LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

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-BF121918.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	4.004	321	326	331	rBV	372553	471145	4.50%	0.456%
2	5.116	507	515	522	rBV	176626	230612	2.20%	0.223%
3	5.522	576	584	588	rBV	3281054	3405683	32.49%	3.298%
4	6.528	750	755	760	rVB	3612994	3724677	35.54%	3.606%
5	6.669	774	779	782	rBV	4098849	3487611	33.28%	3.377%
6	6.775	792	797	800	rVB	134410	146987	1.40%	0.142%
7	6.898	814	818	821	rBV	1451804	1118472	10.67%	1.083%
8	6.934	821	824	827	rVB	722154	556807	5.31%	0.539%
9	7.057	841	845	848	rVB	3256652	2728742	26.04%	2.642%
10	7.457	908	913	916	rBV	2351143	2172986	20.73%	2.104%
11	7.934	980	994	996	rBV	414549	905633	8.64%	0.877%
12	8.086	1017	1020	1024	rBV	262663	253693	2.42%	0.246%
13	8.181	1032	1036	1039	rVB	1651740	1300050	12.40%	1.259%
14	8.992	1171	1174	1177	rBV	138212	109322	1.04%	0.106%
15	9.257	1214	1219	1222	rBV	4321081	3593029	34.28%	3.479%
16	9.386	1238	1241	1244	rBV	794704	582094	5.55%	0.564%
17	9.645	1282	1285	1290	rBV2	355276	495755	4.73%	0.480%
18	9.845	1315	1319	1325	rVB3	85393	127187	1.21%	0.123%
19	9.933	1328	1334	1338	rBV2	1618491	1383388	13.20%	1.339%
20	10.163	1370	1373	1378	rVB3	82079	107920	1.03%	0.104%
21	10.722	1463	1468	1471	rBV	2204242	2015552	19.23%	1.952%
22	10.927	1499	1503	1507	rBV6	71760	107712	1.03%	0.104%
23	10.969	1507	1510	1513	rVB	187824	155020	1.48%	0.150%
24	11.069	1523	1527	1528	rBV	306457	301755	2.88%	0.292%
25	11.080	1528	1529	1534	rVV	229333	175420	1.67%	0.170%
26	11.127	1534	1537	1540	rVV	199055	164417	1.57%	0.159%
27	11.257	1556	1559	1564	rBV	766879	710502	6.78%	0.688%
28	11.363	1575	1577	1581	rBV2	111823	150117	1.43%	0.145%
29	11.398	1581	1583	1584	rVV	184122	160583	1.53%	0.155%
30	11.416	1584	1586	1590	rVV	1340397	1186569	11.32%	1.149%
31	11.474	1593	1596	1599	rVB2	409706	425845	4.06%	0.412%
32	11.533	1602	1606	1608	rVV3	102714	146374	1.40%	0.142%
33	11.580	1611	1614	1619	rVV2	245130	303096	2.89%	0.293%
34	11.645	1619	1625	1629	rVV3	236750	310270	2.96%	0.300%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.716	1632	1637	1642	rVB4	61904	120331	1.15%	0.117%
36	11.786	1647	1649	1654	rBV4	86158	134998	1.29%	0.131%
37	11.874	1661	1664	1667	rBV	140640	132868	1.27%	0.129%
38	11.910	1667	1670	1672	rVV3	115078	115611	1.10%	0.112%
39	11.951	1672	1677	1685	rVV	1200547	1238881	11.82%	1.200%
40	12.033	1689	1691	1695	rVB	142985	123083	1.17%	0.119%
41	12.121	1703	1706	1712	rVB2	184735	197741	1.89%	0.191%
42	12.221	1721	1723	1729	rVB3	115951	132355	1.26%	0.128%
43	12.280	1730	1733	1736	rBV	420512	377800	3.60%	0.366%
44	12.463	1761	1764	1767	rBV	190310	167708	1.60%	0.162%
45	12.510	1769	1772	1774	rVV	344380	317433	3.03%	0.307%
46	12.551	1774	1779	1784	rVB4	577699	766703	7.32%	0.742%
47	12.686	1798	1802	1805	rVB3	395664	449184	4.29%	0.435%
48	12.733	1806	1810	1813	rBV	855682	810271	7.73%	0.785%
49	12.880	1833	1835	1842	rBV	177126	215518	2.06%	0.209%
50	13.004	1852	1856	1861	rVB	3304111	3192010	30.46%	3.091%
51	13.098	1869	1872	1875	rBV	547712	479209	4.57%	0.464%
52	13.127	1875	1877	1882	rVB3	258801	360092	3.44%	0.349%
53	13.192	1884	1888	1890	rBV	1660180	1665441	15.89%	1.613%
54	13.210	1890	1891	1894	rVV	1222524	896110	8.55%	0.868%
55	13.239	1894	1896	1899	rVV	1226621	959997	9.16%	0.930%
56	13.274	1900	1902	1907	rVV3	126011	131937	1.26%	0.128%
57	13.327	1908	1911	1913	rVV	277233	251584	2.40%	0.244%
58	13.380	1916	1920	1923	rVV2	1790068	1802949	17.20%	1.746%
59	13.416	1923	1926	1930	rVV3	500153	634770	6.06%	0.615%
60	13.451	1930	1932	1935	rVV	337799	446859	4.26%	0.433%
61	13.486	1935	1938	1942	rVV2	764270	921553	8.79%	0.892%
62	13.551	1946	1949	1952	rVV2	200157	292941	2.80%	0.284%
63	13.598	1952	1957	1961	rVB2	987153	1570647	14.99%	1.521%
64	13.698	1971	1974	1978	rVB2	1213618	1060965	10.12%	1.027%
65	13.745	1979	1982	1984	rBV	462035	442643	4.22%	0.429%
66	13.804	1988	1992	1996	rVV4	296691	591354	5.64%	0.573%
67	13.904	2003	2009	2016	rBV2	5431137	7792233	74.35%	7.545%
68	13.963	2016	2019	2022	rVB2	308878	297302	2.84%	0.288%
69	14.027	2027	2030	2032	rBV2	338352	376285	3.59%	0.364%
70	14.057	2032	2035	2038	rVB	1168162	1012461	9.66%	0.980%
71	14.092	2038	2041	2044	rBV	1459419	1383073	13.20%	1.339%

LSC Area Percent Report

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Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

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_F\METHODS\8270-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.121	2044	2046	2050	rBV	414265	359025	3.43%	0.348%
73	14.227	2060	2064	2069	rVB3	718400	1044380	9.96%	1.011%
74	14.274	2069	2072	2075	rVB2	347155	354291	3.38%	0.343%
75	14.315	2076	2079	2082	rBV	581481	561172	5.35%	0.543%
76	14.351	2082	2085	2089	rBV2	954383	870844	8.31%	0.843%
77	14.404	2092	2094	2097	rBV	261376	196581	1.88%	0.190%
78	14.545	2114	2118	2124	rVV	8935907	10480884	100.00%	10.148%
79	14.598	2124	2127	2131	rVB2	340673	345460	3.30%	0.334%
80	14.663	2136	2138	2145	rVB	367400	392058	3.74%	0.380%
81	14.757	2151	2154	2156	rBV	403024	428395	4.09%	0.415%
82	14.833	2164	2167	2169	rBV	692963	822341	7.85%	0.796%
83	14.857	2169	2171	2176	rVB3	709251	1083417	10.34%	1.049%
84	14.998	2191	2195	2199	rVB	1530348	1576763	15.04%	1.527%
85	15.210	2225	2231	2232	rBV2	2958422	4285651	40.89%	4.150%
86	15.280	2240	2243	2253	rVB	711393	1027932	9.81%	0.995%
87	15.368	2256	2258	2265	rVB2	312724	382990	3.65%	0.371%
88	15.545	2285	2288	2292	rVB	513049	570539	5.44%	0.552%
89	15.621	2298	2301	2305	rVB2	294269	353378	3.37%	0.342%
90	15.798	2326	2331	2334	rBV	1415925	1930472	18.42%	1.869%
91	16.045	2368	2373	2376	rBV	1088247	1677688	16.01%	1.624%
92	16.086	2376	2380	2386	rVV	1463301	2123382	20.26%	2.056%
93	16.162	2389	2393	2397	rVV	605861	834116	7.96%	0.808%
94	16.204	2397	2400	2409	rVB3	399093	706830	6.74%	0.684%
95	16.286	2411	2414	2416	rBV2	200783	289125	2.76%	0.280%
96	16.862	2506	2512	2519	rVB	564358	1060406	10.12%	1.027%
97	17.251	2573	2578	2588	rVB3	401708	903880	8.62%	0.875%
98	17.362	2591	2597	2601	rBV	534090	1166333	11.13%	1.129%
99	17.668	2643	2649	2656	rVB3	533191	1207109	11.52%	1.169%
100	17.768	2661	2666	2675	rVB6	460011	1164432	11.11%	1.127%

Sum of corrected areas: 103277799

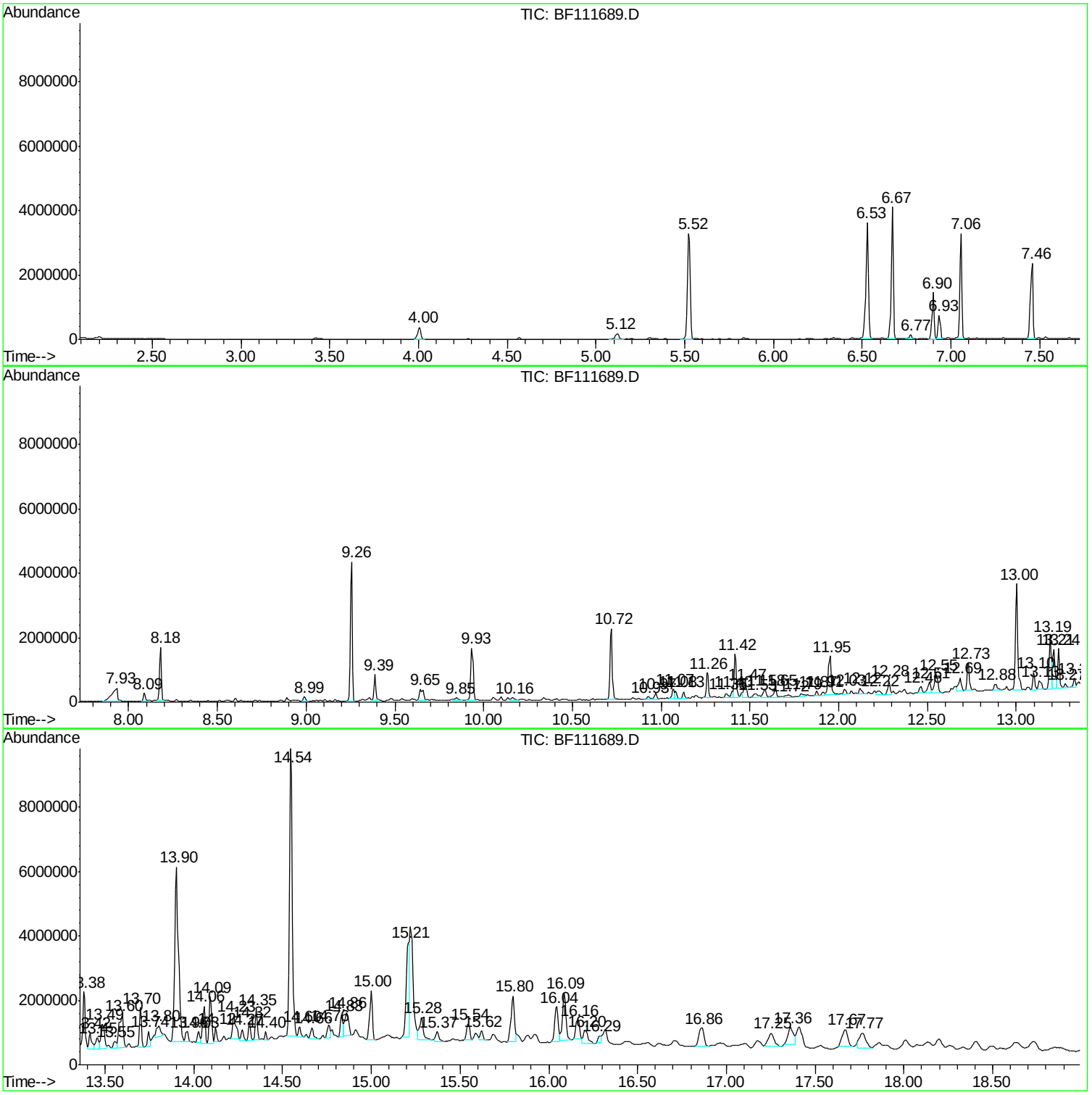
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

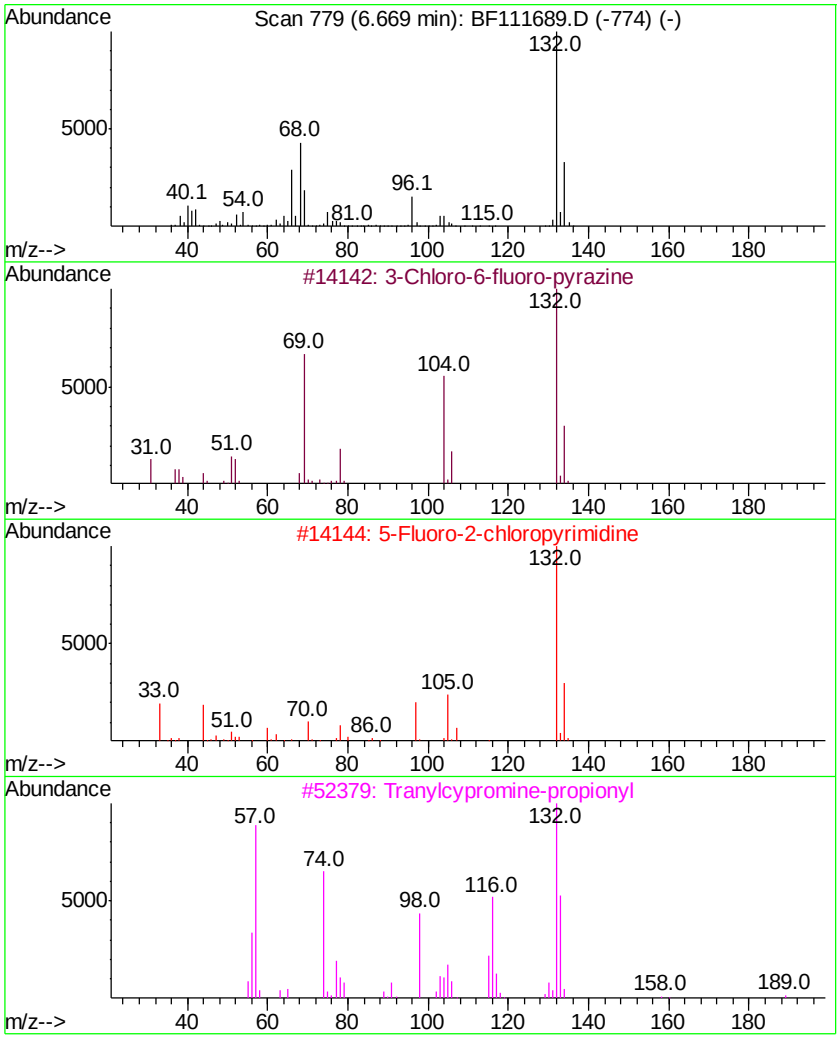
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

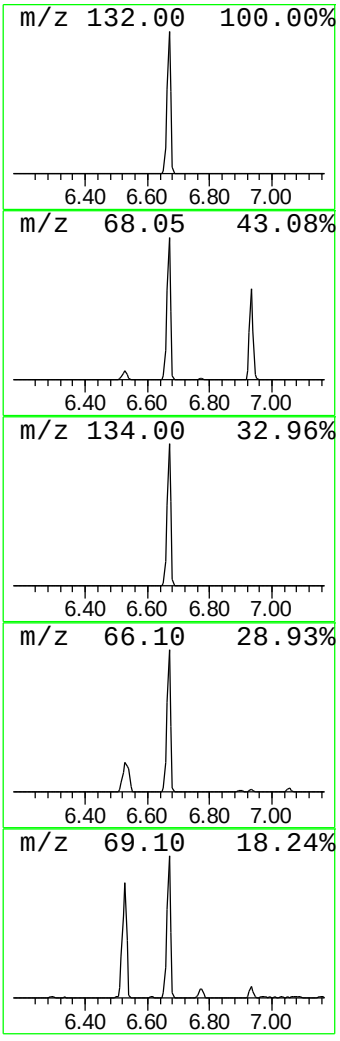
****

Peak Number 1 unknown6.67 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	62.36 ng	3487610	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

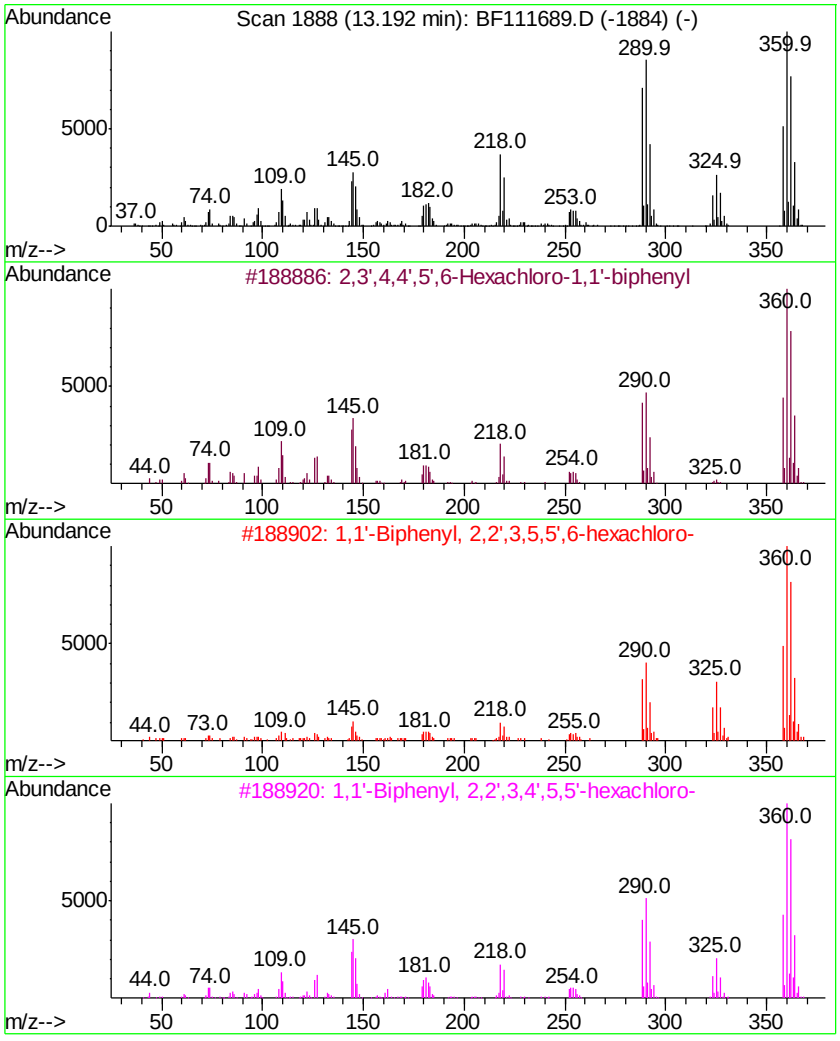
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

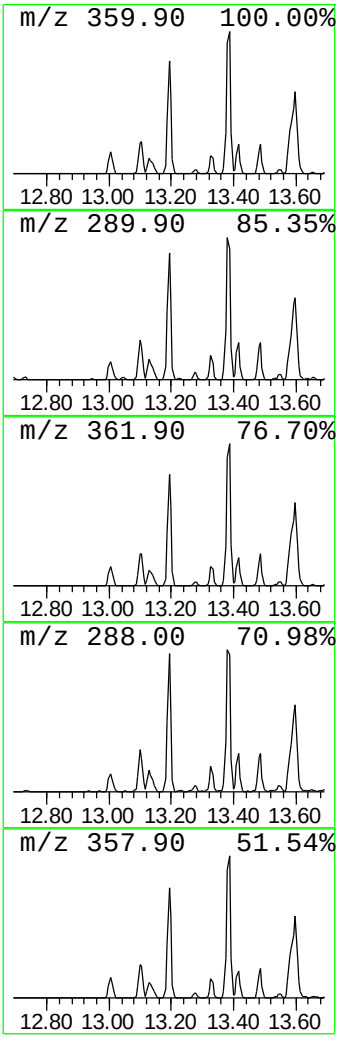
****

Peak Number 3 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	32.90 ng	1665440	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

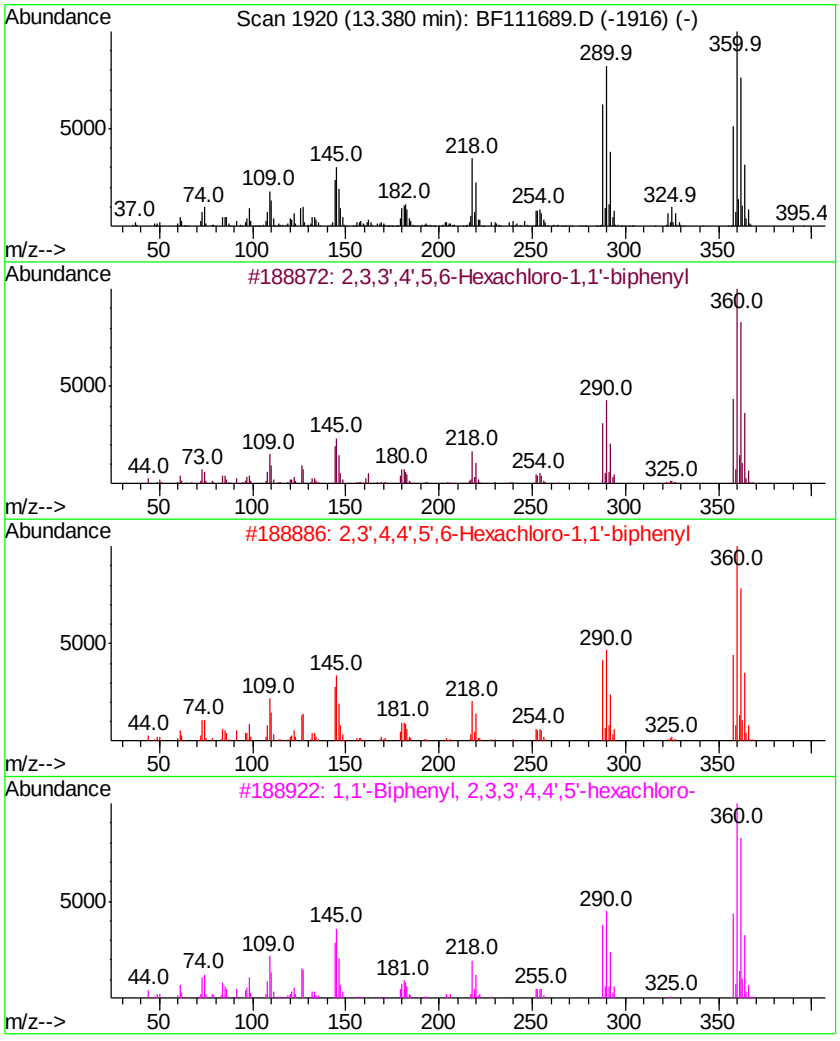
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

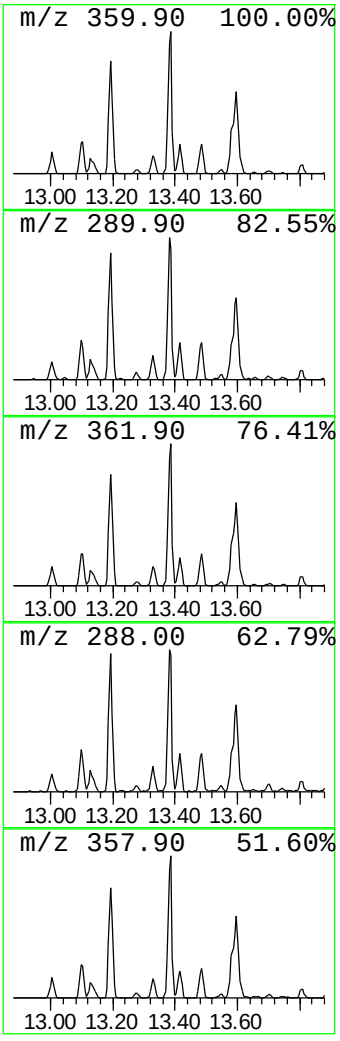
****

Peak Number 4 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	35.62 ng	1802950	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
4	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

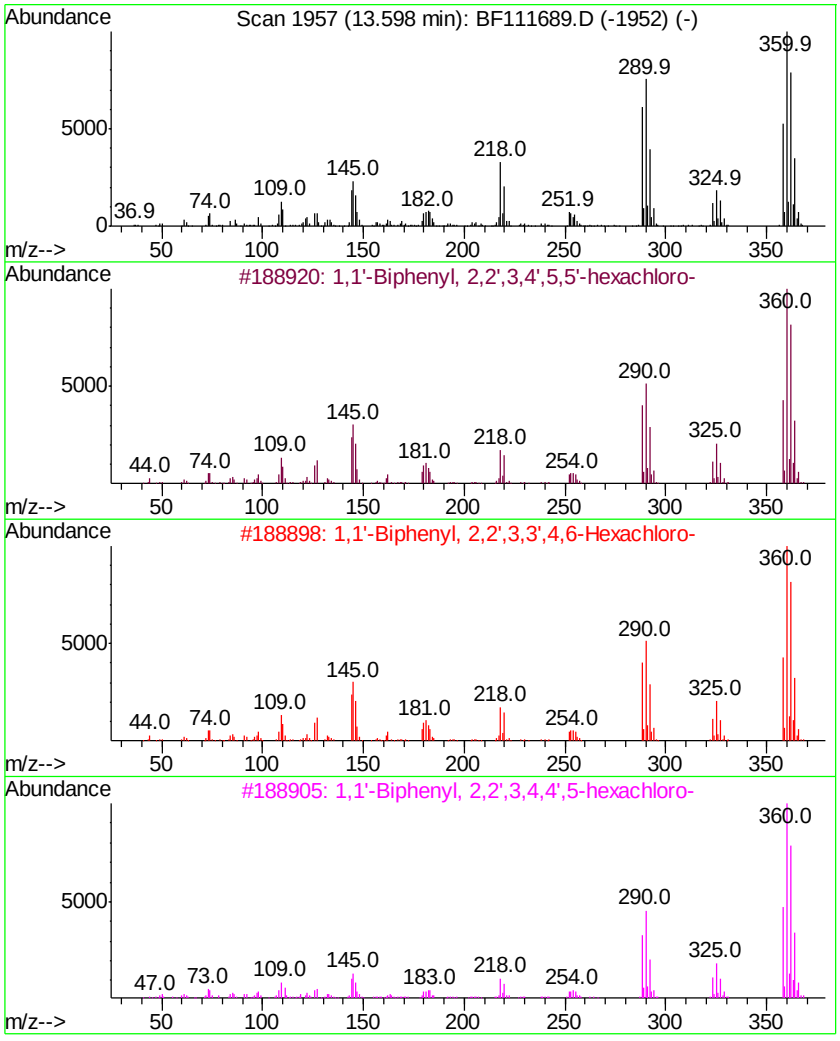
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

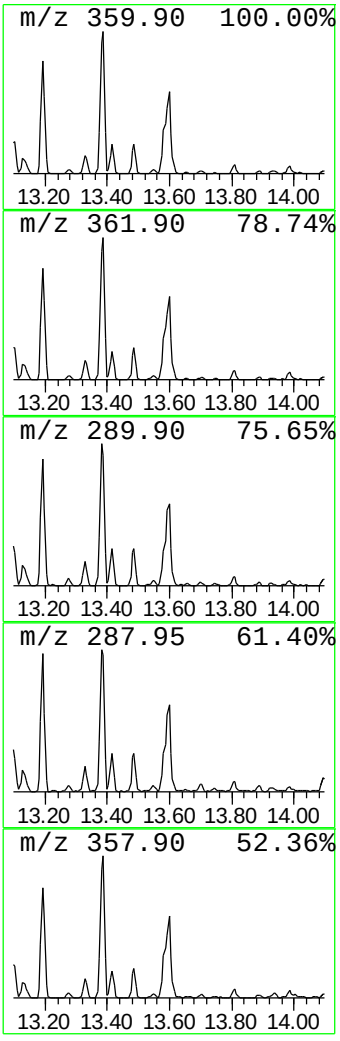
****

Peak Number 5 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	31.03 ng	1570650	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

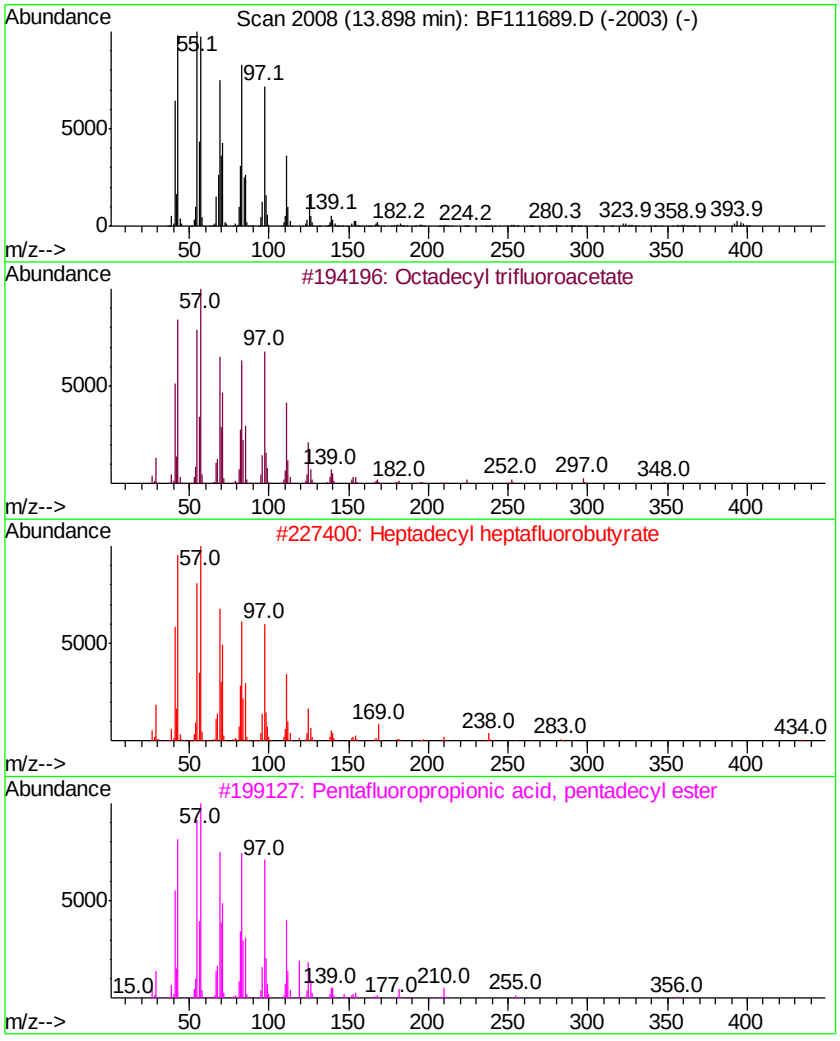
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

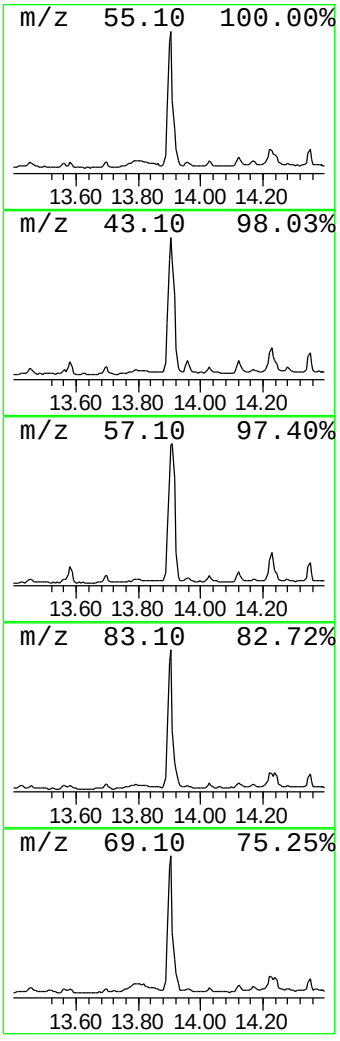
****

Peak Number 6 Octadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	153.93 ng	7792230	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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Sample : J6447-06
Misc :
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ClientSampleId : P001-SS025-0006-01

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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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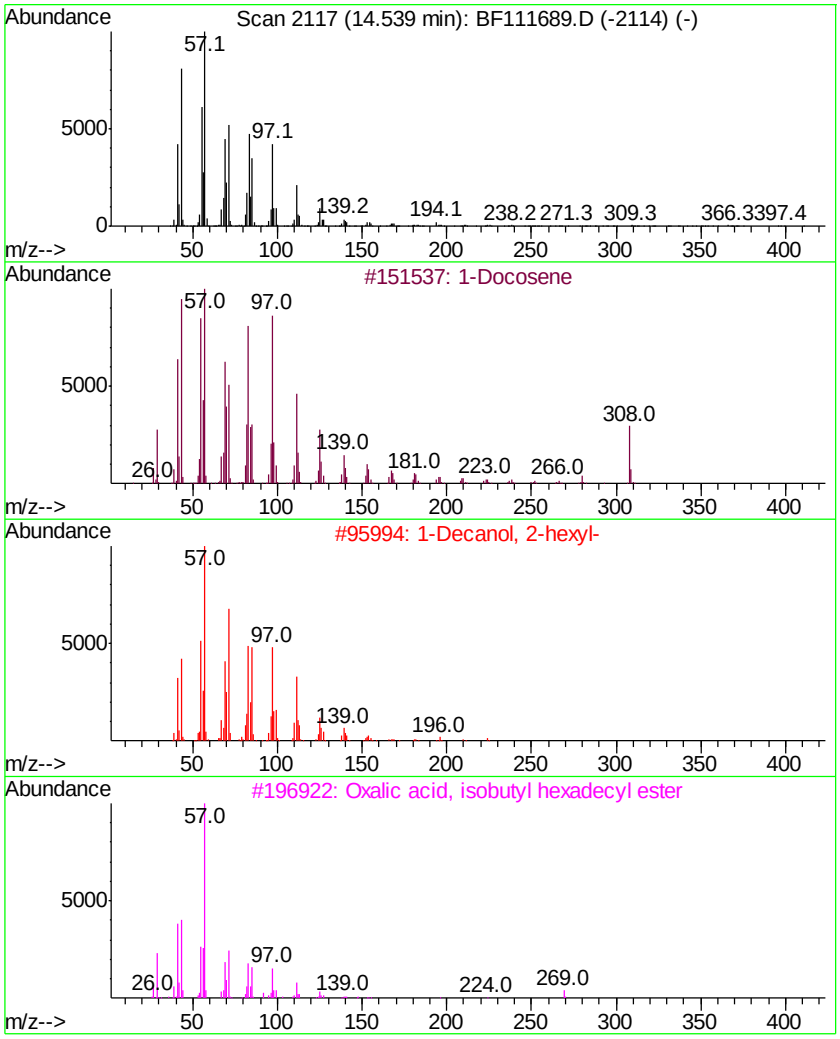
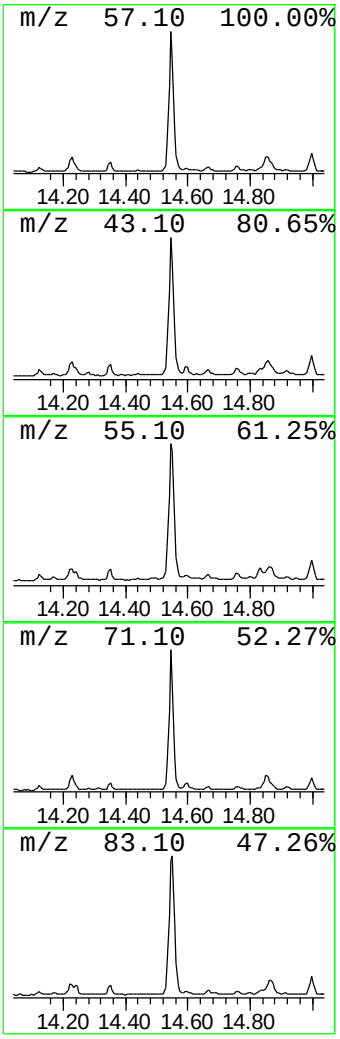
Peak Number 7 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	207.04 ng	10480900	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90





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ClientSampleId : P001-SS025-0006-01

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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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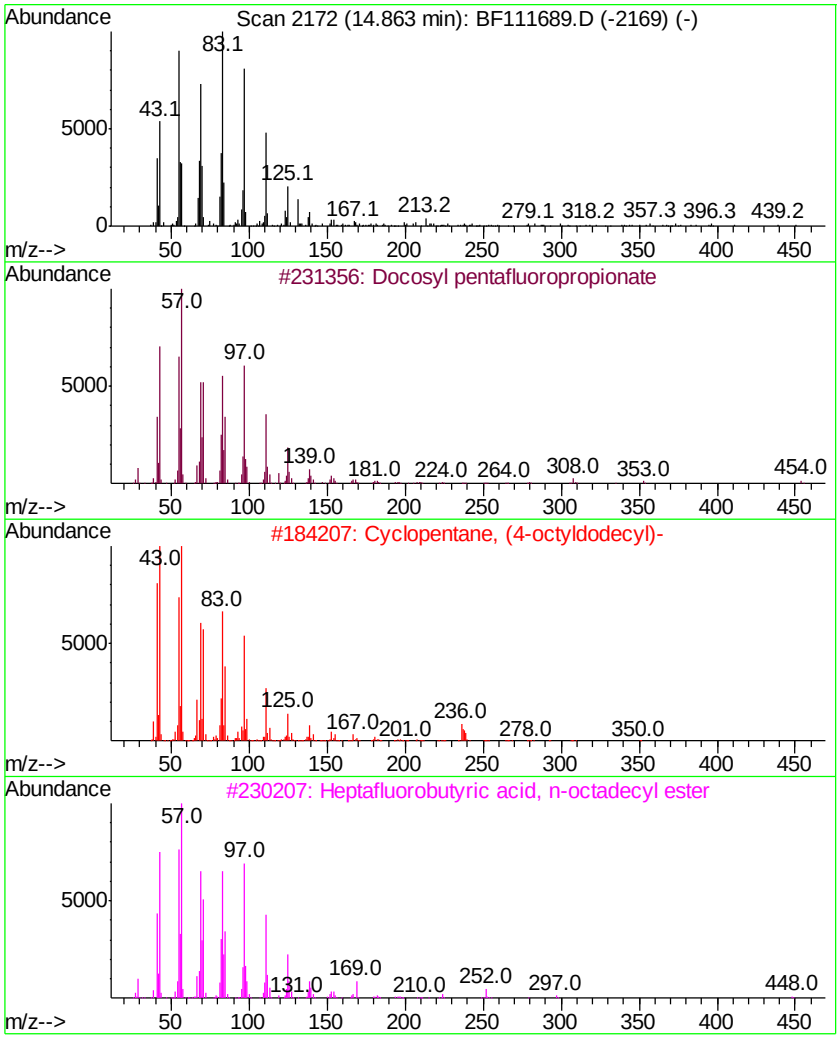
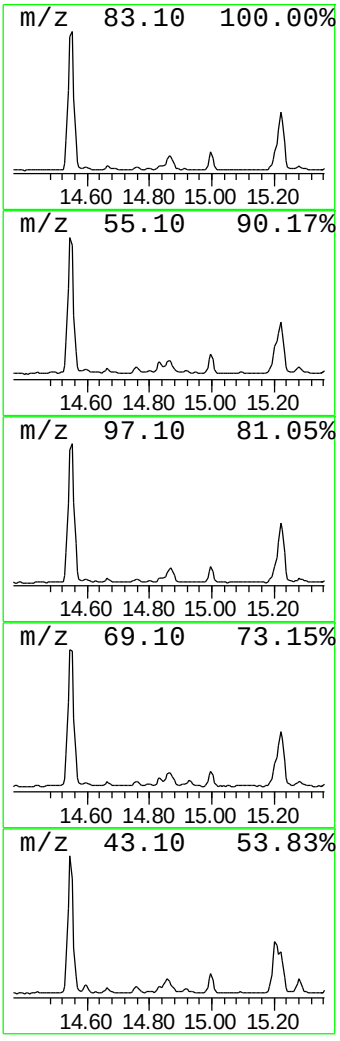
Peak Number 8 Docosyl pentafluoropropionate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	37.98 ng	1083420	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	80
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	76
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	72
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	68





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ClientSampleId : P001-SS025-0006-01

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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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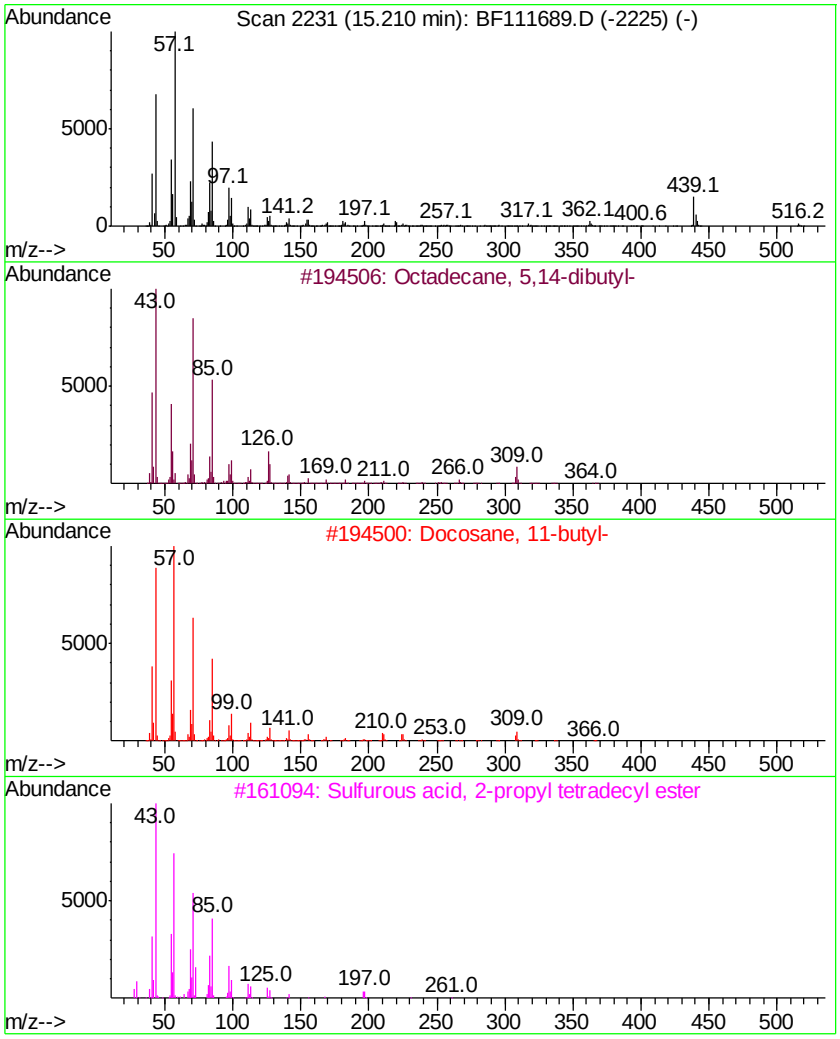
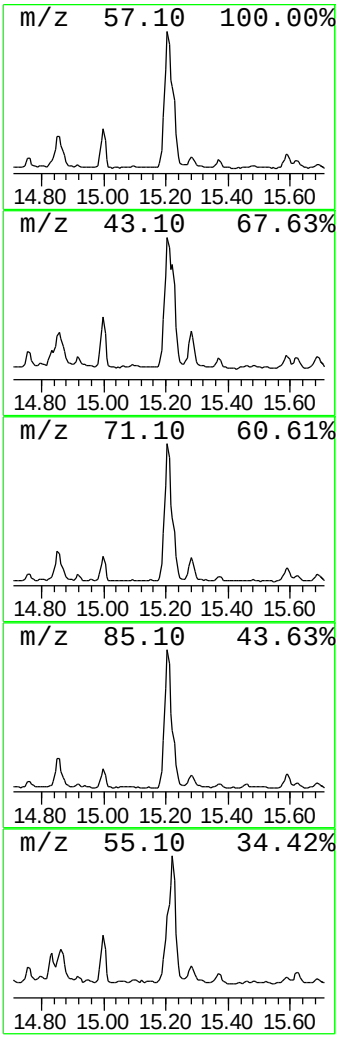
Peak Number 10 Octadecane, 5,14-dibutyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	150.23 ng	4285650	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	83
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	68
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	68
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	68





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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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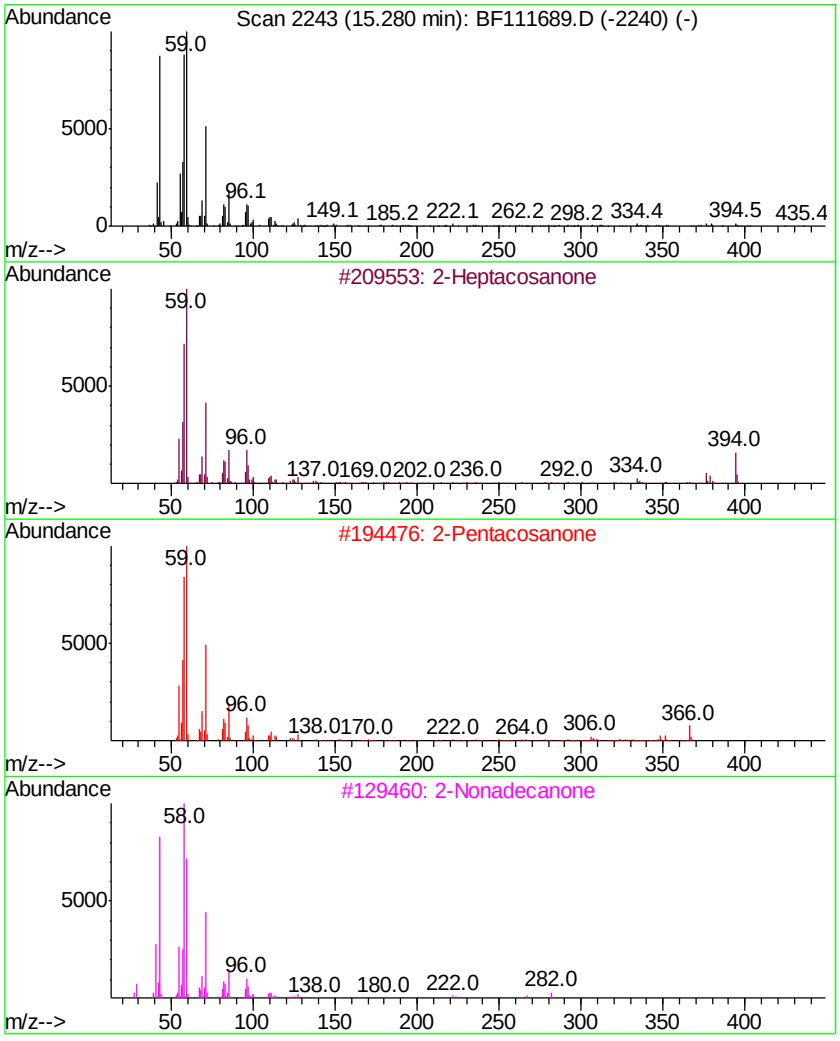
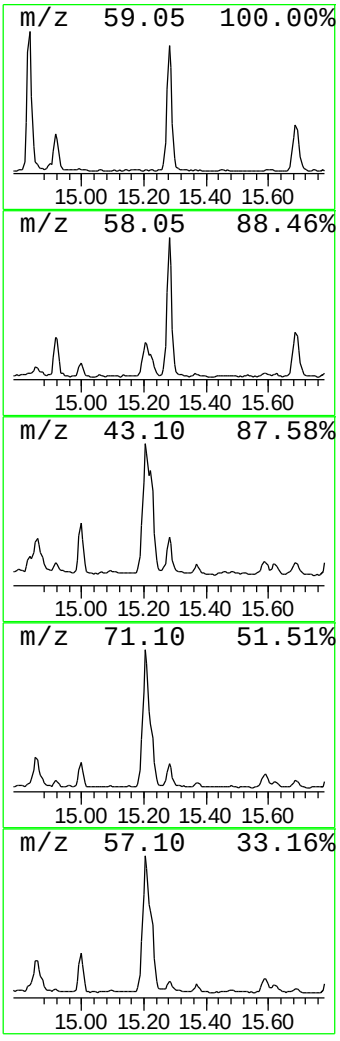
Peak Number 11 2-Heptacosanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	36.03 ng	1027930	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	93
2	2-Pentacosanone	366	C25H50O	075207-54-4	91
3	2-Nonadecanone	282	C19H38O	000629-66-3	72
4	2-Pentadecanone	226	C15H30O	002345-28-0	72
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	59





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

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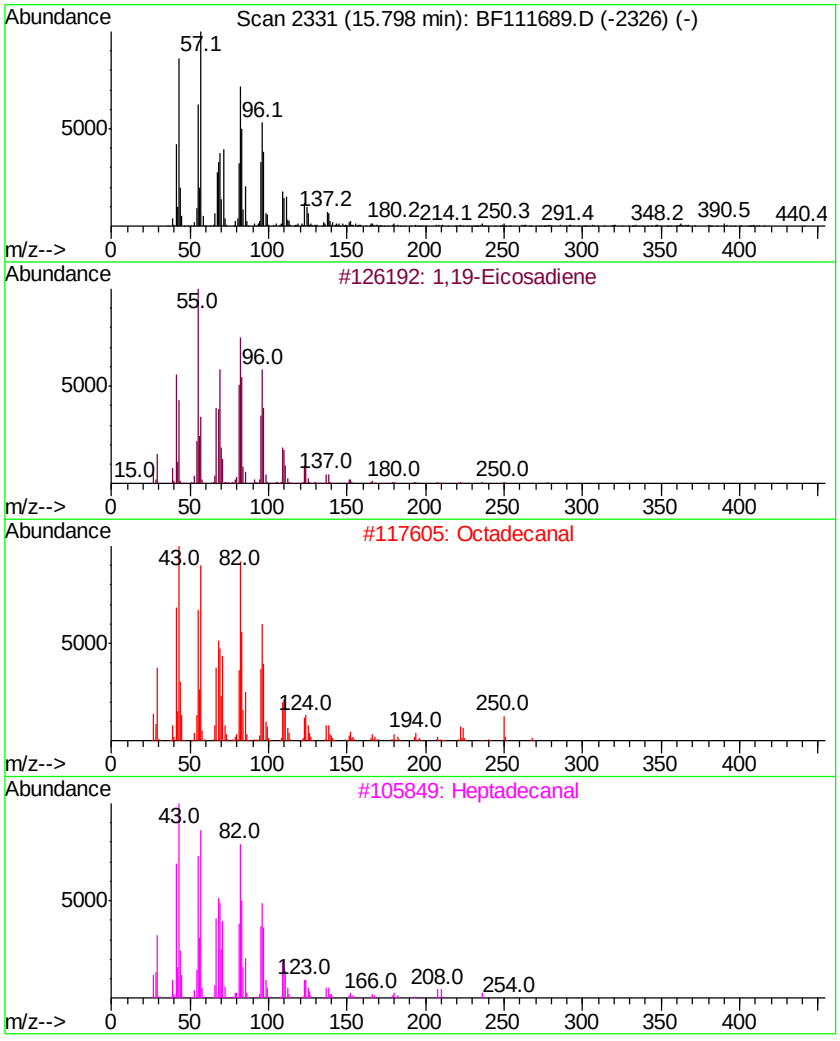
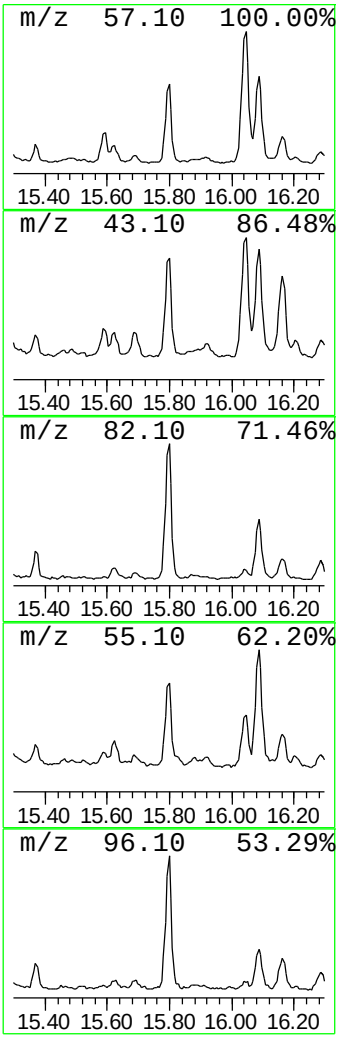
Peak Number 12 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	67.67 ng	1930470	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Heptadecanal	254	C17H34O	1000376-70-0	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Tetradecanal	212	C14H28O	000124-25-4	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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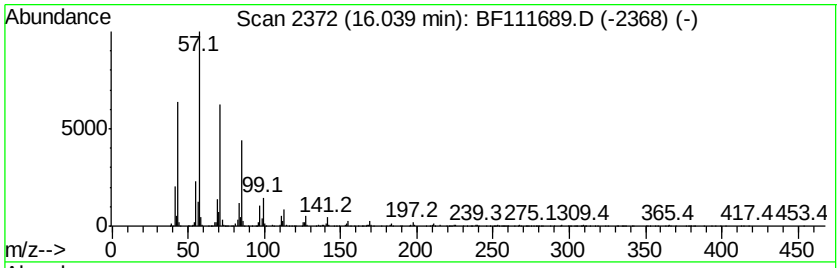
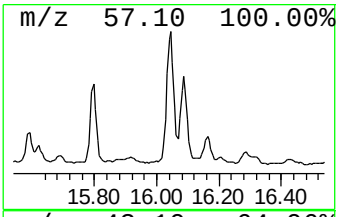
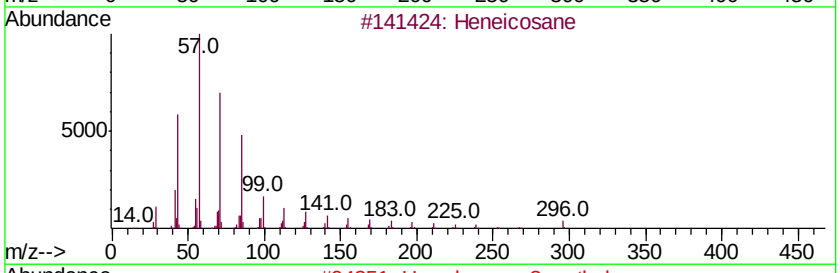
Peak Number 13 Heneicosane Concentration Rank 7

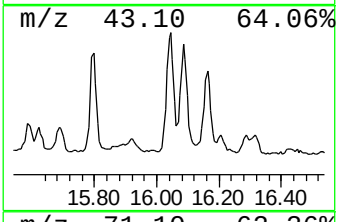
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	58.81 ng	1677690	Perylene-d12	15.54

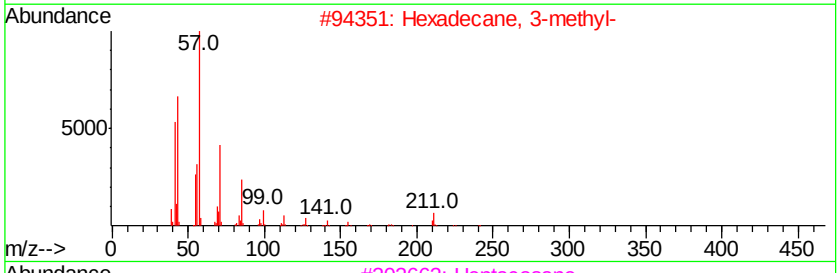
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91

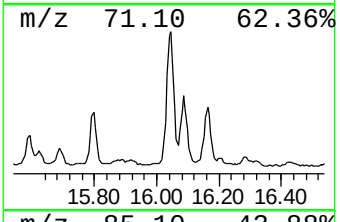


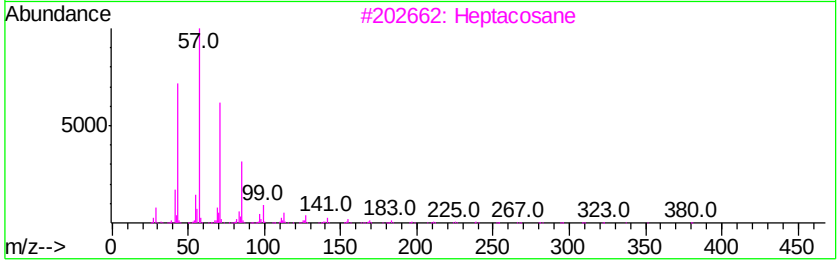


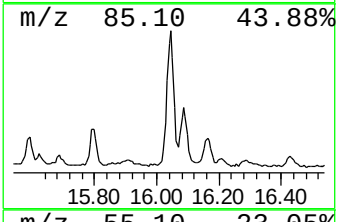


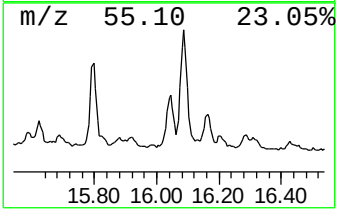












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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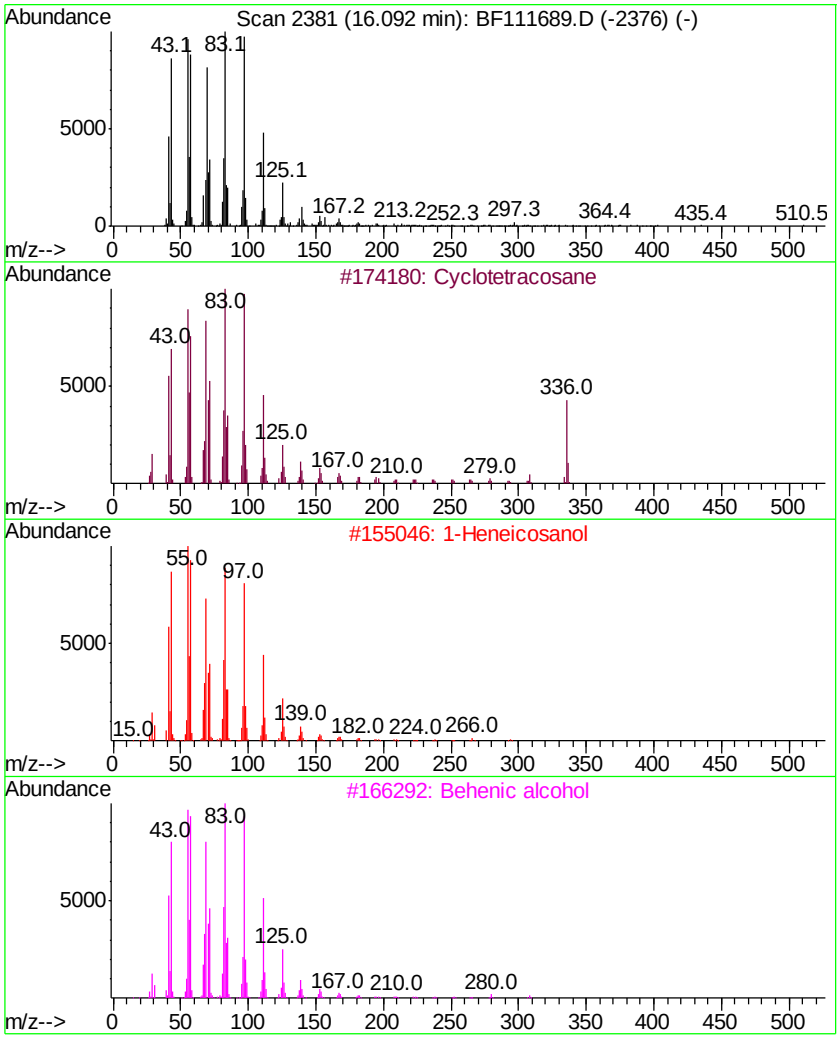
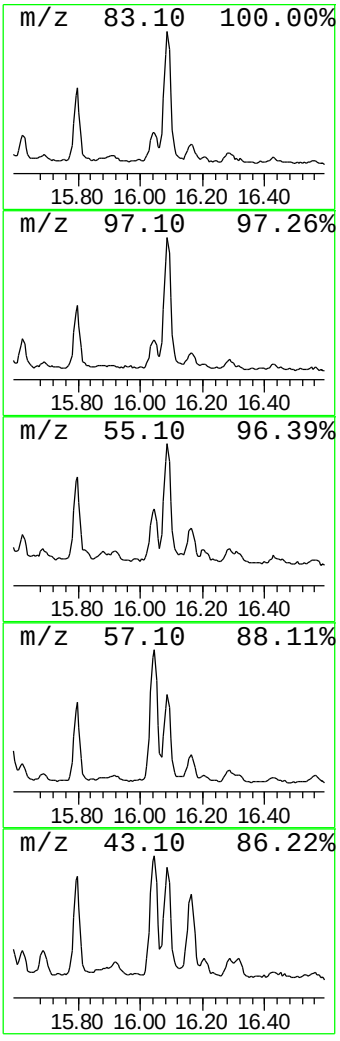
Peak Number 14 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	74.43 ng	2123380	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	86





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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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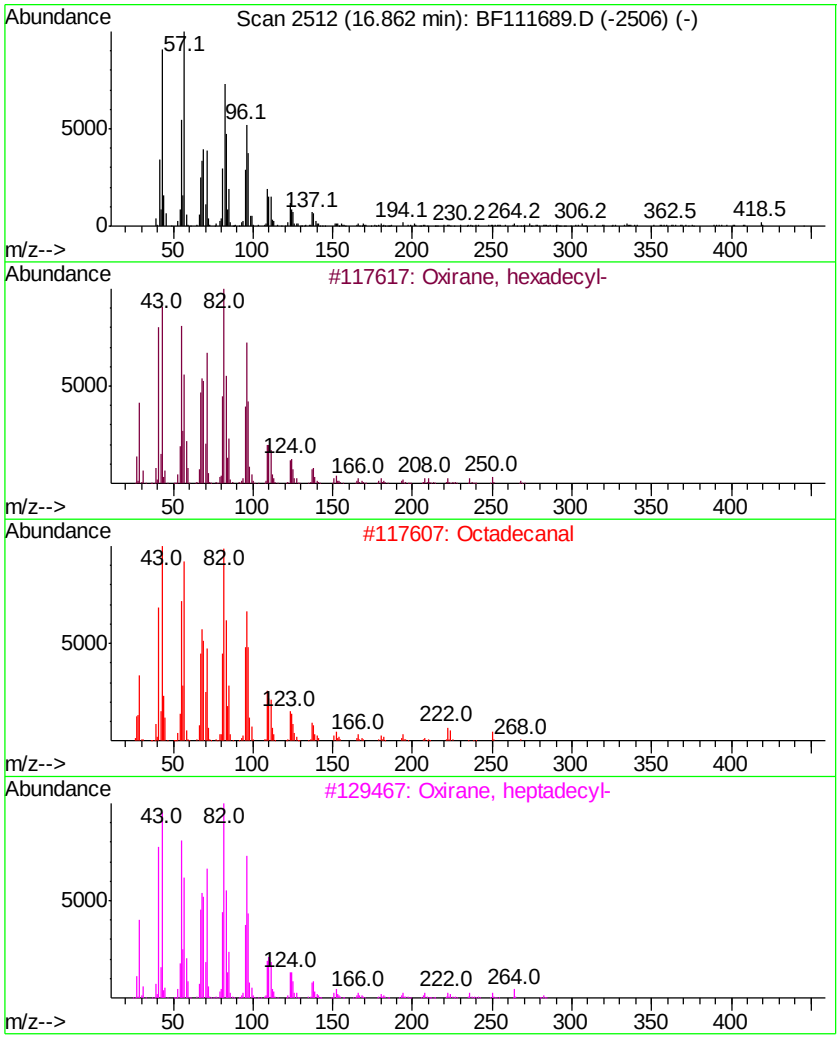
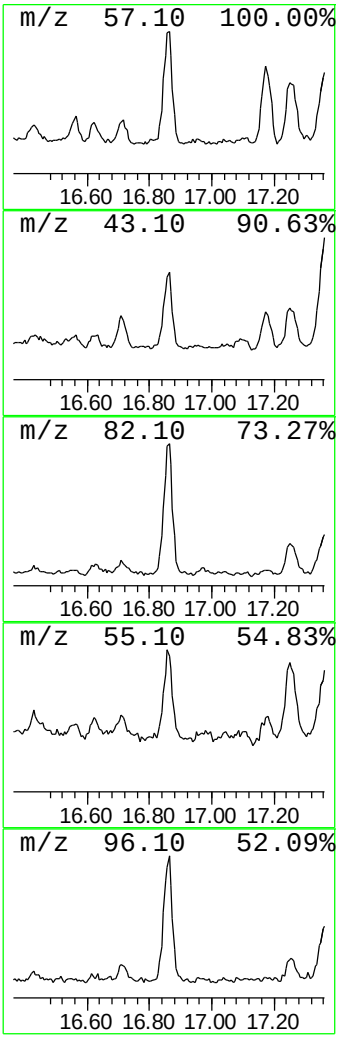
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	37.17 ng	1060410	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Heptadecanal	254	C17H34O	1000376-70-0	87
5	17-Octadecenal	266	C18H34O	056554-86-0	87





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ClientSampleId : P001-SS025-0006-01

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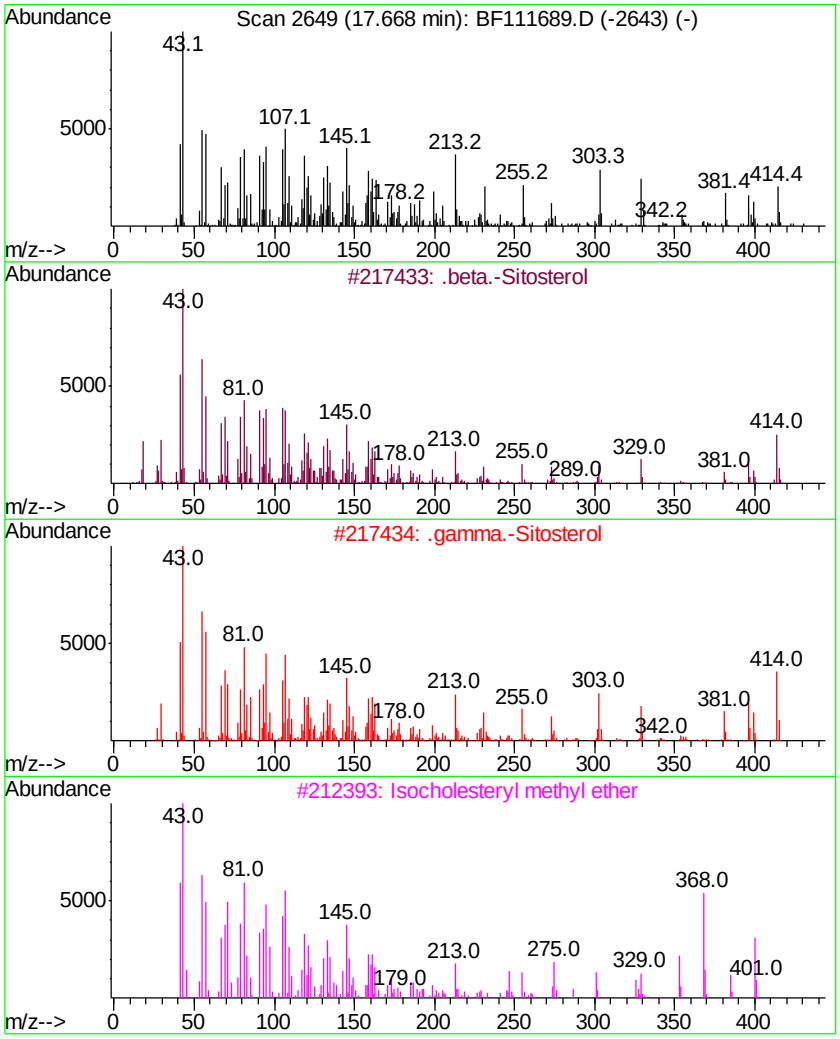
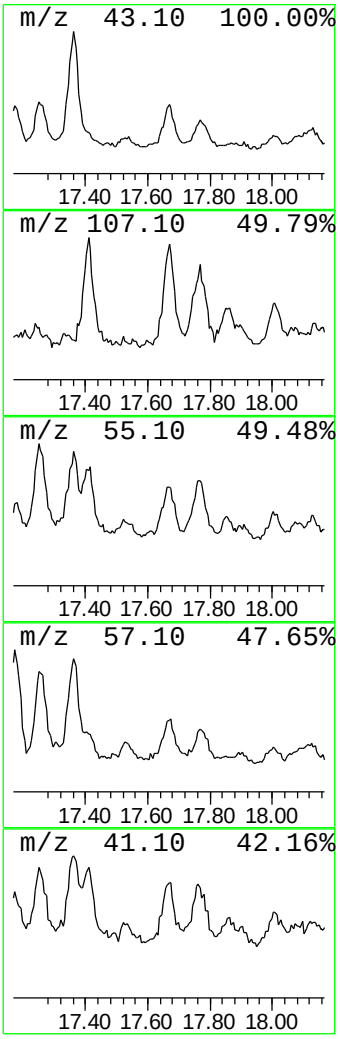
Peak Number 19 .beta.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	42.31 ng	1207110	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
3	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	53
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	46





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

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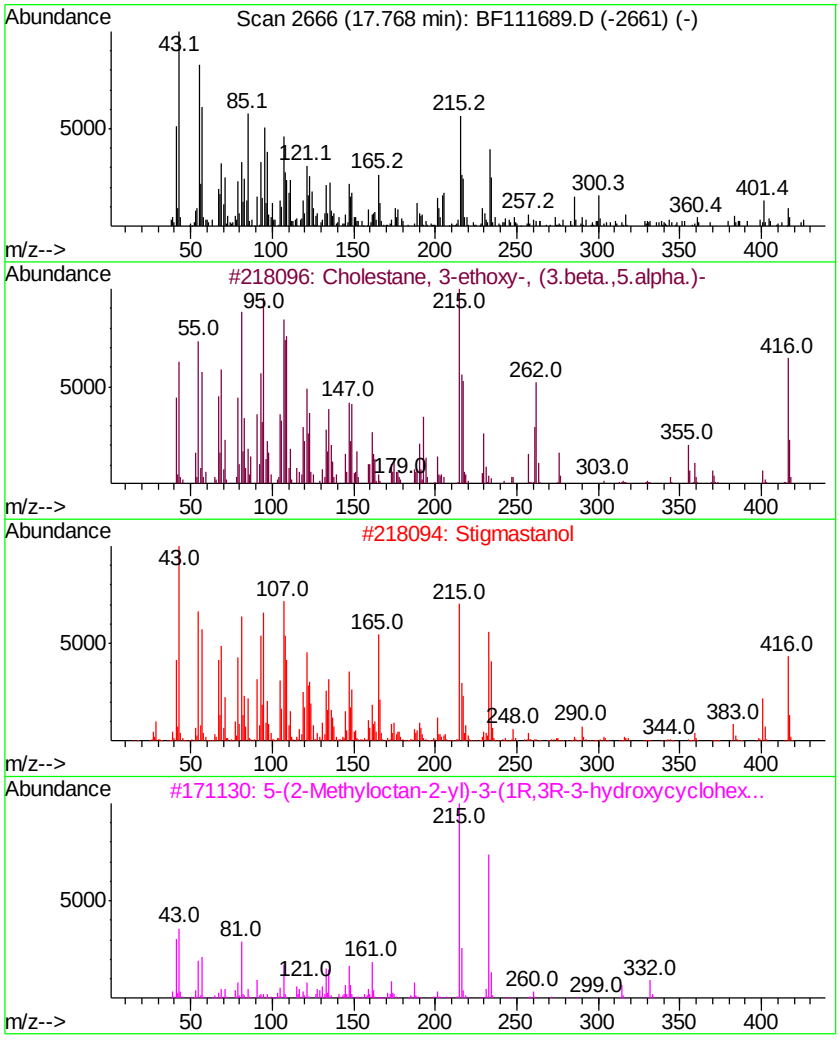
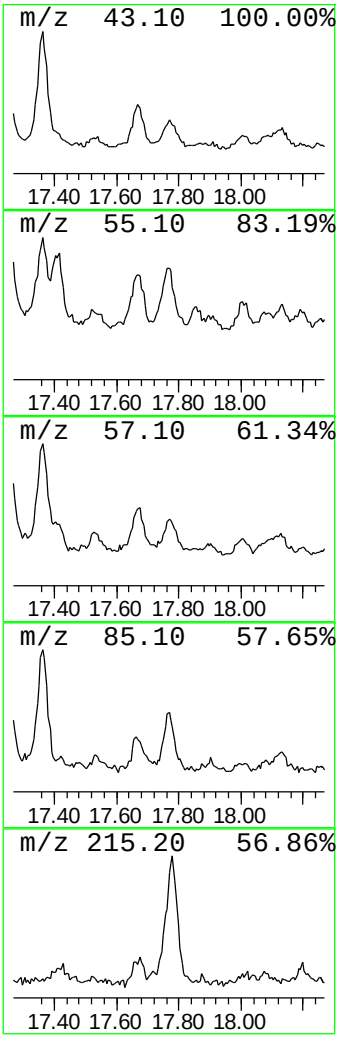
Peak Number 20 unknown17.77 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	40.82 ng	1164430	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	38
2	Stigmastanol	416	C29H52O	019466-47-8	30
3	5-(2-Methyloctan-2-yl)-3-(1R,3R-...	332	C22H36O2	070434-92-3	25
4	3,4-Seco-5.alpha.-cholestan-3-oi...	416	C28H48O2	005061-93-8	22
5	Cholestane-3,6-diol, (3.beta.,5....	404	C27H48O2	041083-77-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111689.D
Acq On : 21 Dec 2018 16:05
Operator : JU/SJ
Sample : J6447-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown6.67	6.67	62.4	ng	3487610	1	6.90	1118470	20.0
2,3',4,4',5',6-He...	13.19	32.9	ng	1665440	5	14.06	1012460	20.0
2,3,3',4',5,6-Hex...	13.38	35.6	ng	1802950	5	14.06	1012460	20.0
1,1'-Biphenyl, 2,...	13.60	31.0	ng	1570650	5	14.06	1012460	20.0
Octadecyl trifluo...	13.90	153.9	ng	7792230	5	14.06	1012460	20.0
1-Docosene	14.54	207.0	ng	10480900	5	14.06	1012460	20.0
Docosyl pentafluo...	14.86	38.0	ng	1083420	6	15.54	570539	20.0
Octadecane, 5,14-...	15.21	150.2	ng	4285650	6	15.54	570539	20.0
2-Heptacosanone	15.28	36.0	ng	1027930	6	15.54	570539	20.0
1,19-Eicosadiene	15.80	67.7	ng	1930470	6	15.54	570539	20.0
Heneicosane	16.04	58.8	ng	1677690	6	15.54	570539	20.0
Cyclotetracosane	16.09	74.4	ng	2123380	6	15.54	570539	20.0
Oxirane, hexadecyl-	16.86	37.2	ng	1060410	6	15.54	570539	20.0
.beta.-Sitosterol	17.67	42.3	ng	1207110	6	15.54	570539	20.0
unknown17.77	17.77	40.8	ng	1164430	6	15.54	570539	20.0