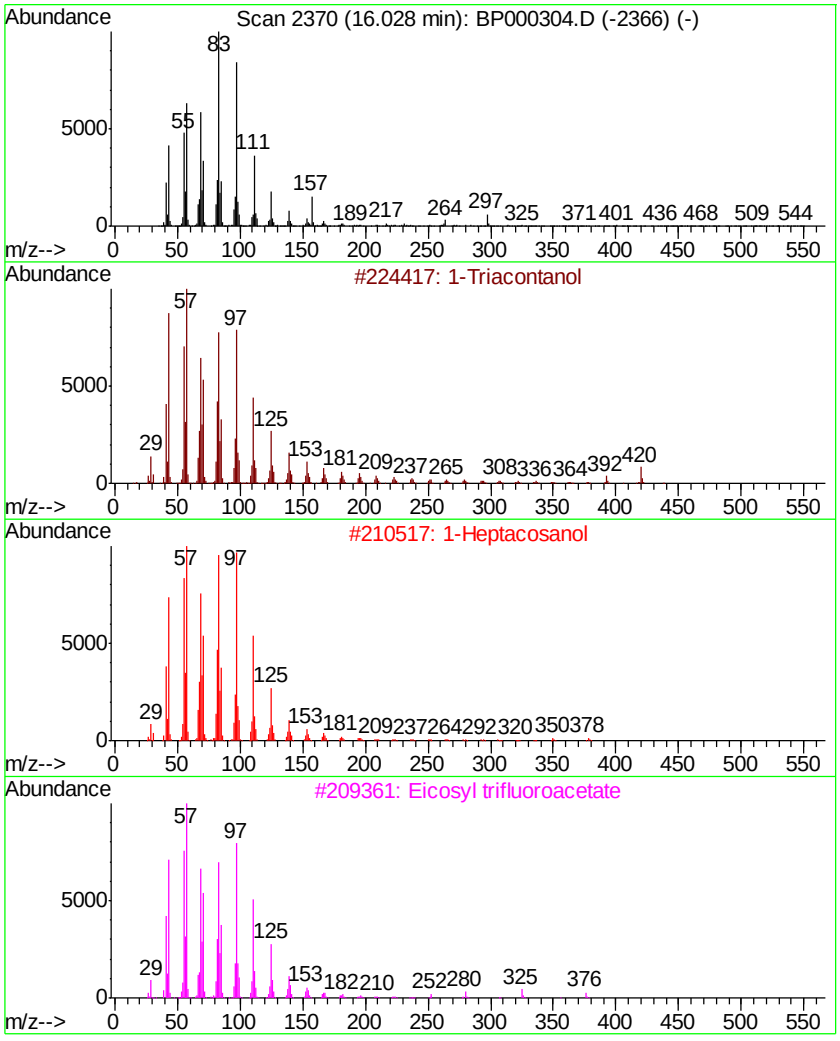
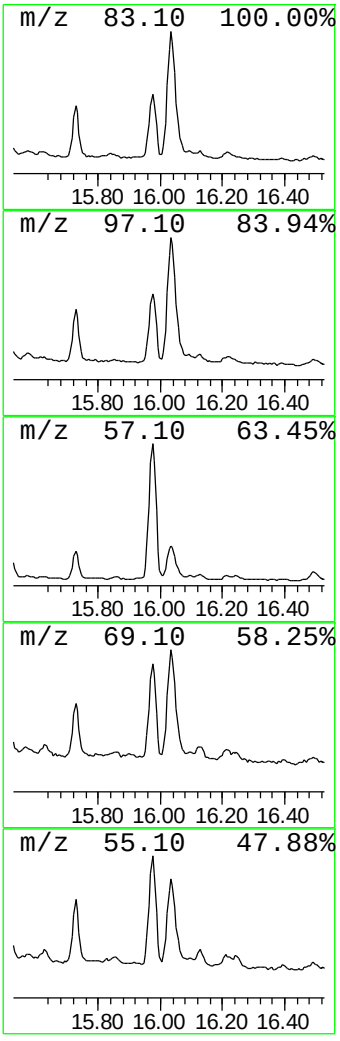
Peak Number 14 1-Triacontanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	13.60 ng	1480470	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	60
2	1-Heptacosanol	396	C27H56O	002004-39-9	60
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	53
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	53
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	53





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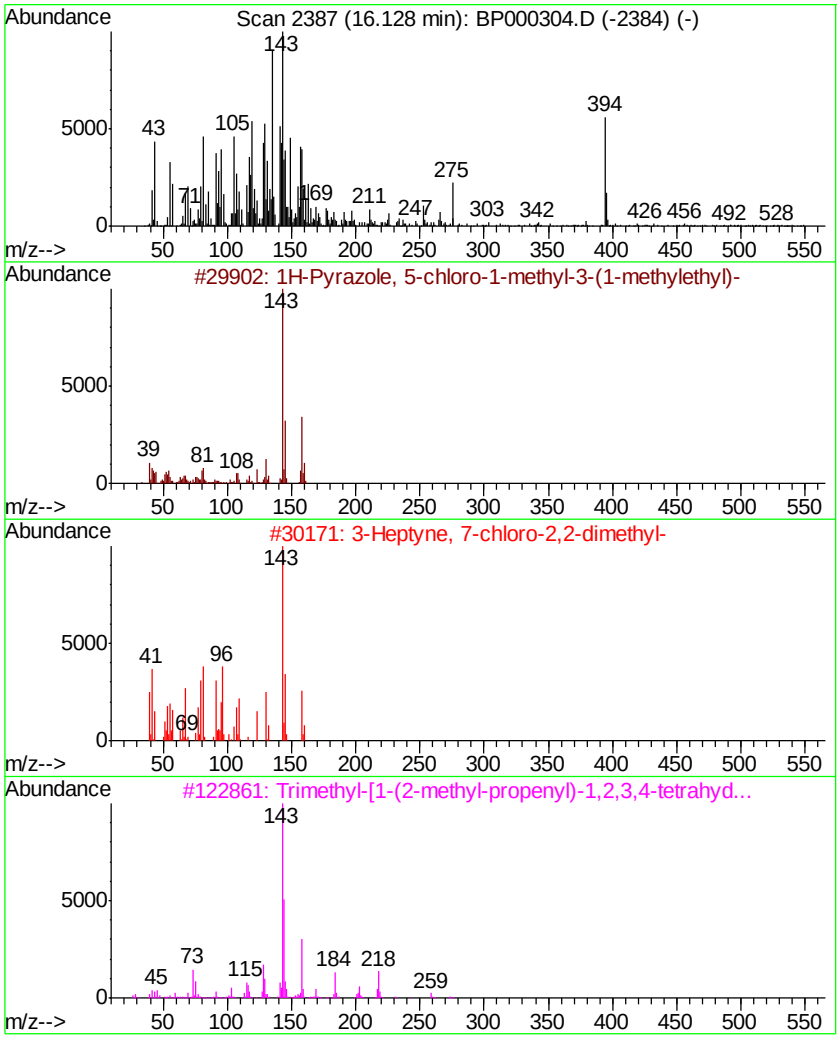
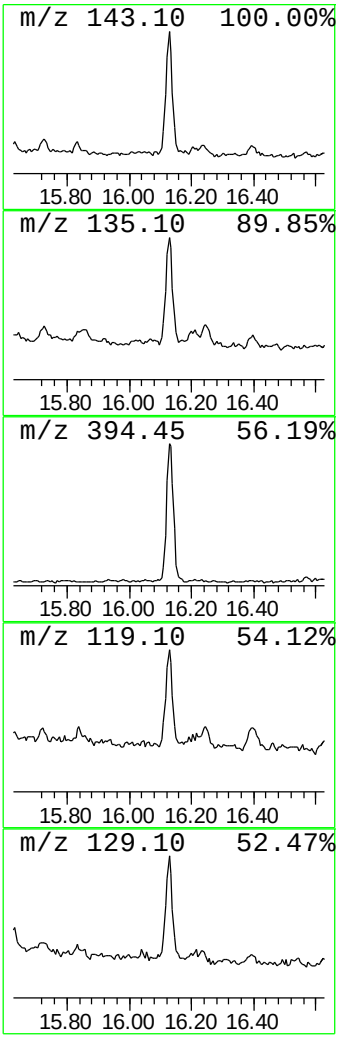
Peak Number 15 unknown16.13 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.63 ng	612565	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 5-chloro-1-methyl-3...	158	C7H11ClN2	1000319-90-4	25
2	3-Heptyne, 7-chloro-2,2-dimethyl-	158	C9H15Cl	055402-10-3	22
3	Trimethyl-[1-(2-methyl-propenyl)...	274	C17H26OSi	1000193-04-0	14
4	Thiazol-4(5H)-one, 2-(4-morpholy...	275	C13H13N3O2S	108539-93-1	11
5	1,7-Dicarbadodecaborane(12)	146	C2H12B10	016986-24-6	11





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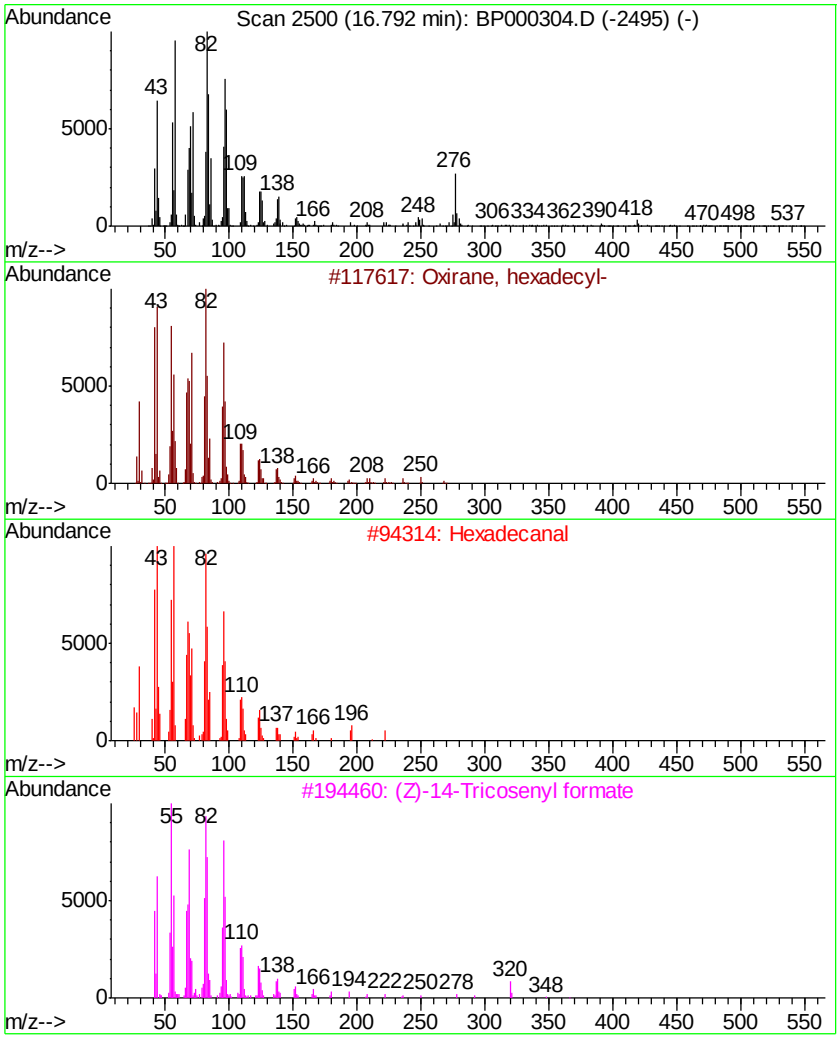
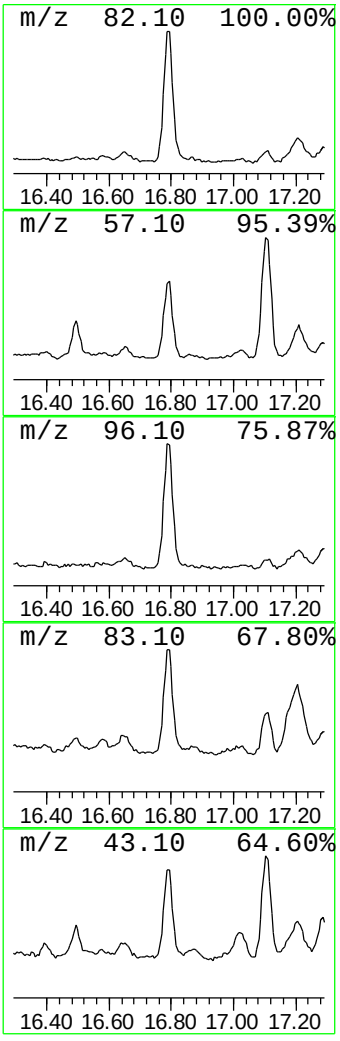
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	7.70 ng	838479	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2	Hexadecanal	240	C16H32O	000629-80-1	91
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	81
4	1,19-Eicosadiene	278	C20H38	014811-95-1	80
5	1,30-Triacontanediol	454	C30H62O2	036645-68-8	72





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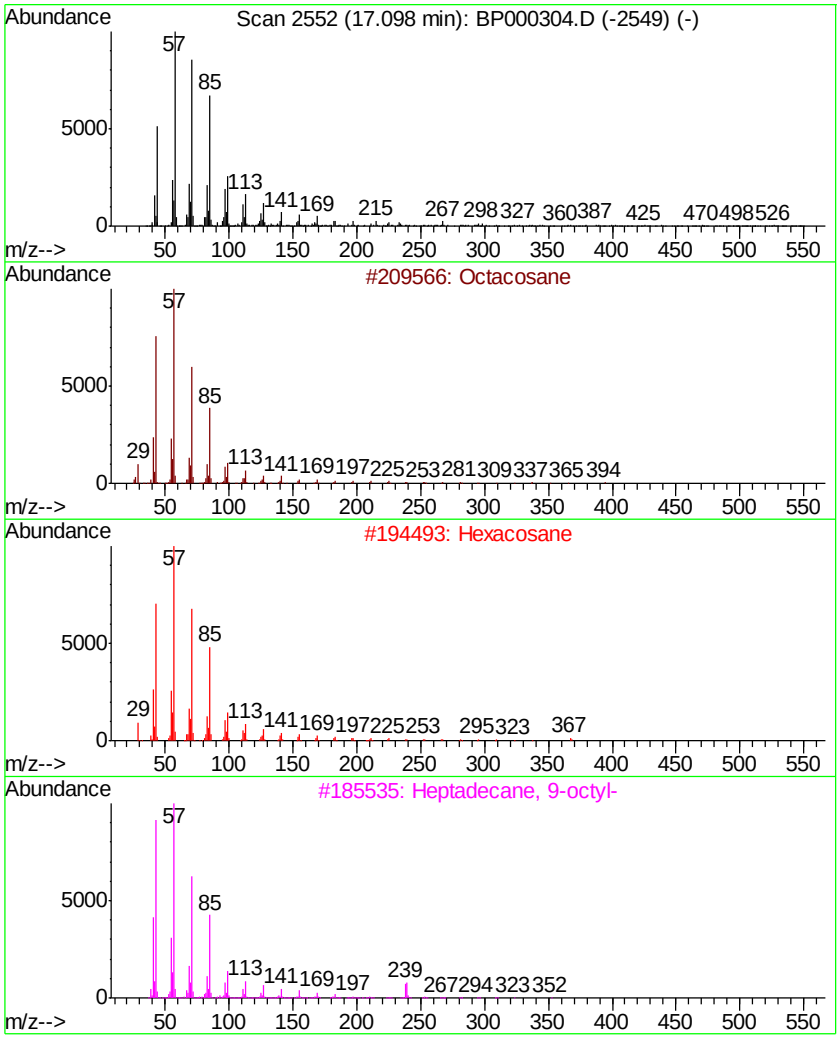
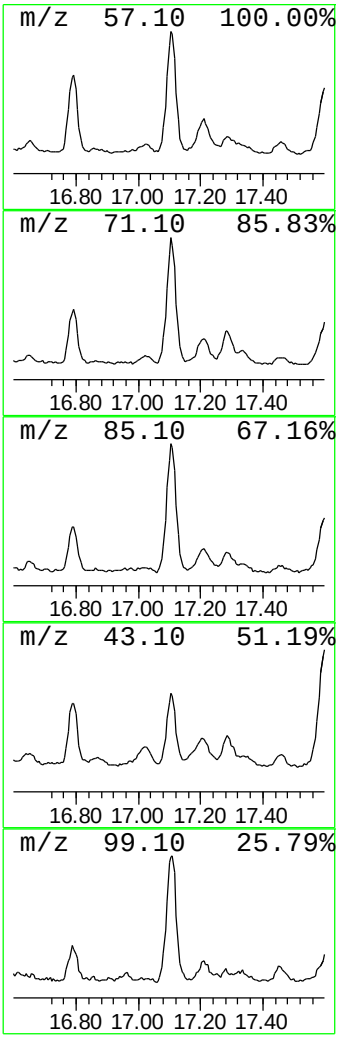
Peak Number 17 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	5.19 ng	565129	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hentriacontane	437	C31H64	000630-04-6	91





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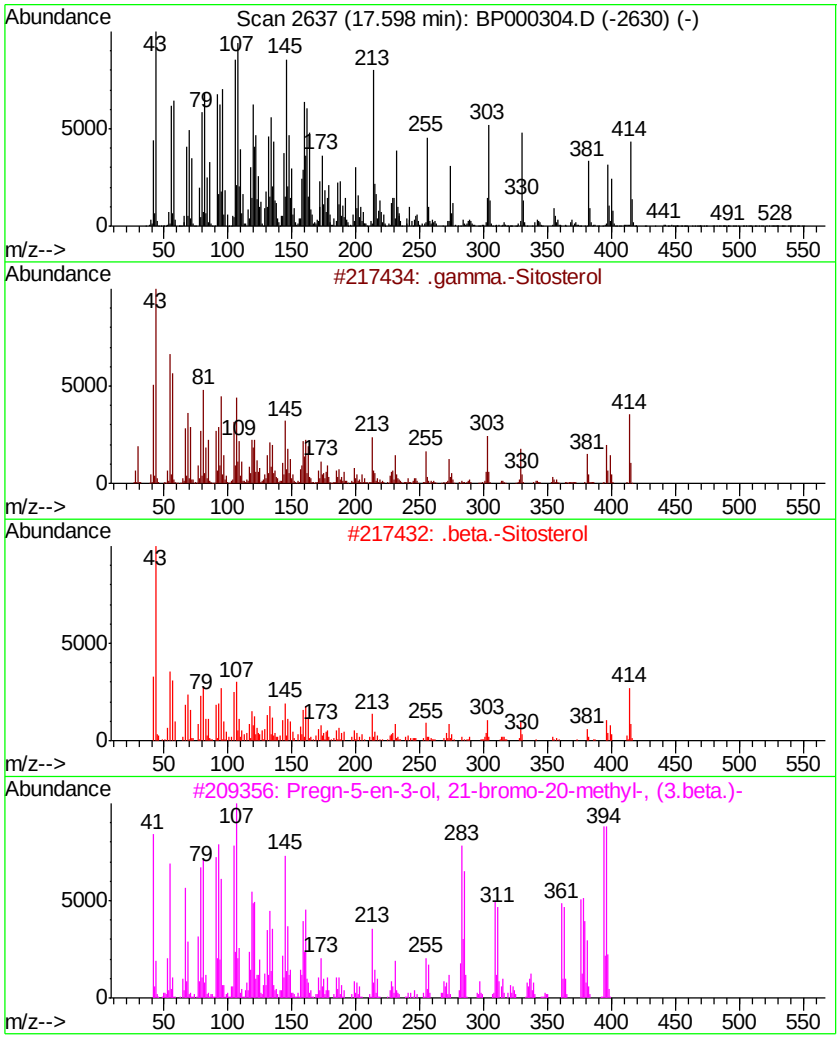
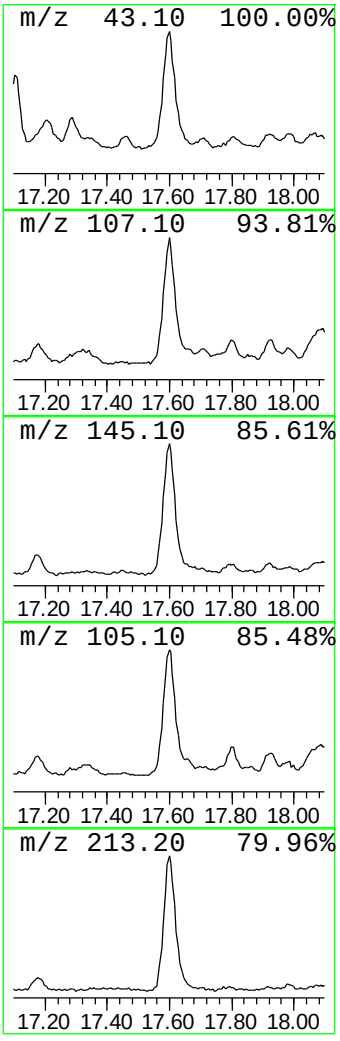
Peak Number 18 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	38.13 ng	4149700	Perylene-d12	15.48

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	99
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25
5	Pyridine-2-carboxylic acid, (4-a...	213	C12H11N3O	1000317-78-7	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000304.D
Acq On : 18 Sep 2019 18:01
Operator : HP/JU
Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

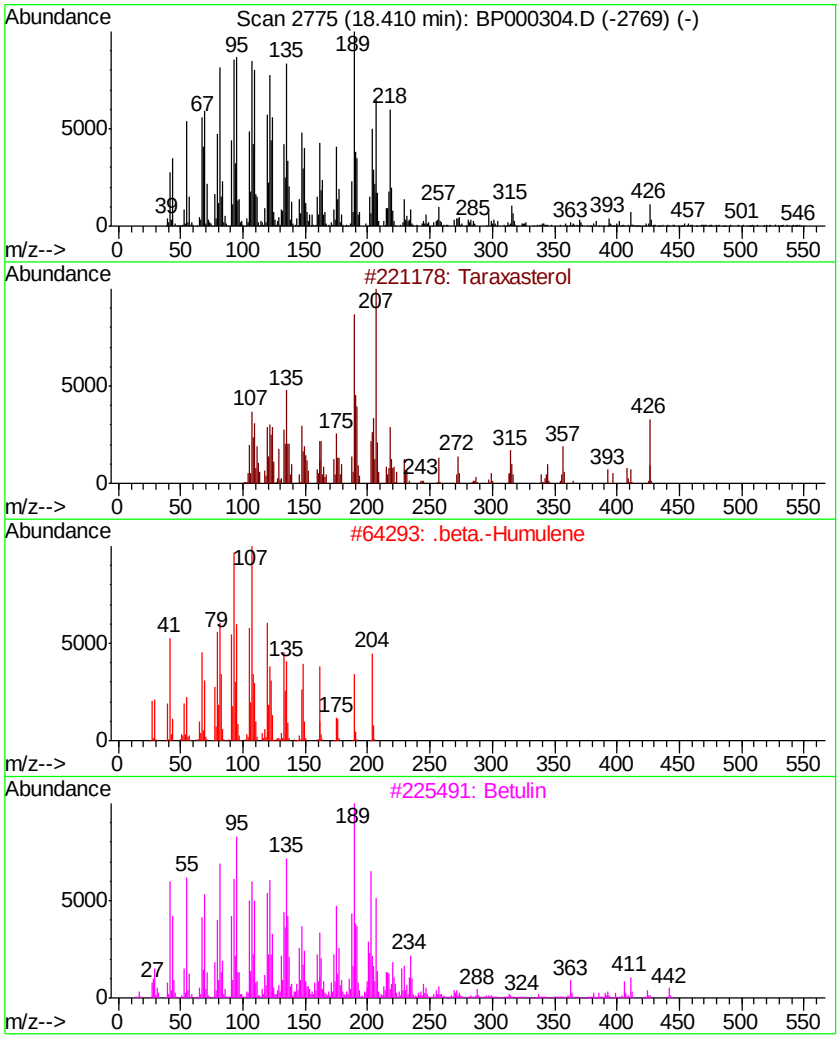
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

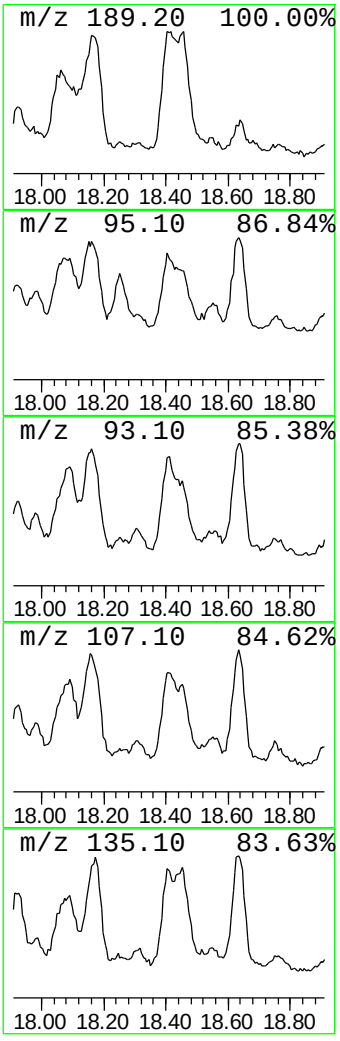
****

Peak Number 19 Taraxasterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	8.15 ng	886704	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Taraxasterol	426	C30H50O	001059-14-9	58
2	.beta.-Humulene	204	C15H24	000116-04-1	56
3	Betulin	442	C30H50O2	000473-98-3	53
4	Longifolenaldehyde	220	C15H24O	019890-84-7	46
5	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000304.D
Acq On : 18 Sep 2019 18:01
Operator : HP/JU
Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

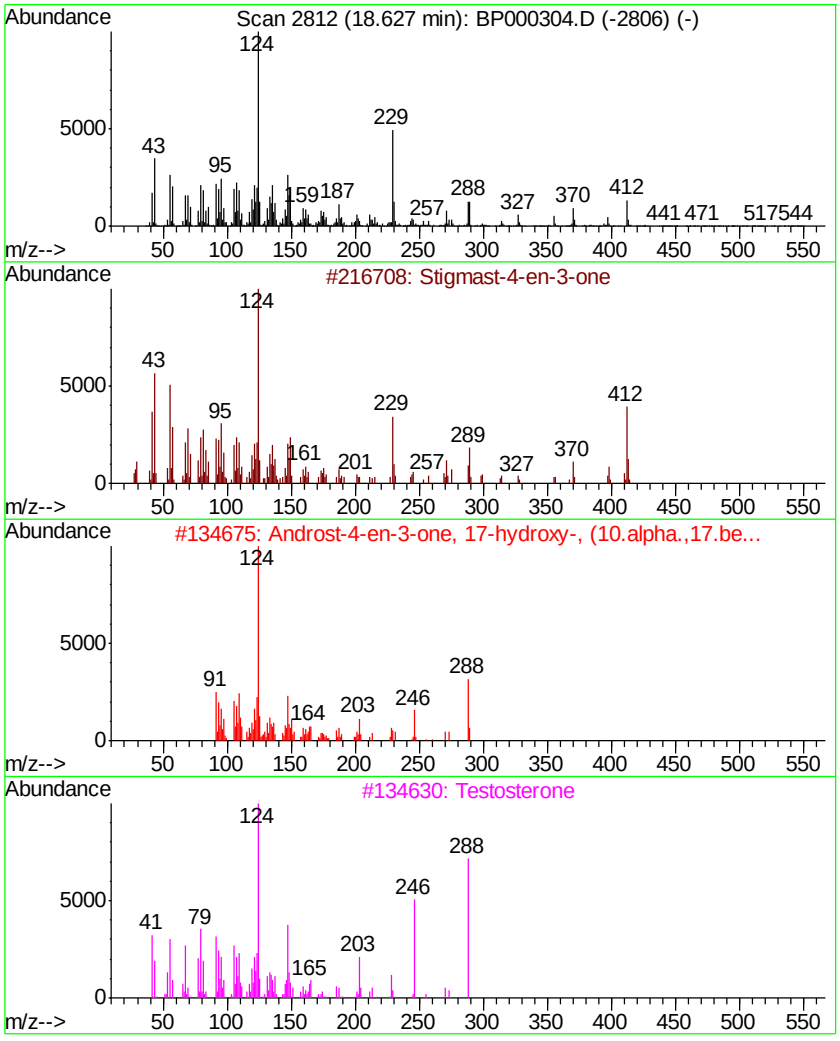
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

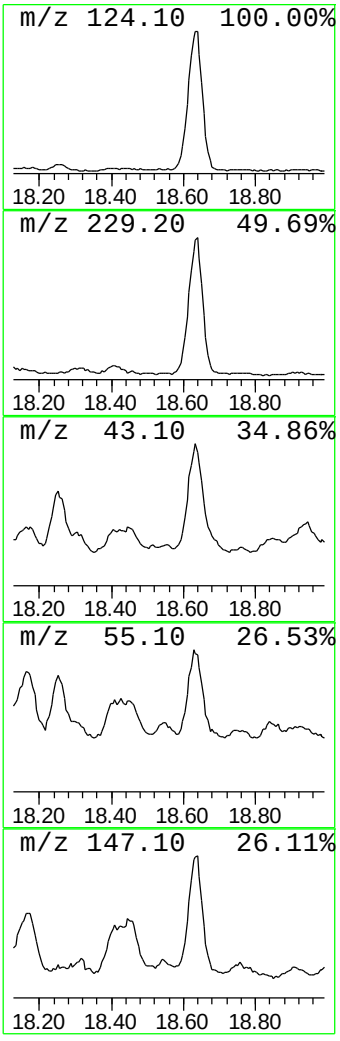
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	24.29 ng	2643710	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	81
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	52
3	Testosterone	288	C19H28O2	000058-22-0	50
4	Cholest-5-en-3-one, 4,4-dimethyl-	412	C29H48O	002220-42-0	41
5	Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091819\
Data File : BP000304.D
Acq On : 18 Sep 2019 18:01
Operator : HP/JU
Sample : K4931-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 290-371

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
(1S)-2,6,6-Trimet...	6.08	16.2	ng	1189850	1	6.79	1470900	20.0
unknown6.56	6.56	50.5	ng	3714610	1	6.79	1470900	20.0
n-Hexadecanoic acid	11.87	9.8	ng	1270450	4	11.33	2605390	20.0
Acridin-9-amine, ...	13.30	11.6	ng	2067070	5	13.99	3576410	20.0
unknown13.46	13.46	5.9	ng	1048680	5	13.99	3576410	20.0
Dehydroabietic acid	13.80	6.8	ng	1215610	5	13.99	3576410	20.0
17-Pentatriacontene	13.85	5.5	ng	989247	5	13.99	3576410	20.0
Octadecanal	14.93	9.8	ng	1064980	6	15.48	2176800	20.0
Heptadecane	15.14	18.4	ng	2000300	6	15.48	2176800	20.0
1-Heneicosanol	15.17	19.0	ng	2063540	6	15.48	2176800	20.0
Hexadecanal	15.73	9.3	ng	1014550	6	15.48	2176800	20.0
2-methyloctacosane	15.97	21.9	ng	2388440	6	15.48	2176800	20.0
1-Triacontanol	16.03	13.6	ng	1480470	6	15.48	2176800	20.0
unknown16.13	16.13	5.6	ng	612565	6	15.48	2176800	20.0
Oxirane, hexadecyl-	16.79	7.7	ng	838479	6	15.48	2176800	20.0
Octacosane	17.10	5.2	ng	565129	6	15.48	2176800	20.0
.gamma.-Sitosterol	17.60	38.1	ng	4149700	6	15.48	2176800	20.0
Taraxasterol	18.41	8.2	ng	886704	6	15.48	2176800	20.0
Stigmast-4-en-3-one	18.63	24.3	ng	2643710	6	15.48	2176800	20.0