LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116369.D
Acq On : 17 Aug 2019 20:34
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

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_F\METHODS\8270-BF073019.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	5.439	567	570	601	rBV	2288009	2521816	76.32%	5.119%
2	6.457	739	743	756	rBV	2417780	2689143	81.38%	5.458%
3	6.586	761	765	772	rVB	2774227	2644919	80.04%	5.369%
4	6.810	800	803	812	rBV	927472	807719	24.44%	1.639%
5	6.963	826	829	845	rVB	2194408	2100727	63.57%	4.264%
6	7.375	895	899	915	rBV	1725535	1679117	50.82%	3.408%
7	8.086	1017	1020	1029	rBV	1065821	1011778	30.62%	2.054%
8	8.675	1115	1120	1123	rBV	45547	39984	1.21%	0.081%
9	9.163	1199	1203	1206	rBV	3094504	2722767	82.40%	5.527%
10	9.474	1252	1256	1257	rBV2	42822	41665	1.26%	0.085%
11	9.498	1257	1260	1264	rVV	151360	141734	4.29%	0.288%
12	9.557	1264	1270	1273	rVV	561505	486796	14.73%	0.988%
13	9.592	1273	1276	1280	rVB3	79414	80410	2.43%	0.163%
14	9.686	1287	1292	1294	rBV2	43023	49040	1.48%	0.100%
15	9.751	1298	1303	1305	rVV2	59960	61719	1.87%	0.125%
16	9.774	1305	1307	1312	rVB3	25043	38879	1.18%	0.079%
17	9.839	1315	1318	1321	rBV	1373304	1152049	34.86%	2.338%
18	9.863	1321	1322	1328	rVB3	129404	101708	3.08%	0.206%
19	9.910	1328	1330	1333	rVB	54780	49406	1.50%	0.100%
20	9.957	1333	1338	1342	rBV	269924	243873	7.38%	0.495%
21	9.992	1342	1344	1347	rVB	70263	57153	1.73%	0.116%
22	10.051	1347	1354	1355	rBV6	31187	39916	1.21%	0.081%
23	10.133	1365	1368	1370	rVB	93158	81902	2.48%	0.166%
24	10.457	1421	1423	1425	rVB	48560	36217	1.10%	0.074%
25	10.480	1425	1427	1429	rVB2	53145	39640	1.20%	0.080%
26	10.510	1429	1432	1435	rVB	92613	83022	2.51%	0.169%
27	10.563	1435	1441	1444	rBV4	71052	107298	3.25%	0.218%
28	10.610	1444	1449	1450	rBV2	106084	130246	3.94%	0.264%
29	10.633	1450	1453	1456	rBV	1704940	1513403	45.80%	3.072%
30	10.692	1461	1463	1469	rVB	64007	60414	1.83%	0.123%
31	10.745	1469	1472	1478	rBV2	85856	101699	3.08%	0.206%
32	10.833	1483	1487	1490	rBV6	23704	36482	1.10%	0.074%
33	10.933	1501	1504	1511	rBV	62297	62582	1.89%	0.127%
34	10.998	1511	1515	1520	rBV3	99147	158086	4.78%	0.321%

LSC Area Percent Report

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Sample : K4223-25
Misc :
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Instrument : BNA_F
ClientSampleId : SP-13

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.039	1520	1522	1525	rVB	39830	37526	1.14%	0.076%
36	11.274	1560	1562	1565	rBV2	36832	36780	1.11%	0.075%
37	11.327	1565	1571	1574	rVV	1189455	1139452	34.48%	2.313%
38	11.351	1574	1575	1577	rVV	163805	111610	3.38%	0.227%
39	11.374	1577	1579	1581	rVB	191114	150179	4.54%	0.305%
40	11.457	1587	1593	1597	rVB	112678	147757	4.47%	0.300%
41	11.533	1603	1606	1611	rBV5	46755	66325	2.01%	0.135%
42	11.704	1632	1635	1638	rVB2	65710	78123	2.36%	0.159%
43	11.810	1649	1653	1656	rVV2	139899	163607	4.95%	0.332%
44	11.857	1657	1661	1673	rVV	1253010	1462828	44.27%	2.969%
45	12.015	1685	1688	1691	rBV2	257528	229782	6.95%	0.466%
46	12.104	1700	1703	1705	rBV3	57890	62619	1.90%	0.127%
47	12.145	1708	1710	1713	rVB	80320	66851	2.02%	0.136%
48	12.204	1718	1720	1724	rVB2	67751	57580	1.74%	0.117%
49	12.263	1724	1730	1733	rVB3	72493	108312	3.28%	0.220%
50	12.292	1733	1735	1739	rVB4	39914	33792	1.02%	0.069%
51	12.392	1749	1752	1753	rBV3	68712	68496	2.07%	0.139%
52	12.463	1760	1764	1769	rBV	364690	440055	13.32%	0.893%
53	12.545	1774	1778	1779	rBV	514452	556015	16.83%	1.129%
54	12.568	1779	1782	1790	rVV3	802749	1308189	39.59%	2.655%
55	12.633	1790	1793	1801	rVB	314977	406296	12.30%	0.825%
56	12.727	1806	1809	1812	rBV2	117743	117994	3.57%	0.240%
57	12.774	1814	1817	1821	rVV	191860	189391	5.73%	0.384%
58	12.821	1823	1825	1829	rVB3	62548	62274	1.88%	0.126%
59	12.904	1835	1839	1843	rVB	2305485	2012034	60.89%	4.084%
60	13.127	1875	1877	1882	rVB3	128210	127771	3.87%	0.259%
61	13.298	1903	1906	1908	rBV3	91092	102120	3.09%	0.207%
62	13.333	1909	1912	1913	rBV	307814	262971	7.96%	0.534%
63	13.404	1921	1924	1925	rBV	64999	53204	1.61%	0.108%
64	13.421	1925	1927	1931	rVV2	103673	97864	2.96%	0.199%
65	13.468	1933	1935	1940	rVB	149939	155855	4.72%	0.316%
66	13.645	1963	1965	1967	rBV2	66711	75745	2.29%	0.154%
67	13.757	1982	1984	1987	rBV	102324	92322	2.79%	0.187%
68	13.798	1987	1991	1996	rVB	592626	593064	17.95%	1.204%
69	13.880	2002	2005	2010	rBV	118985	137488	4.16%	0.279%
70	13.968	2017	2020	2024	rBV	766496	762376	23.07%	1.547%
71	14.109	2041	2044	2047	rBV	298816	296027	8.96%	0.601%

LSC Area Percent Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Integration Parameters: rteint.p
Integrator: RTE
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72	14.415	2093	2096	2103	rVB2	891348	1006525	30.46%	2.043%
73	14.615	2128	2130	2132	rBV	70075	55616	1.68%	0.113%
74	14.668	2137	2139	2142	rVV	76236	83715	2.53%	0.170%
75	14.715	2144	2147	2150	rVB	459896	414522	12.54%	0.841%
76	14.786	2156	2159	2163	rVB	304502	317203	9.60%	0.644%
77	15.009	2194	2197	2199	rBV2	109786	133216	4.03%	0.270%
78	15.045	2199	2203	2206	rVV	2032049	2283417	69.10%	4.635%
79	15.068	2206	2207	2214	rVB	214558	242072	7.33%	0.491%
80	15.298	2243	2246	2252	rVB3	116124	175329	5.31%	0.356%
81	15.409	2261	2265	2266	rBV	328369	406424	12.30%	0.825%
82	15.427	2266	2268	2277	rVB	612046	755578	22.87%	1.534%
83	15.833	2331	2337	2342	rVV	1408328	2088247	63.20%	4.239%
84	15.880	2342	2345	2353	rVB	190544	309102	9.35%	0.627%
85	16.098	2378	2382	2392	rVB2	400480	729630	22.08%	1.481%
86	16.315	2415	2419	2426	rVB	183665	304510	9.22%	0.618%
87	16.886	2512	2516	2527	rVB2	290663	635082	19.22%	1.289%
88	17.321	2586	2590	2595	rBV2	119781	216606	6.56%	0.440%
89	17.403	2595	2604	2616	rBV4	858813	3304360	100.00%	6.707%
90	17.839	2672	2678	2688	rBV	403914	1058659	32.04%	2.149%
91	18.174	2727	2735	2739	rBV2	535482	1427715	43.21%	2.898%
92	18.315	2754	2759	2766	rBV8	119651	274833	8.32%	0.558%

Sum of corrected areas: 49266344

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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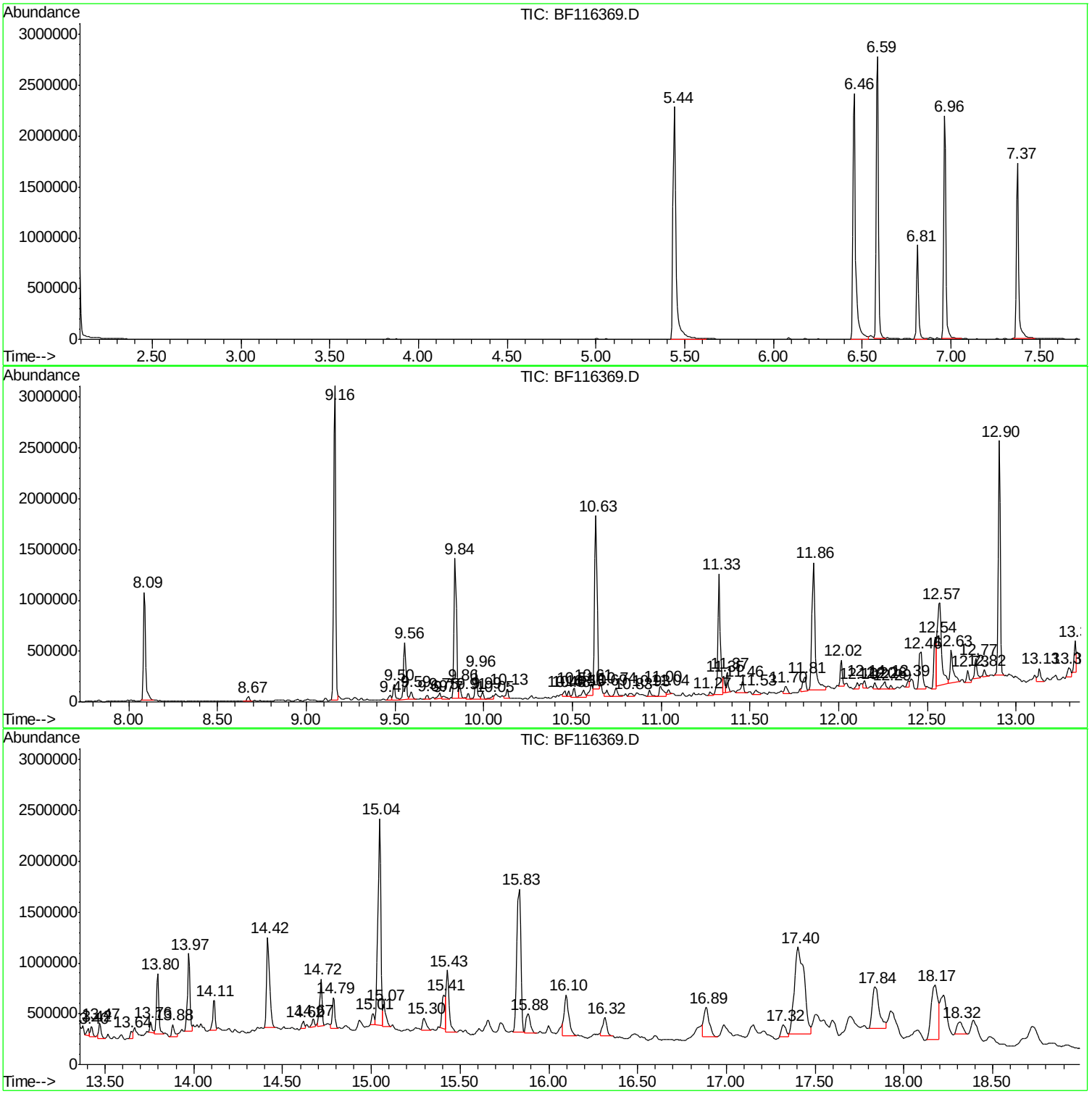
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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 F\DATA\BF081719\
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TIC Library : C:\DATABASE\NIST11.L
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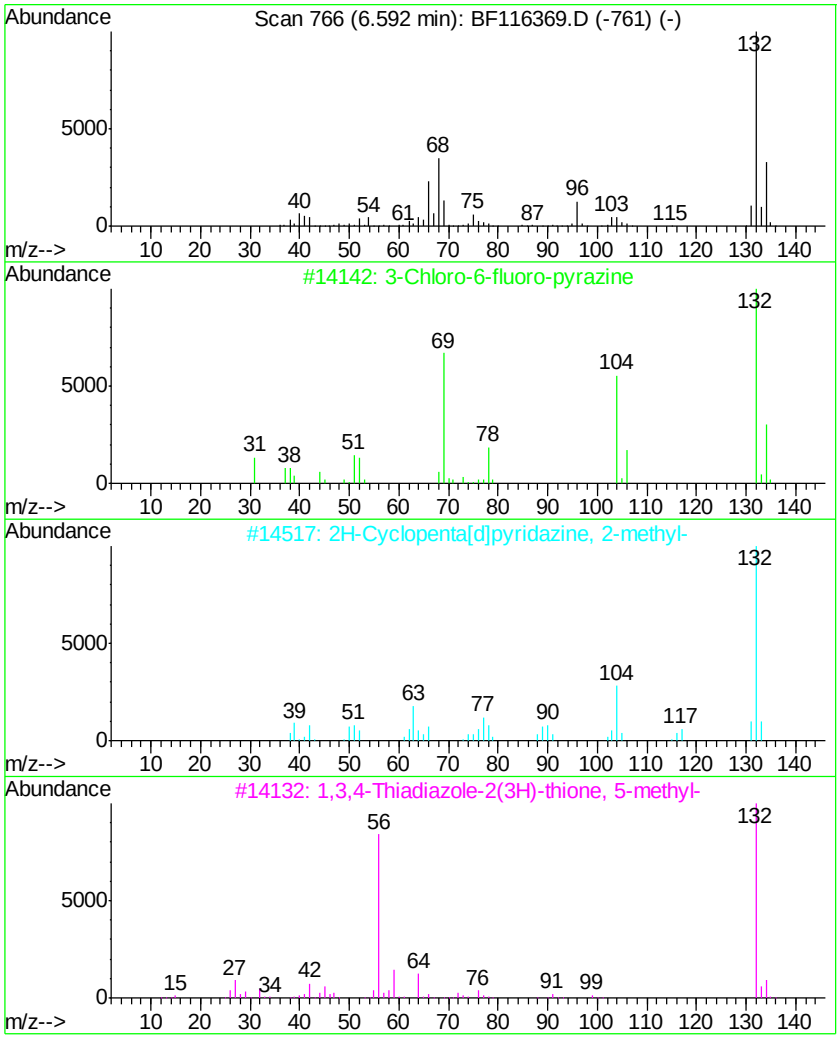
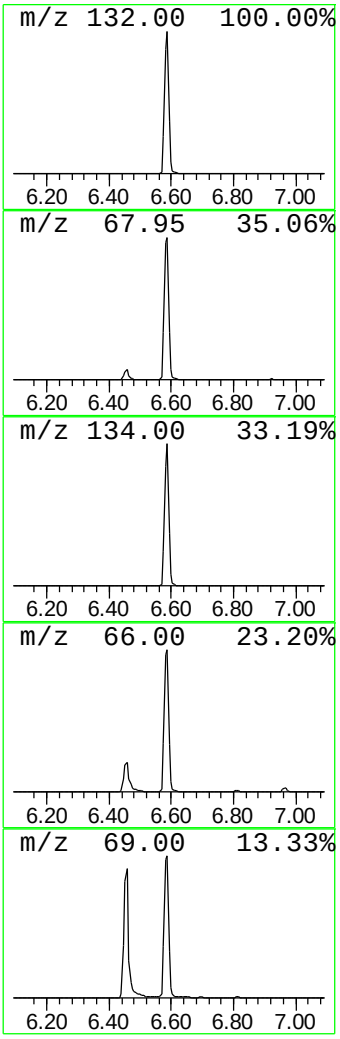
****

Peak Number 1 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	65.49 ng	2644920	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
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Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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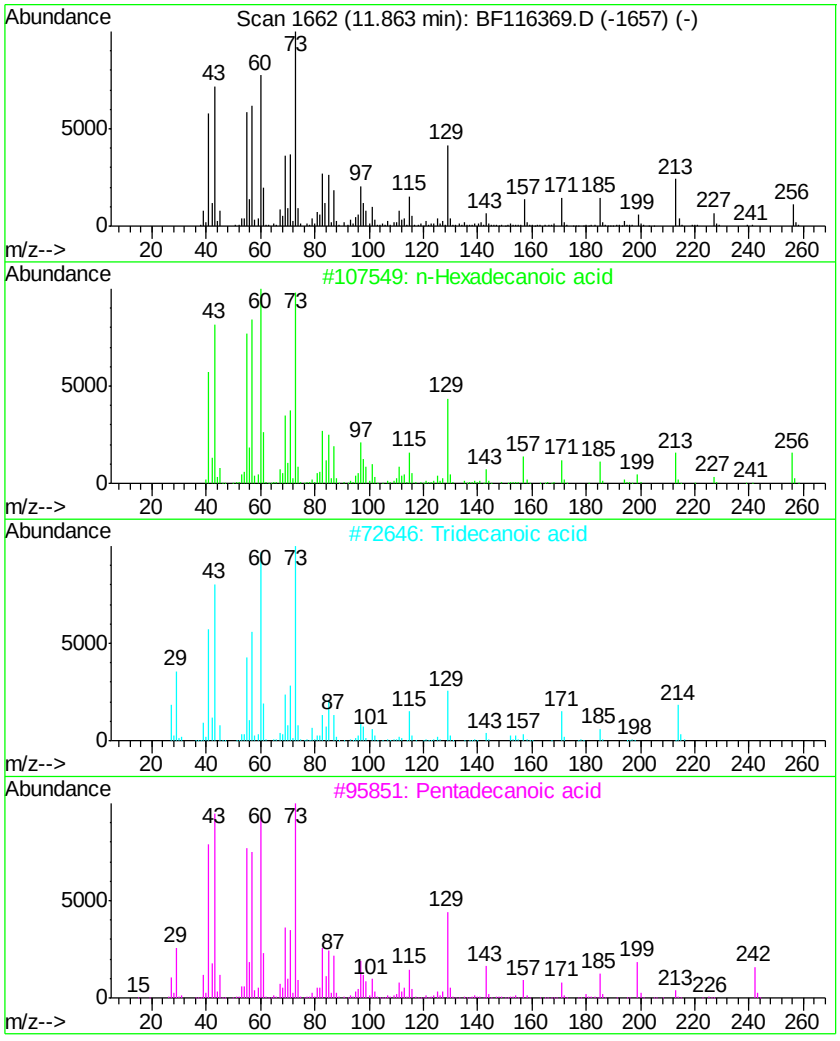
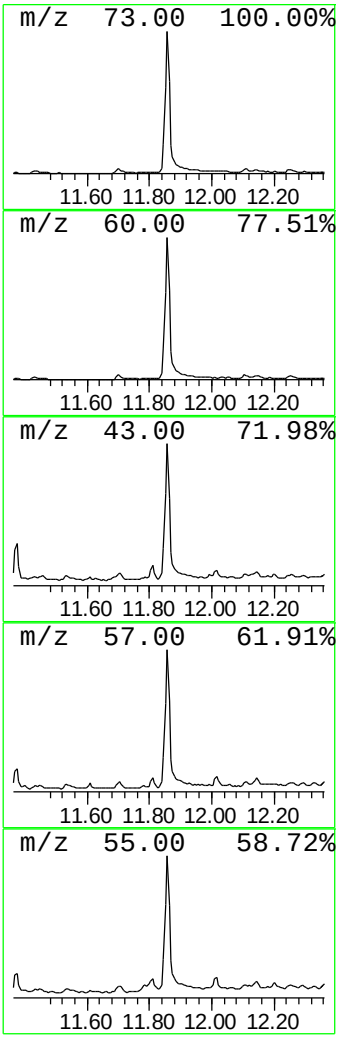
Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	25.68 ng	1462830	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	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





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TIC Library : C:\DATABASE\NIST11.L
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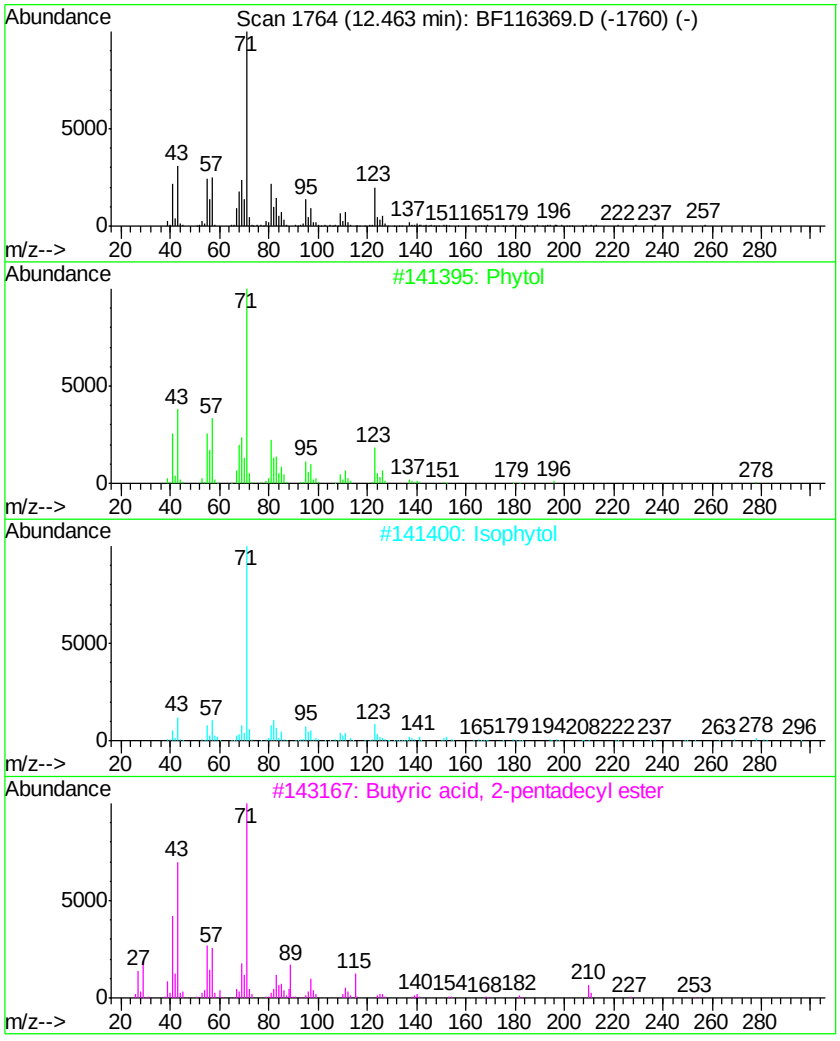
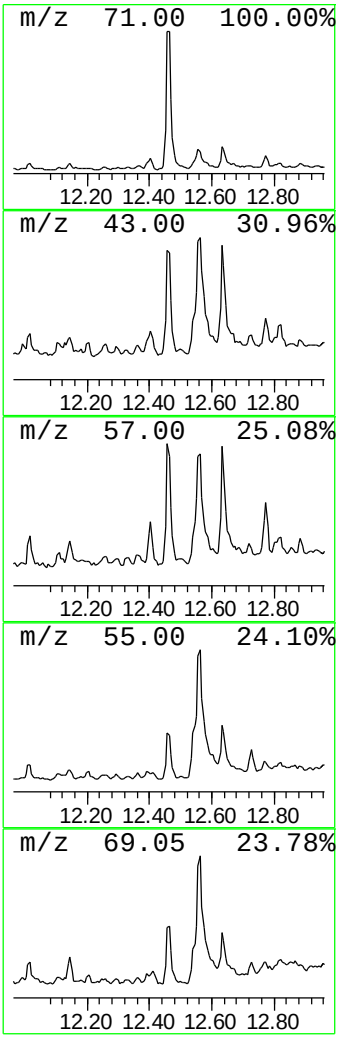
Peak Number 4 Phytol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	7.72 ng	440055	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	91
2	Isophytol	296	C20H40O	000505-32-8	72
3	Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	53
4	Cyclopropanecarboxamide, N-metha...	139	C8H13NO	1000340-05-6	50
5	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	47





Library Search Compound Report

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

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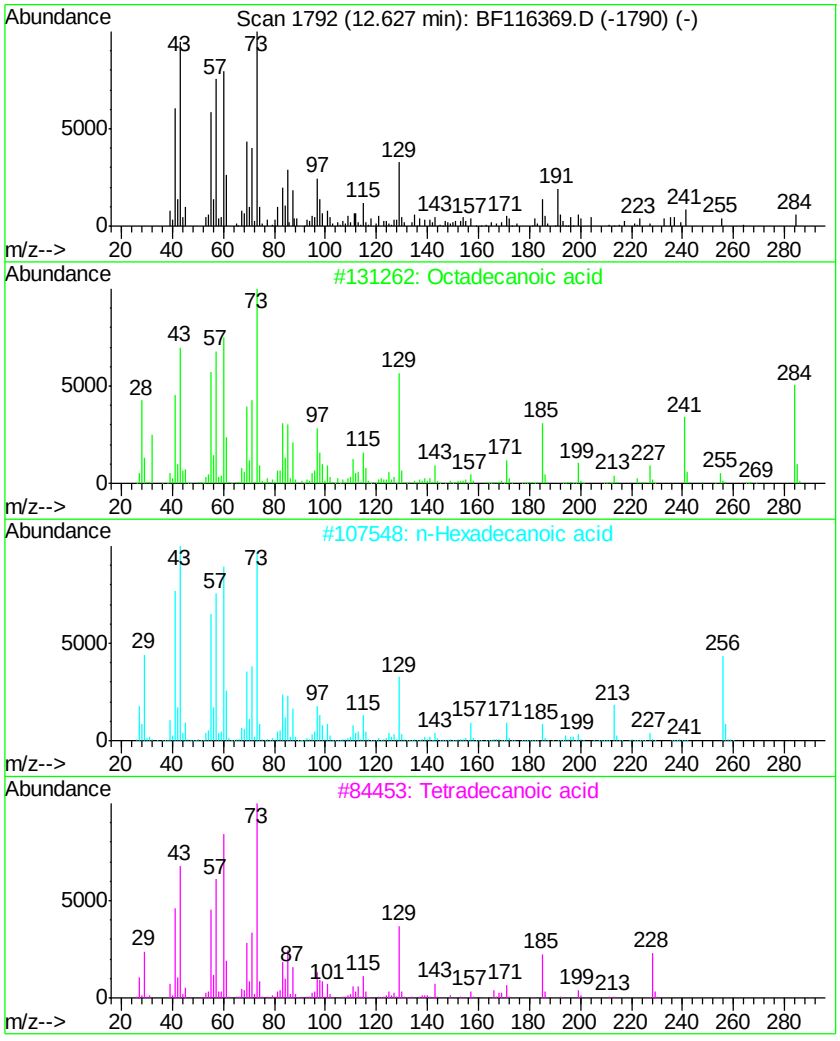
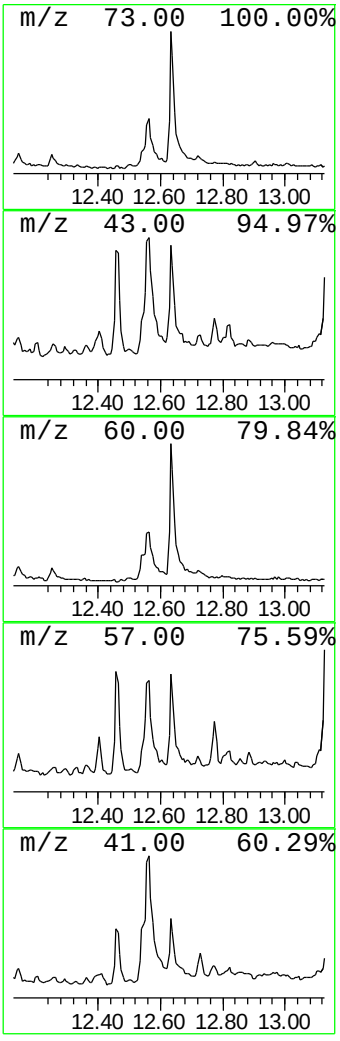
Peak Number 5 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	7.13 ng	406296	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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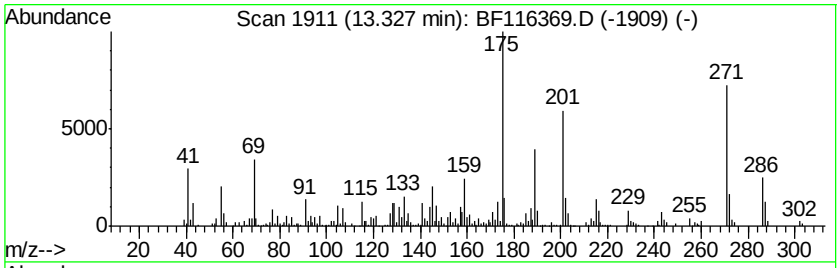
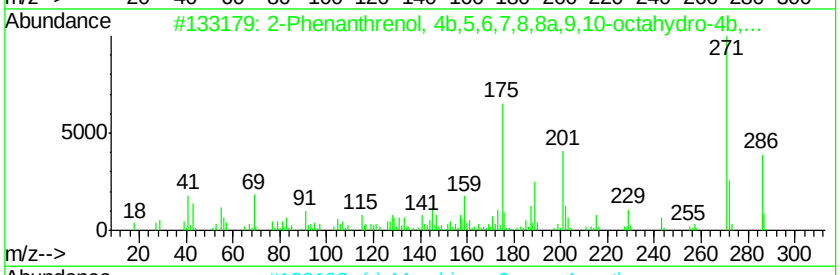
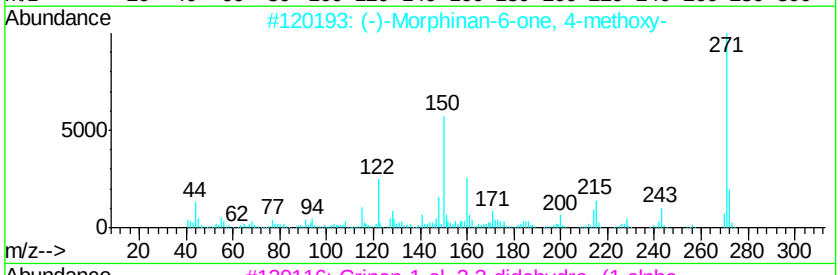
Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 20

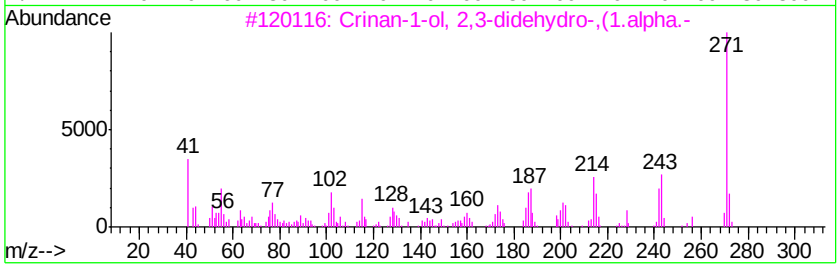
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	6.90 ng	262971	Chrysene-d12	13.97

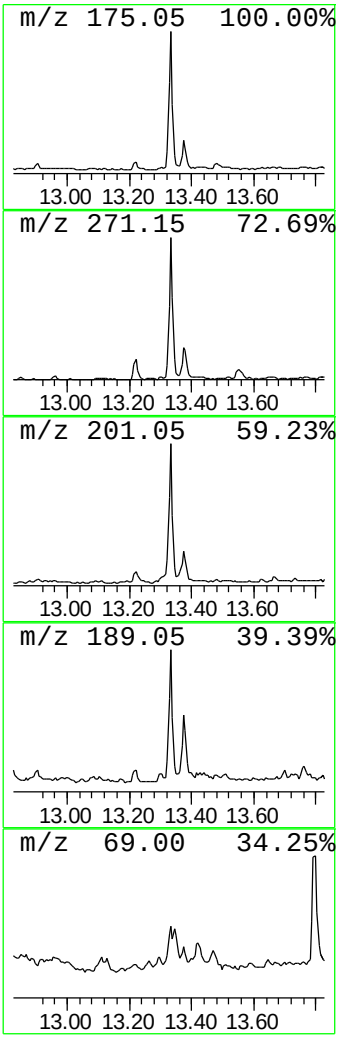
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	83
2	(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	22
3	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	22
4	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	22
5	Crinan-1-one	271	C16H17NO3	098301-98-5	18











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Acq On : 17 Aug 2019 20:34
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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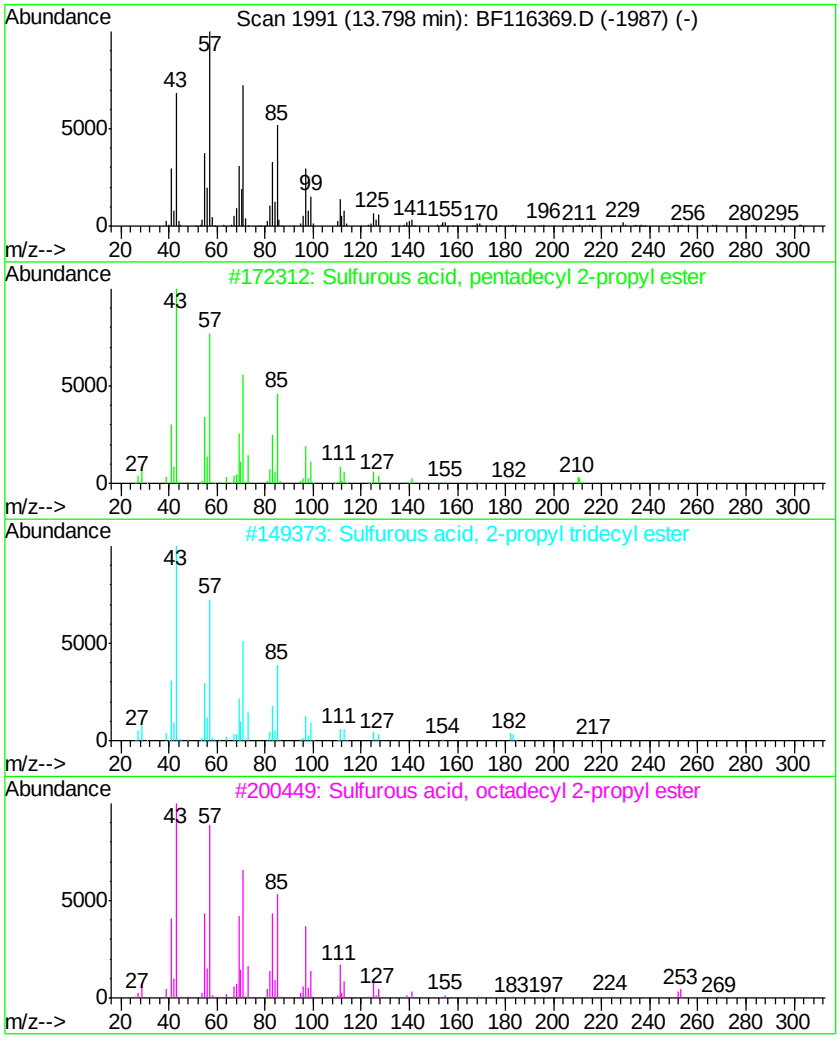
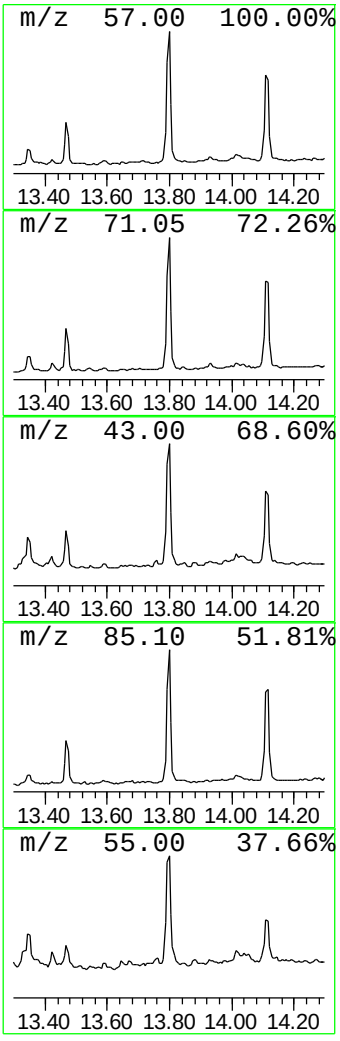
Peak Number 7 Sulfurous acid, pentadecyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	15.56 ng	593064	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	90
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
4	Nonadecane	268	C19H40	000629-92-5	72
5	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	62





Library Search Compound Report

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ClientSampleId : SP-13

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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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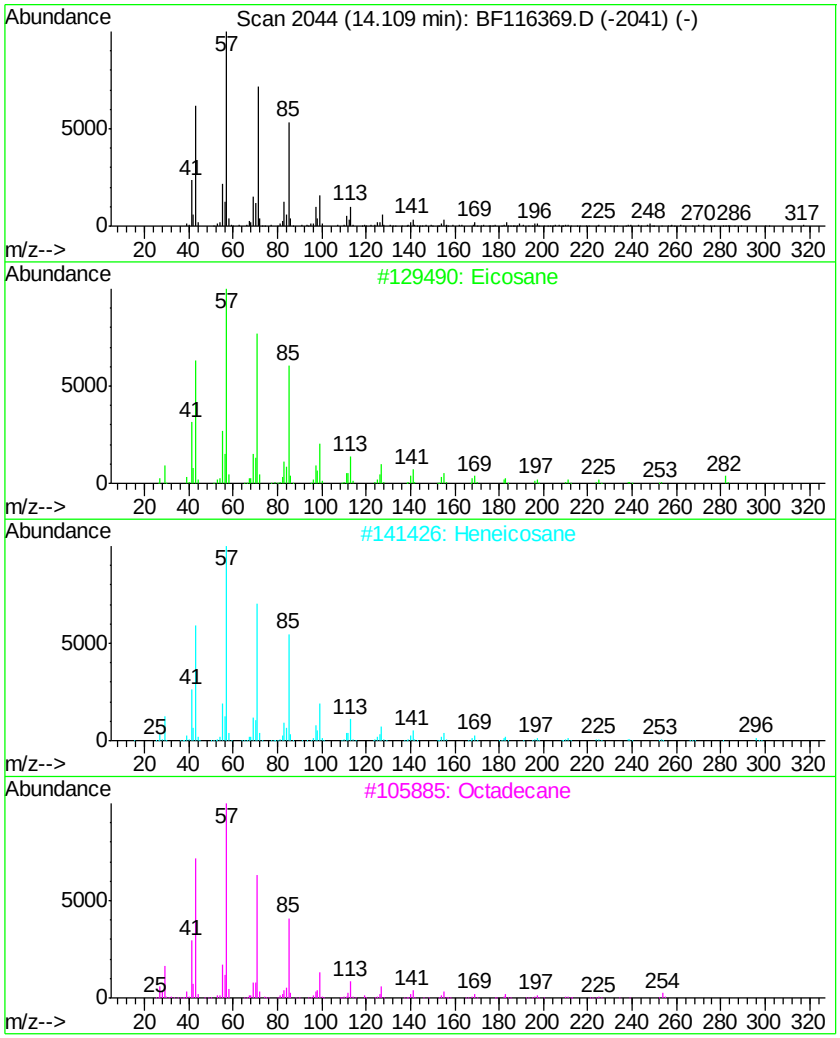
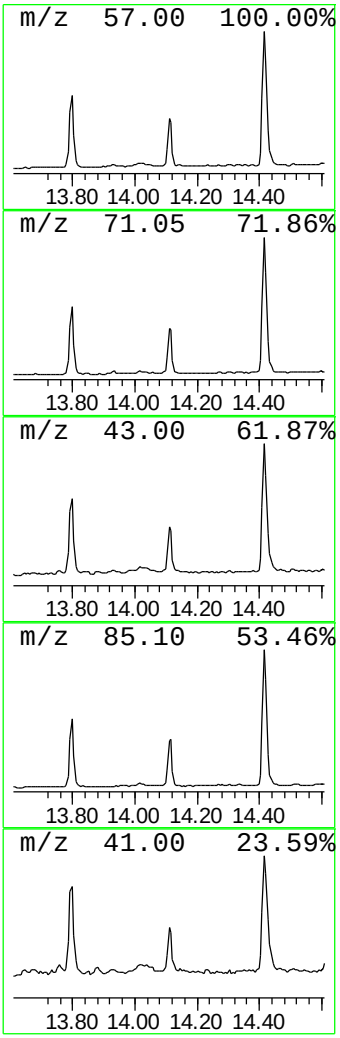
Peak Number 8 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	7.77 ng	296027	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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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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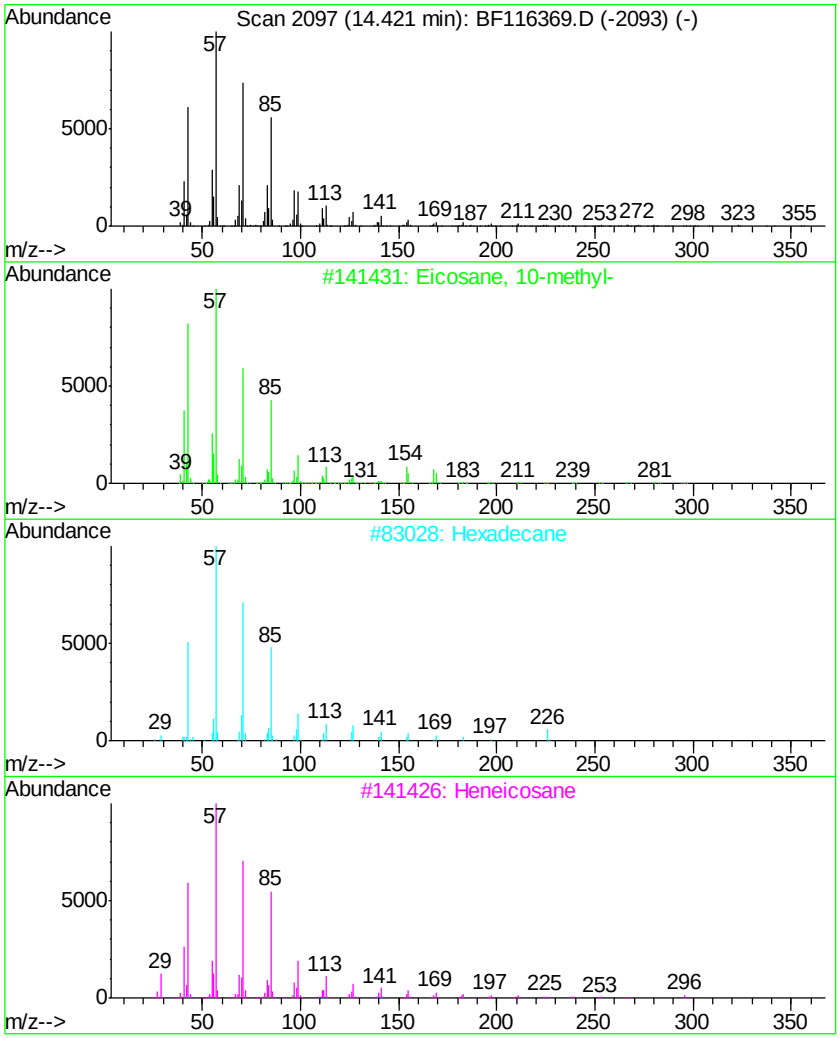
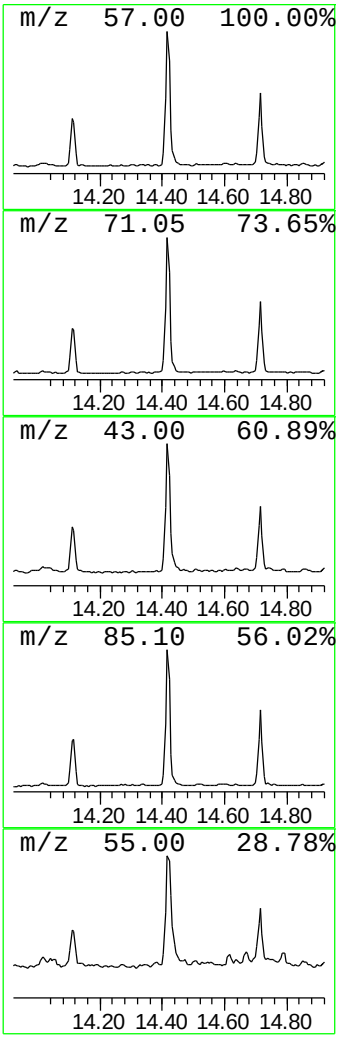
Peak Number 9 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	26.40 ng	1006530	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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ClientSampleId : SP-13

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

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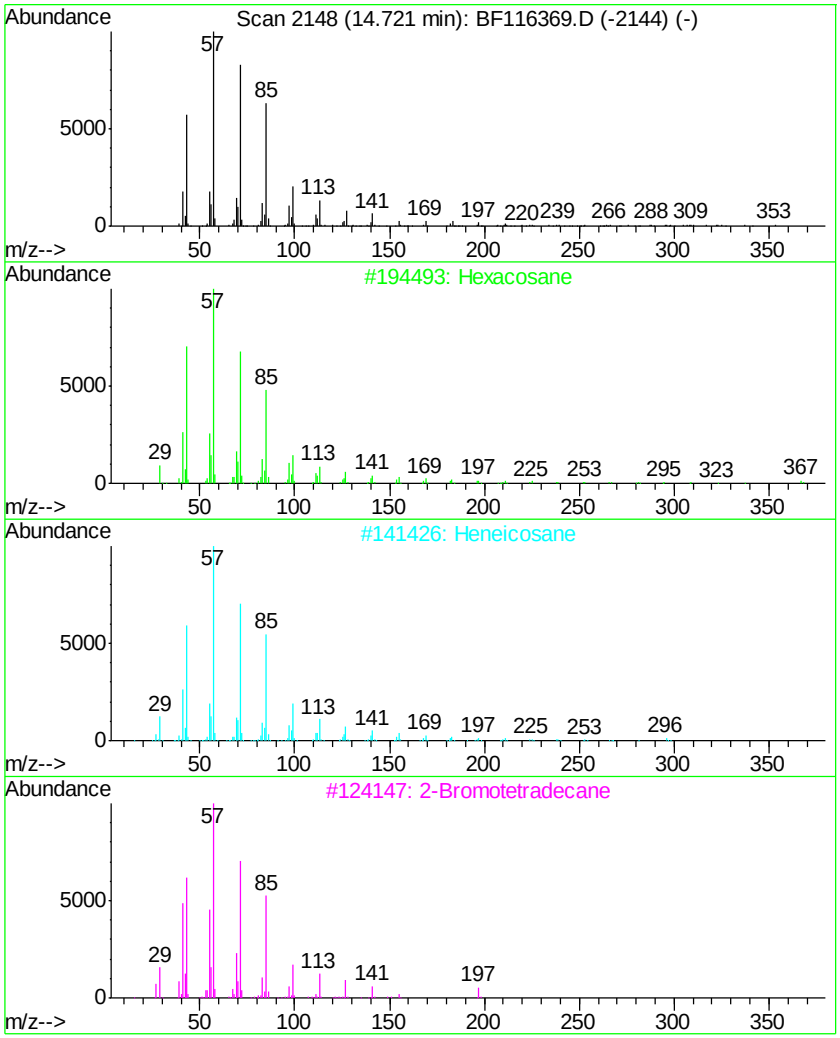
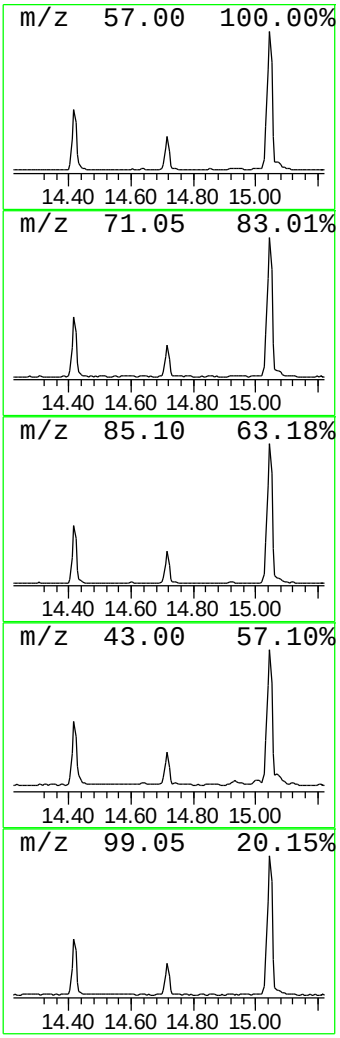
Peak Number 10 Eicosane, 7-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	10.97 ng	414522	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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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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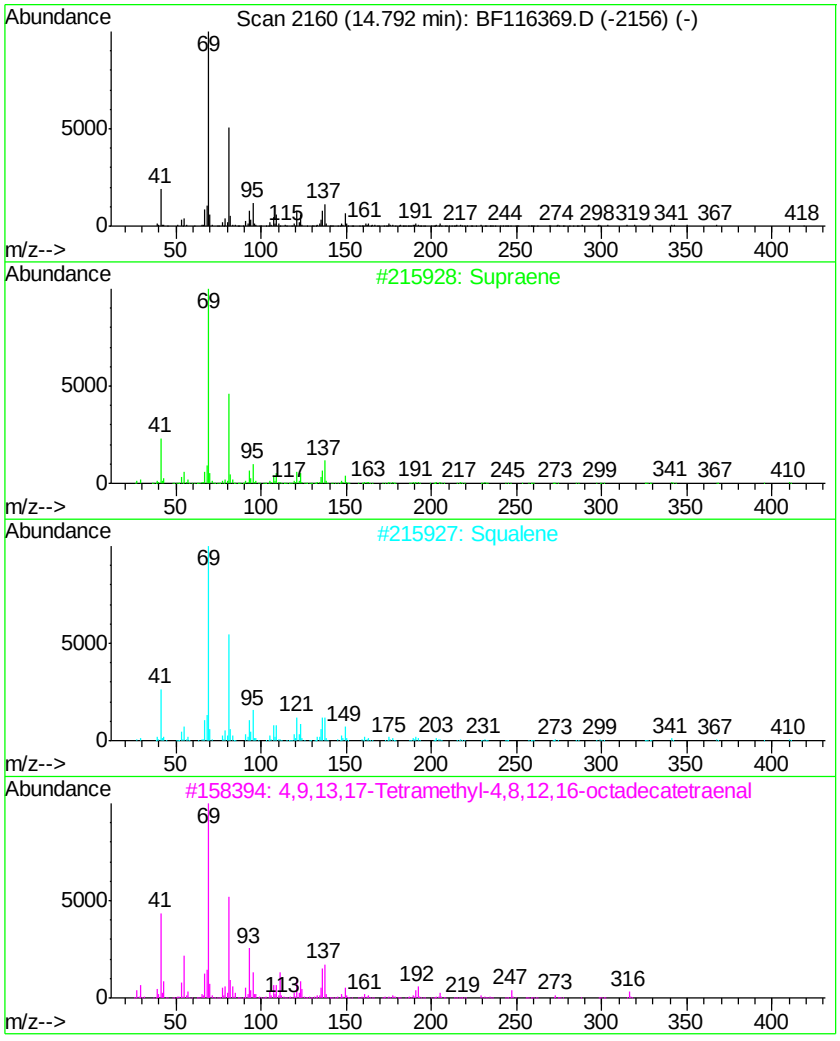
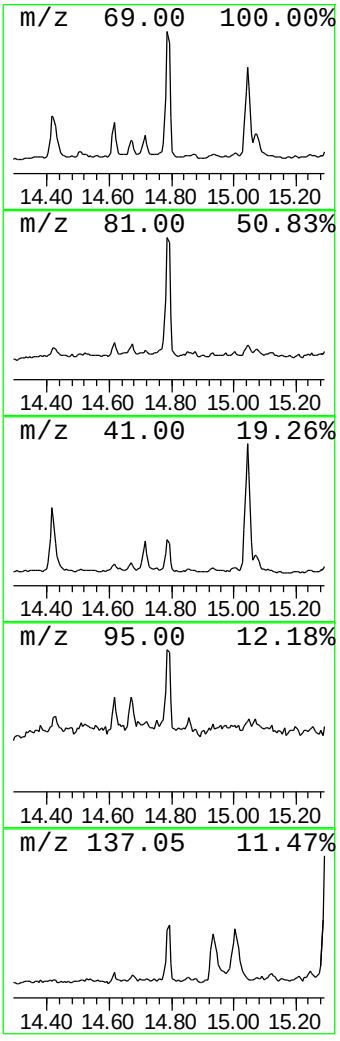
Peak Number 11 Supraene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.40 ng	317203	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	90
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64





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ClientSampleId : SP-13

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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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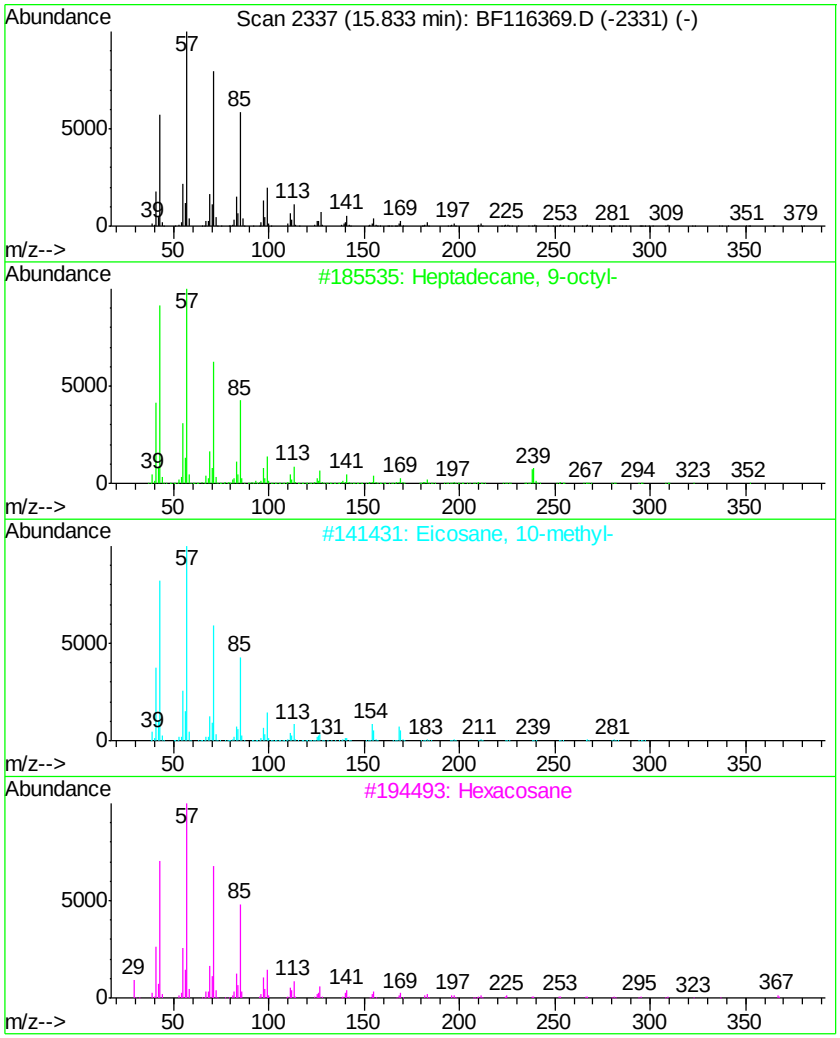
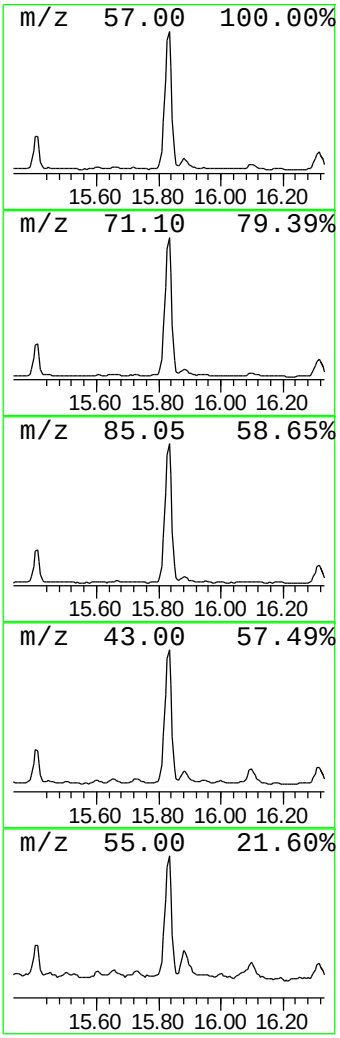
Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	55.28 ng	2088250	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





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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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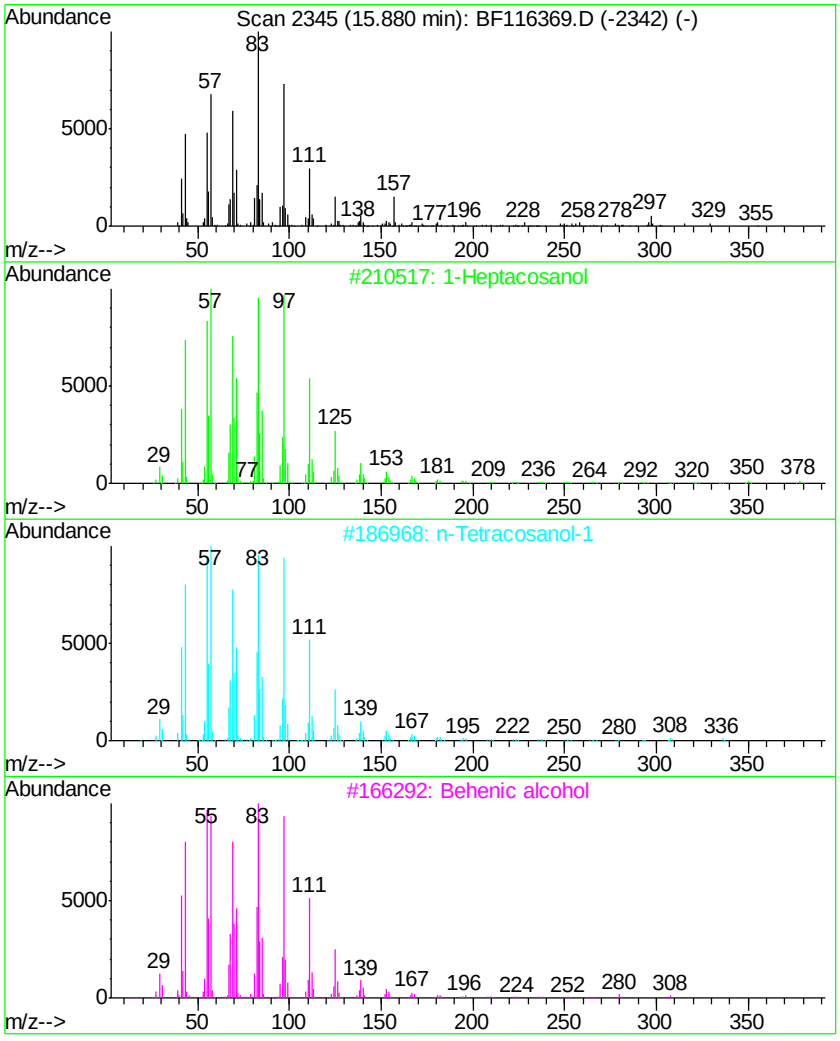
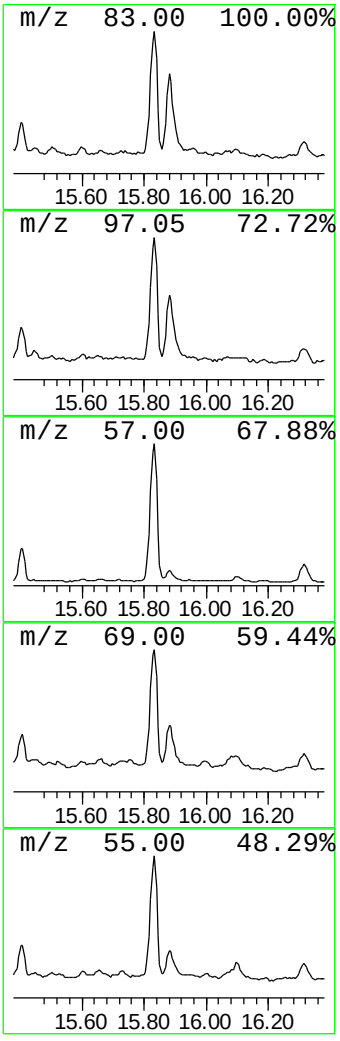
Peak Number 13 1-Heptacosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	8.18 ng	309102	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	70
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
3	Behenic alcohol	326	C22H46O	000661-19-8	58
4	1H,5H-Pyrrolo[1',2':3,4]imidazo[...	166	C10H18N2	054966-11-9	52
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	41





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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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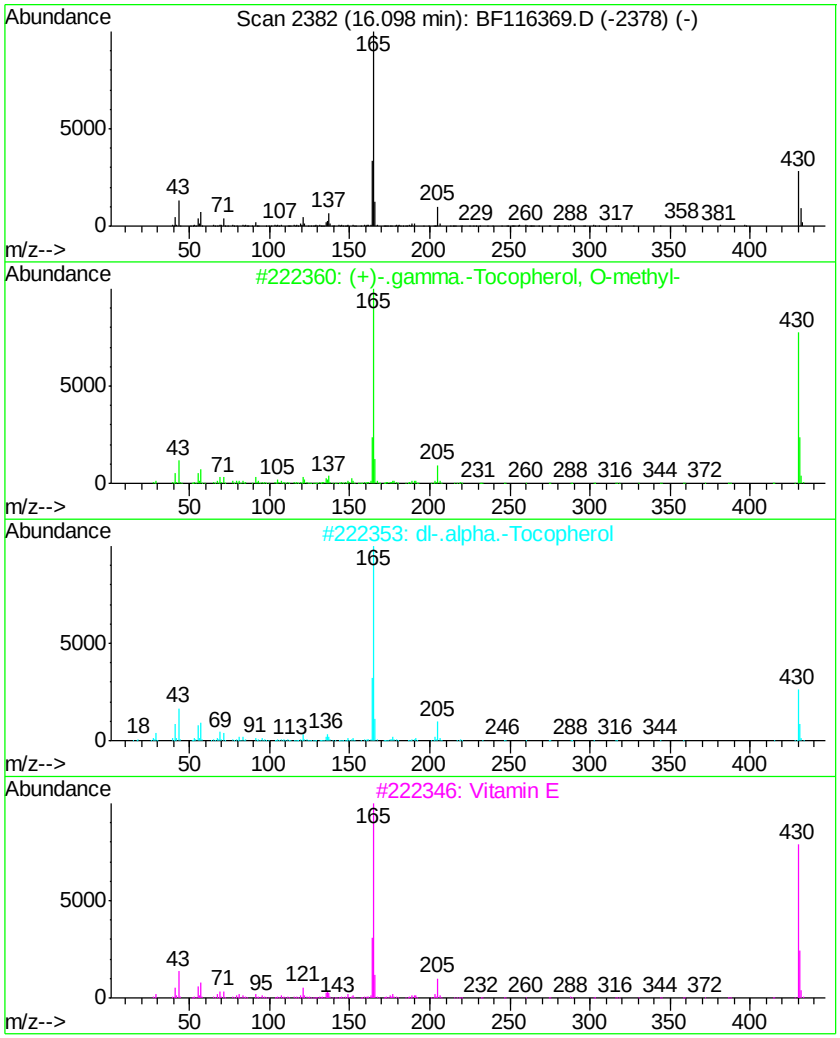
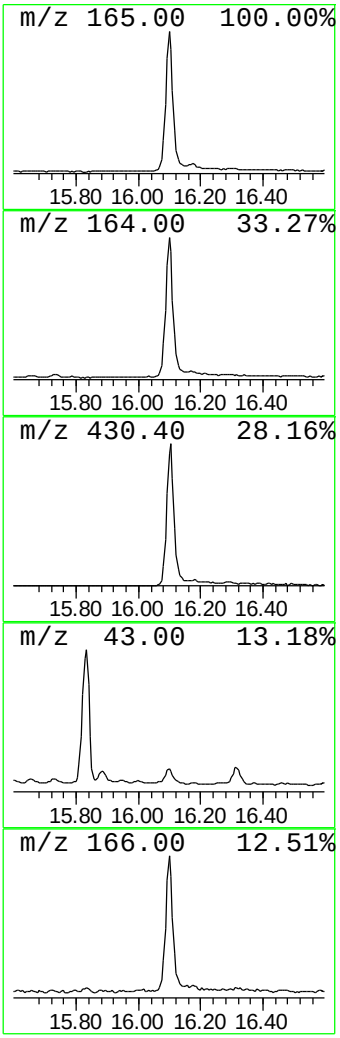
Peak Number 14 (+)-.gamma.-Tocopherol, O-m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	19.31 ng	729630	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	94
2	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
3	Vitamin E	430	C29H50O2	000059-02-9	94
4	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	59
5	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	50





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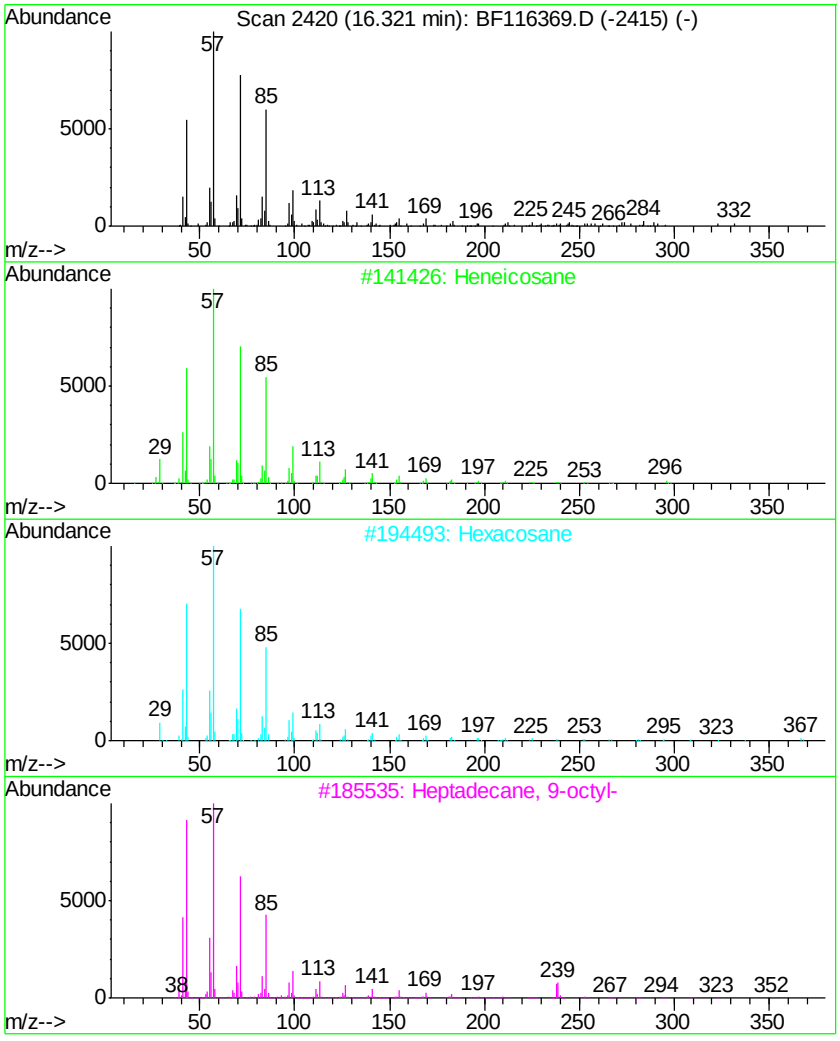
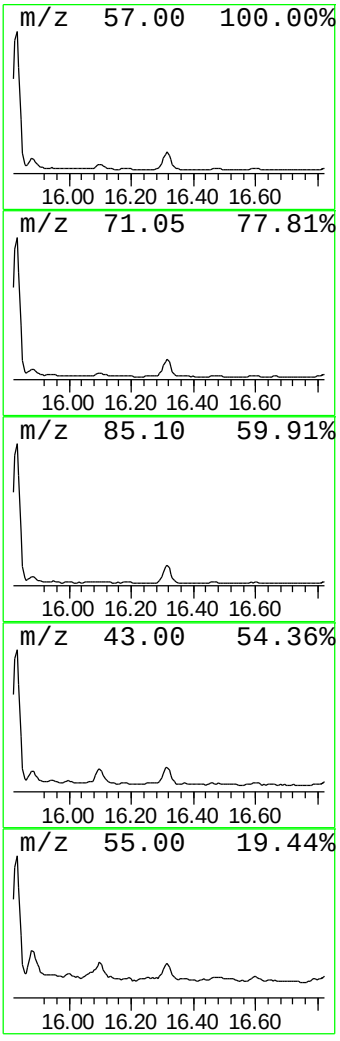
Peak Number 15 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	8.06 ng	304510	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Hexadecane	226	C16H34	000544-76-3	87





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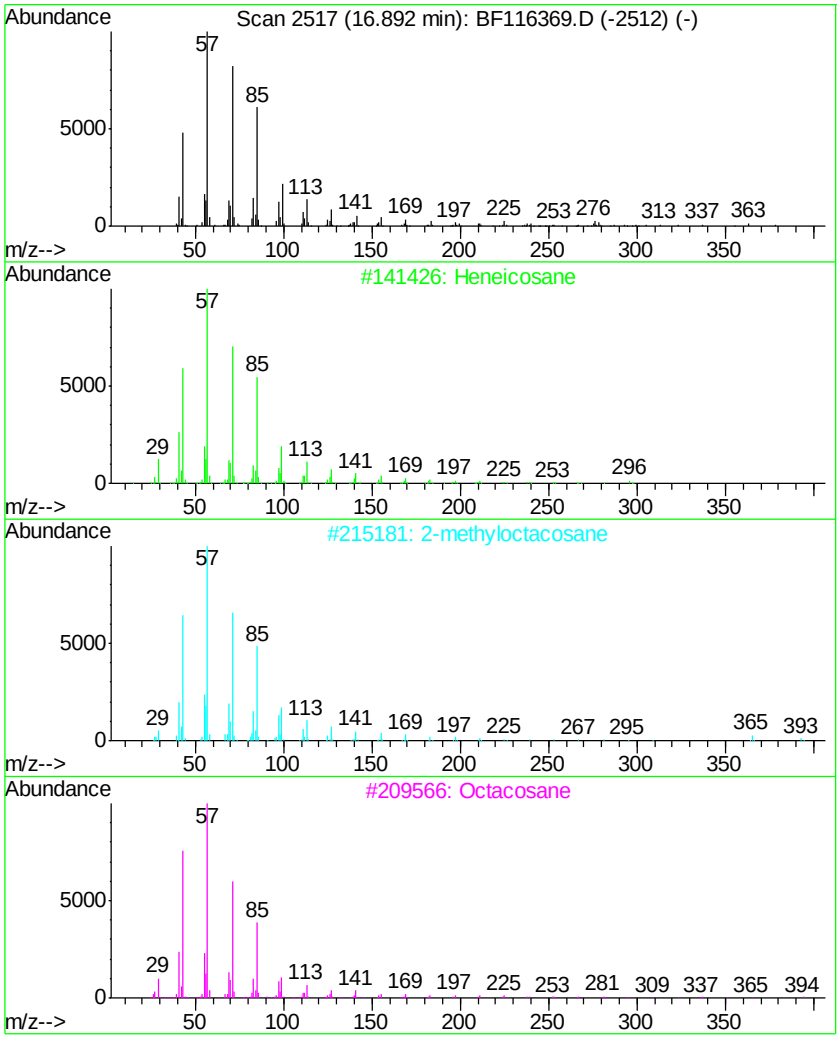
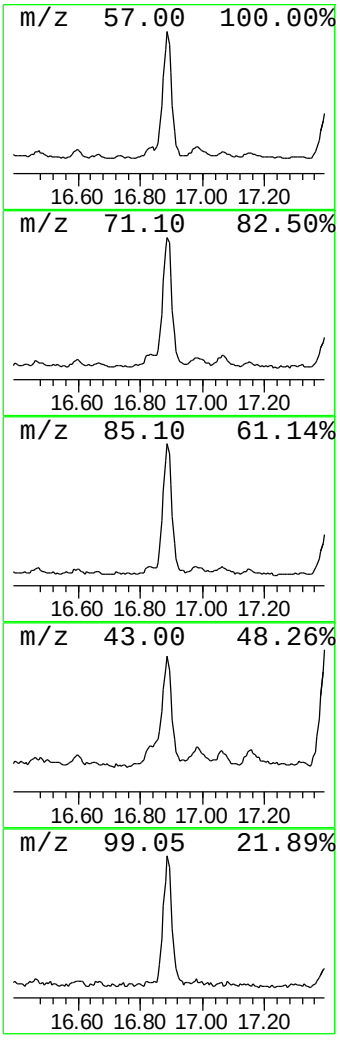
Peak Number 16 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	16.81 ng	635082	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87





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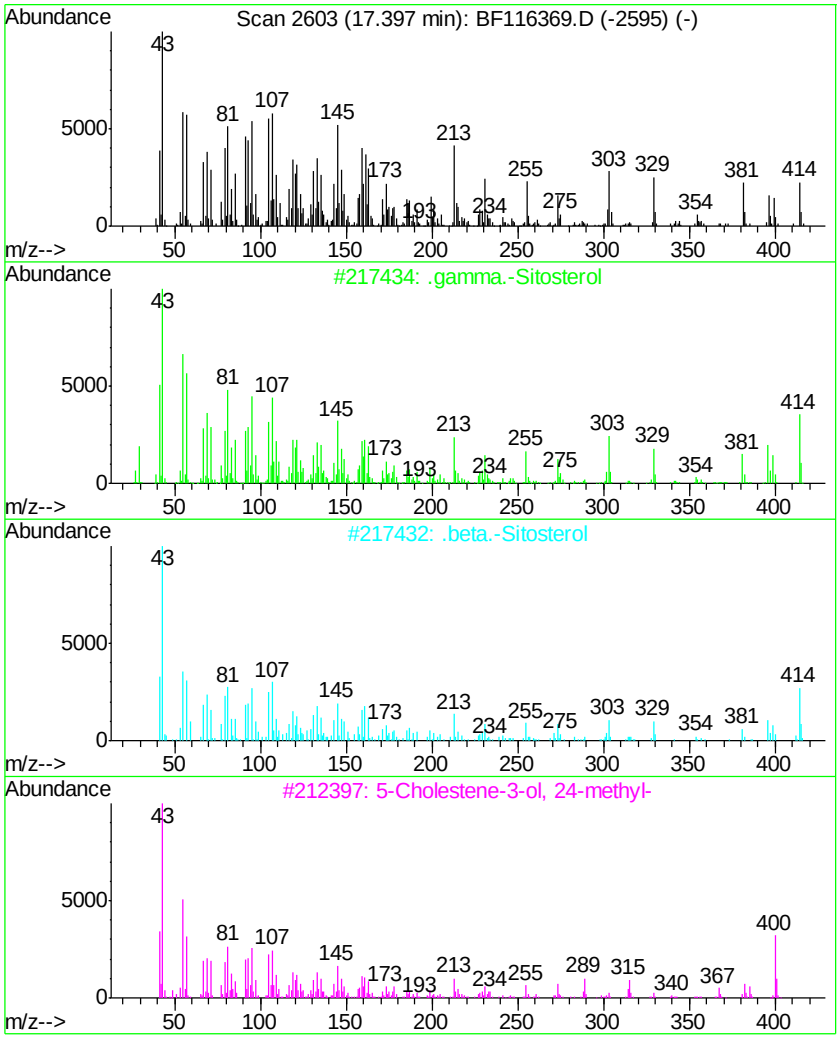
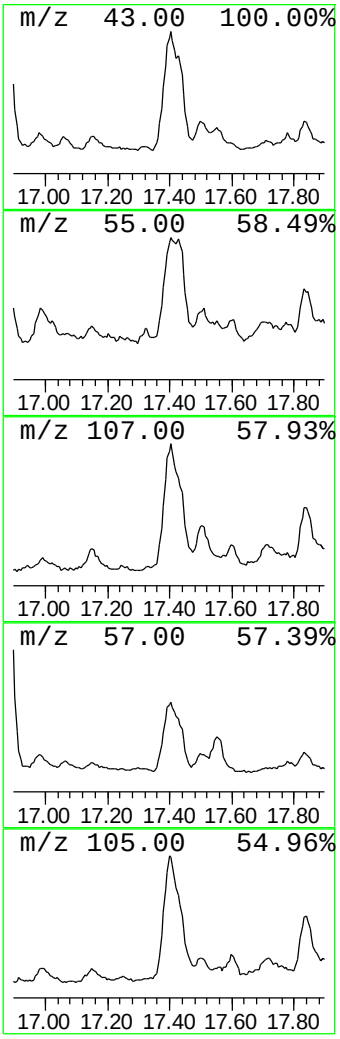
Peak Number 17 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	87.47 ng	3304360	Perylene-d12	15.43

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	95
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	68
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49
5	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	25





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Data File : BF116369.D
Acq On : 17 Aug 2019 20:34
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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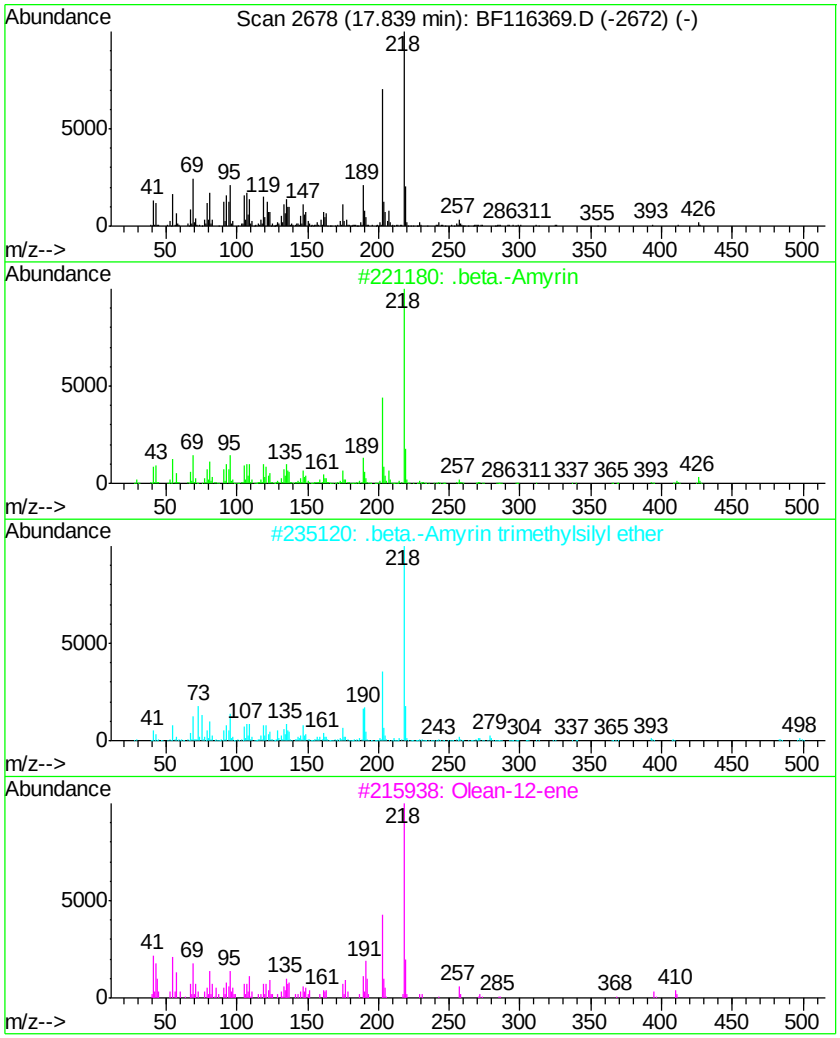
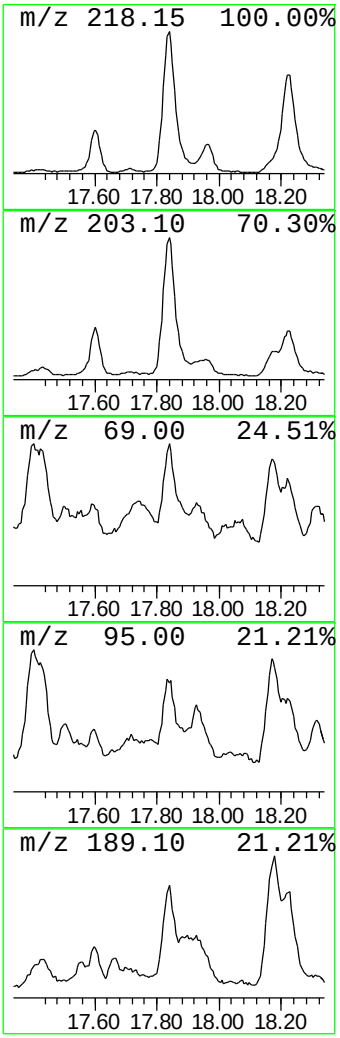
Peak Number 18 .beta.-Amyrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	28.02 ng	1058660	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	90
2	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	80
3	Olean-12-ene	410	C30H50	000471-68-1	72
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	58
5	2,4(1H,3H)-Quinazolinedione, 1,3...	218	C12H14N2O2	002049-84-5	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116369.D
Acq On : 17 Aug 2019 20:34
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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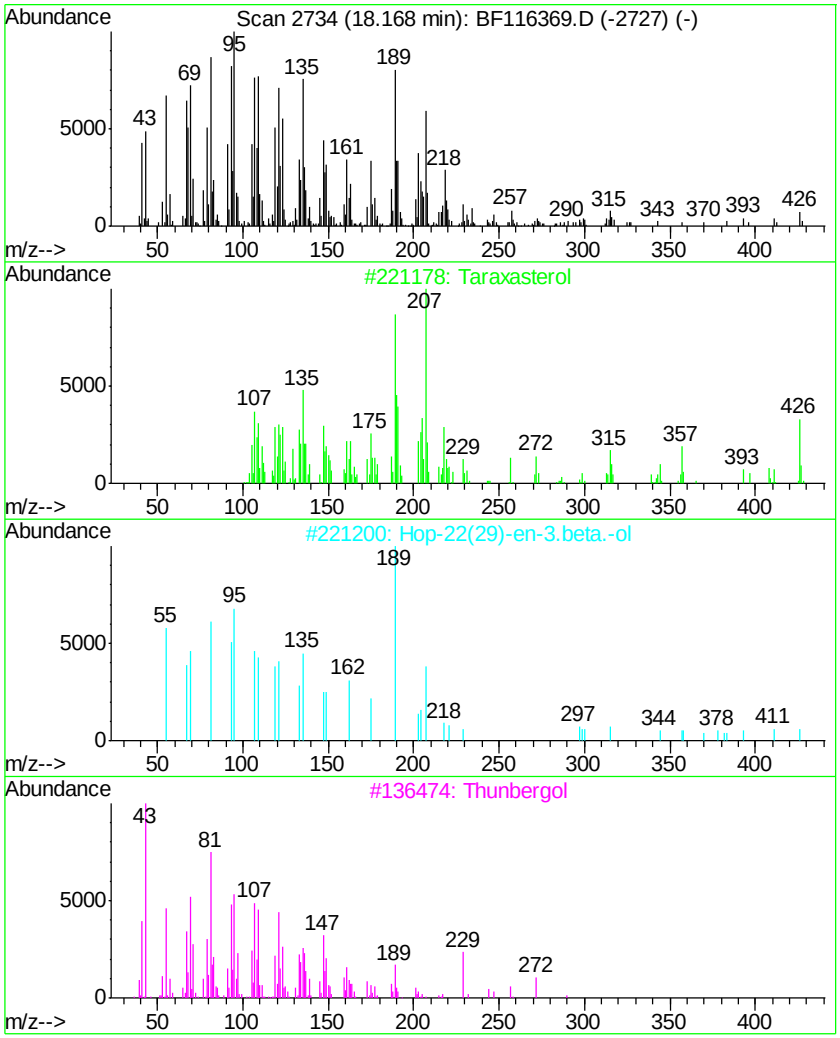
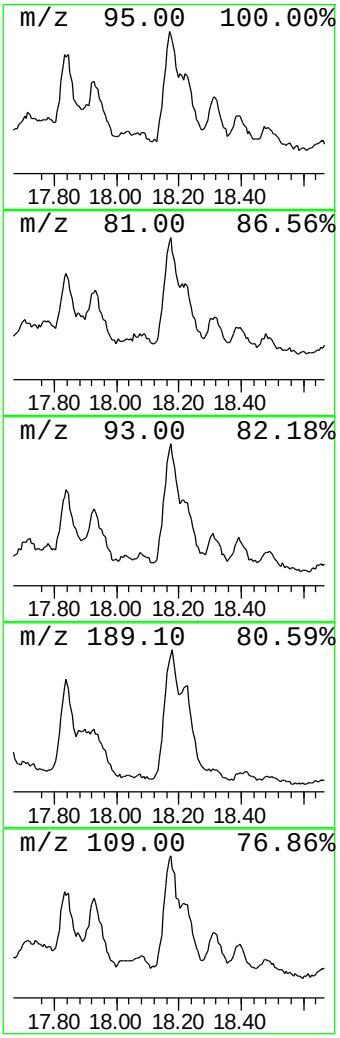
Peak Number 19 Taraxasterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	37.79 ng	1427720	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Taraxasterol	426	C30H50O	001059-14-9	78
2	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	78
3	Thunbergol	290	C20H34O	025269-17-4	64
4	Guaia-9,11-diene	204	C15H24	1000374-19-8	50
5	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116369.D
Acq On : 17 Aug 2019 20:34
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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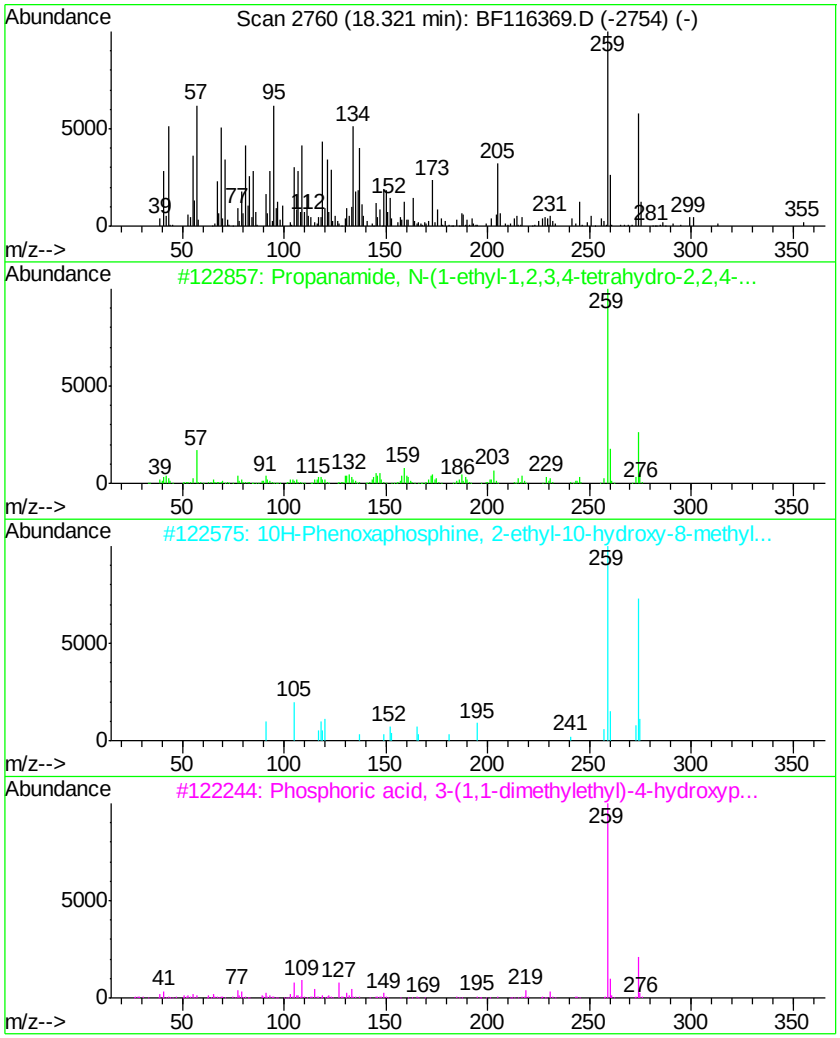
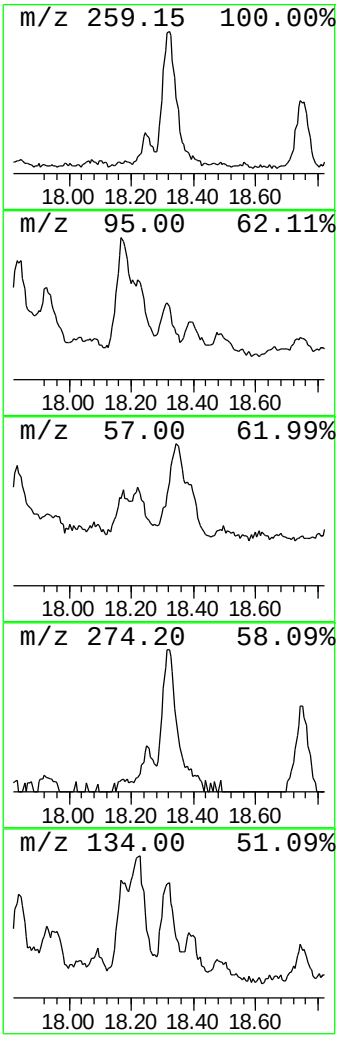
Peak Number 20 unknown18.32 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	7.27 ng	274833	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	42
2	10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	38
3	Phosphoric acid, 3-(1,1-dimethyl...	274	C12H19O5P	094420-61-8	38
4	1,3-DIETHYL-2-HYDROXYBENZOTHIAZO...	274	C14H14N2O2S	1000227-15-3	35
5	1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081719\
Data File : BF116369.D
Acq On : 17 Aug 2019 20:34
Operator : HP/JU
Sample : K4223-25
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.59	6.59	65.5	ng	2644920	1	6.81	807719	20.0
n-Hexadecanoic acid	11.86	25.7	ng	1462830	4	11.33	1139450	20.0
Phytol	12.46	7.7	ng	440055	4	11.33	1139450	20.0
Octadecanoic acid	12.63	7.1	ng	406296	4	11.33	1139450	20.0
2-Phenanthrenol, ...	13.33	6.9	ng	262971	5	13.97	762376	20.0
Sulfurous acid, p...	13.80	15.6	ng	593064	5	13.97	762376	20.0
Eicosane	14.11	7.8	ng	296027	5	13.97	762376	20.0
Eicosane, 10-methyl-	14.42	26.4	ng	1006530	5	13.97	762376	20.0
Eicosane, 7-hexyl-	14.72	11.0	ng	414522	6	15.43	755578	20.0
Supraene	14.79	8.4	ng	317203	6	15.43	755578	20.0
Heptadecane, 9-oc...	15.83	55.3	ng	2088250	6	15.43	755578	20.0
1-Heptacosanol	15.88	8.2	ng	309102	6	15.43	755578	20.0
(+)-.gamma.-Tocop...	16.10	19.3	ng	729630	6	15.43	755578	20.0
Hexacosane	16.32	8.1	ng	304510	6	15.43	755578	20.0
2-methyloctacosane	16.89	16.8	ng	635082	6	15.43	755578	20.0
.gamma.-Sitosterol	17.40	87.5	ng	3304360	6	15.43	755578	20.0
.beta.-Amyrin	17.84	28.0	ng	1058660	6	15.43	755578	20.0
Taraxasterol	18.17	37.8	ng	1427720	6	15.43	755578	20.0
unknown18.32	18.32	7.3	ng	274833	6	15.43	755578	20.0