LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

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-BF091319.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	5.434	565	569	592	rBV	770060	895926	70.84%	6.094%
2	6.087	677	680	683	rVB	17634	14698	1.16%	0.100%
3	6.451	738	742	760	rBV	905019	1059603	83.78%	7.207%
4	6.581	760	764	775	rVV	1194304	1078470	85.27%	7.336%
5	6.804	799	802	813	rBV	309277	297475	23.52%	2.023%
6	6.963	825	829	842	rBV	849516	815424	64.47%	5.546%
7	7.369	894	898	917	rBV	520341	638460	50.48%	4.343%
8	8.087	1016	1020	1041	rBV	317174	386885	30.59%	2.632%
9	9.157	1198	1202	1214	rBV	1286224	1264799	100.00%	8.603%
10	9.551	1266	1269	1277	rBV	135915	130672	10.33%	0.889%
11	9.839	1314	1318	1327	rBV	450875	462566	36.57%	3.146%
12	10.263	1384	1390	1393	rBV	31580	33254	2.63%	0.226%
13	10.392	1408	1412	1417	rBV5	14204	19858	1.57%	0.135%
14	10.486	1423	1428	1431	rBV	23760	29973	2.37%	0.204%
15	10.628	1449	1452	1465	rBV	615114	668665	52.87%	4.548%
16	10.739	1468	1471	1480	rVB3	53682	93869	7.42%	0.638%
17	10.880	1492	1495	1499	rBV6	8013	12783	1.01%	0.087%
18	10.928	1501	1503	1507	rVV3	11920	15837	1.25%	0.108%
19	10.963	1507	1509	1512	rVB4	17675	14315	1.13%	0.097%
20	11.139	1535	1539	1545	rBV	892596	994279	78.61%	6.763%
21	11.186	1545	1547	1549	rVV	97335	90248	7.14%	0.614%
22	11.216	1549	1552	1559	rVB2	53573	74660	5.90%	0.508%
23	11.328	1567	1571	1573	rBV	406898	380365	30.07%	2.587%
24	11.345	1573	1574	1578	rVB	67003	58514	4.63%	0.398%
25	11.480	1594	1597	1602	rVB	78871	68164	5.39%	0.464%
26	11.610	1616	1619	1622	rVB	71741	59062	4.67%	0.402%
27	11.675	1628	1630	1633	rVB4	19597	15785	1.25%	0.107%
28	11.851	1657	1660	1663	rBV2	196011	198949	15.73%	1.353%
29	12.016	1686	1688	1694	rBV	73031	67471	5.33%	0.459%
30	12.298	1734	1736	1740	rVB5	18209	17020	1.35%	0.116%
31	12.404	1751	1754	1757	rVB	63542	50830	4.02%	0.346%
32	12.475	1763	1766	1769	rVB	31203	30986	2.45%	0.211%
33	12.539	1774	1777	1787	rBV	271875	291138	23.02%	1.980%
34	12.633	1790	1793	1799	rVB3	50889	51136	4.04%	0.348%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.686	1800	1802	1804	rBV3	16860	13864	1.10%	0.094%
36	12.769	1810	1816	1823	rBV	340155	396690	31.36%	2.698%
37	12.904	1835	1839	1843	rBV	943888	887542	70.17%	6.037%
38	13.080	1866	1869	1871	rBV4	21118	29595	2.34%	0.201%
39	13.127	1875	1877	1881	rVB2	38845	32466	2.57%	0.221%
40	13.163	1881	1883	1886	rVB3	16463	14982	1.18%	0.102%
41	13.204	1886	1890	1892	rBV2	28661	38007	3.00%	0.259%
42	13.298	1902	1906	1908	rBV2	32834	41288	3.26%	0.281%
43	13.404	1921	1924	1927	rVB2	28685	32065	2.54%	0.218%
44	13.445	1927	1931	1933	rBV2	48865	59028	4.67%	0.401%
45	13.474	1933	1936	1938	rVB2	31112	30493	2.41%	0.207%
46	13.610	1957	1959	1964	rVB	24886	30099	2.38%	0.205%
47	13.669	1967	1969	1975	rVV6	68871	84008	6.64%	0.571%
48	13.721	1975	1978	1980	rVV2	32672	43801	3.46%	0.298%
49	13.763	1982	1985	1989	rVV2	69912	117089	9.26%	0.796%
50	13.804	1989	1992	2002	rVB4	119813	229553	18.15%	1.561%
51	13.933	2011	2014	2015	rBV	28645	24497	1.94%	0.167%
52	13.969	2015	2020	2023	rBV2	268471	370679	29.31%	2.521%
53	14.116	2042	2045	2047	rBV	29027	27945	2.21%	0.190%
54	14.204	2055	2060	2062	rBV2	20102	24945	1.97%	0.170%
55	14.357	2083	2086	2089	rVB	30650	33488	2.65%	0.228%
56	14.416	2093	2096	2100	rBV3	43009	60052	4.75%	0.408%
57	14.545	2115	2118	2122	rBV5	11927	15259	1.21%	0.104%
58	14.680	2137	2141	2143	rBV4	17020	22214	1.76%	0.151%
59	14.716	2144	2147	2150	rVB	52963	51750	4.09%	0.352%
60	14.792	2158	2160	2166	rVB3	19618	25537	2.02%	0.174%
61	14.857	2167	2171	2176	rVV3	37411	49479	3.91%	0.337%
62	15.004	2191	2196	2201	rBV	149692	281161	22.23%	1.912%
63	15.086	2207	2210	2212	rBV4	18592	24224	1.92%	0.165%
64	15.192	2226	2228	2234	rVB6	9678	15896	1.26%	0.108%
65	15.298	2242	2246	2253	rVB	92091	118786	9.39%	0.808%
66	15.363	2253	2257	2261	rBV	83994	104173	8.24%	0.709%
67	15.421	2261	2267	2271	rBV2	209885	299004	23.64%	2.034%
68	15.604	2294	2298	2303	rBV7	24219	36197	2.86%	0.246%
69	15.833	2332	2337	2342	rBV	64733	90198	7.13%	0.614%
70	15.904	2345	2349	2351	rBV4	21413	31670	2.50%	0.215%
71	16.315	2412	2419	2424	rBV3	27518	54371	4.30%	0.370%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.498	2447	2450	2456	rVB7	10206	15930	1.26%	0.108%
73	16.598	2463	2467	2472	rVB6	30781	49184	3.89%	0.335%
74	16.880	2508	2515	2524	rBV3	56760	129125	10.21%	0.878%
75	17.021	2534	2539	2540	rBV4	13133	17931	1.42%	0.122%
76	17.139	2557	2559	2566	rVB6	12551	23877	1.89%	0.162%
77	17.315	2583	2589	2598	rBV3	25758	65525	5.18%	0.446%
78	17.409	2601	2605	2618	rVB3	25013	75307	5.95%	0.512%
79	17.968	2694	2700	2708	rVB6	21363	49952	3.95%	0.340%
80	18.386	2765	2771	2778	rVB8	19520	50915	4.03%	0.346%

Sum of corrected areas: 14701980

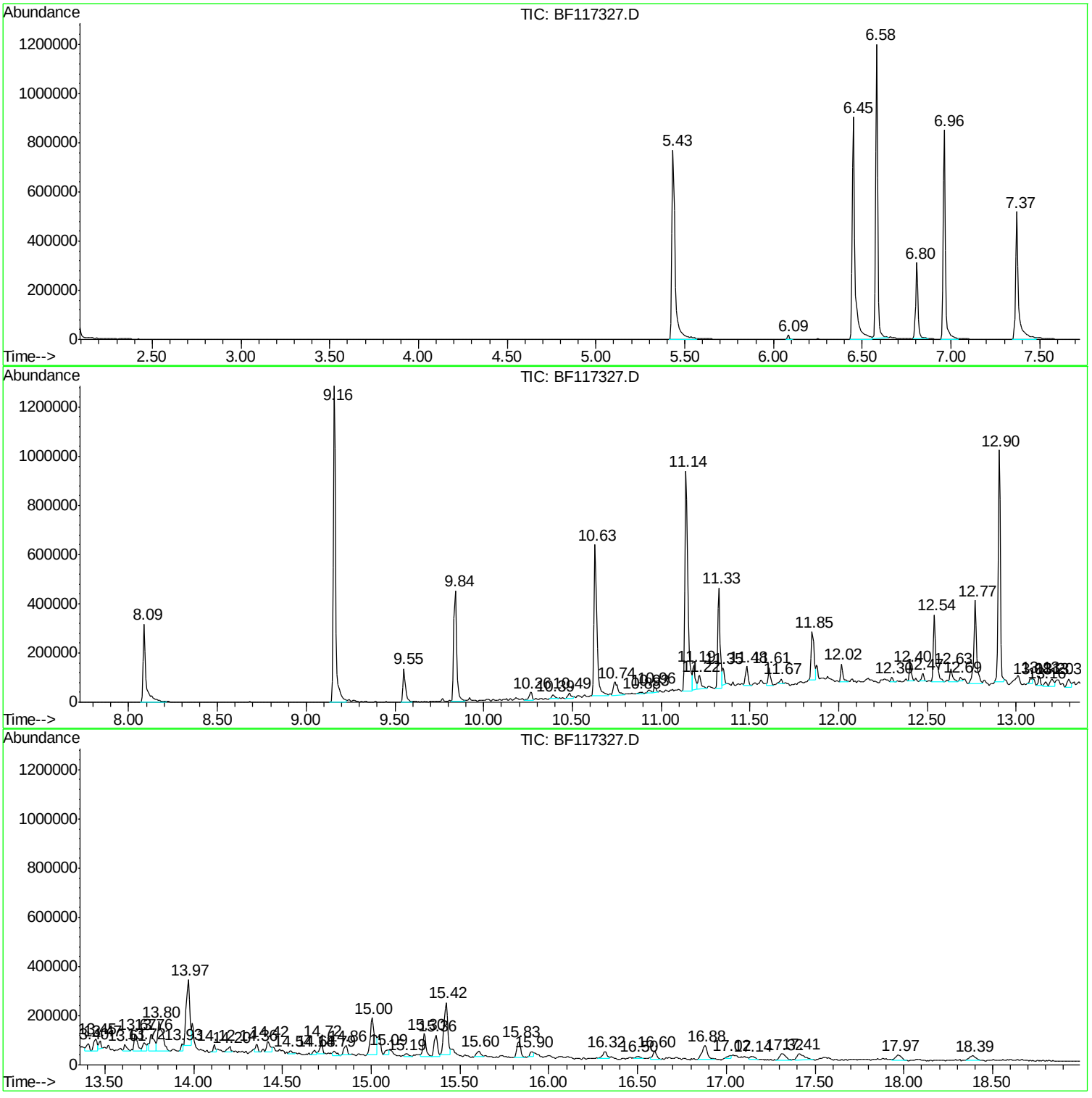
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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\BF100319\
Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

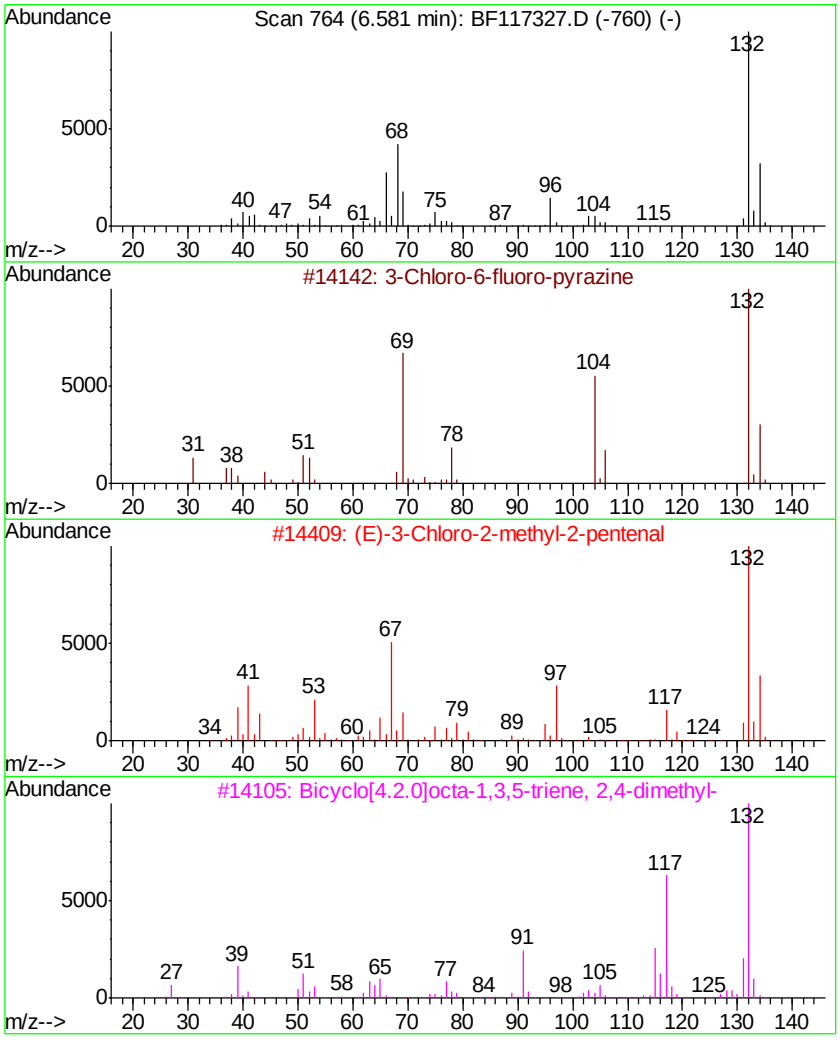
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

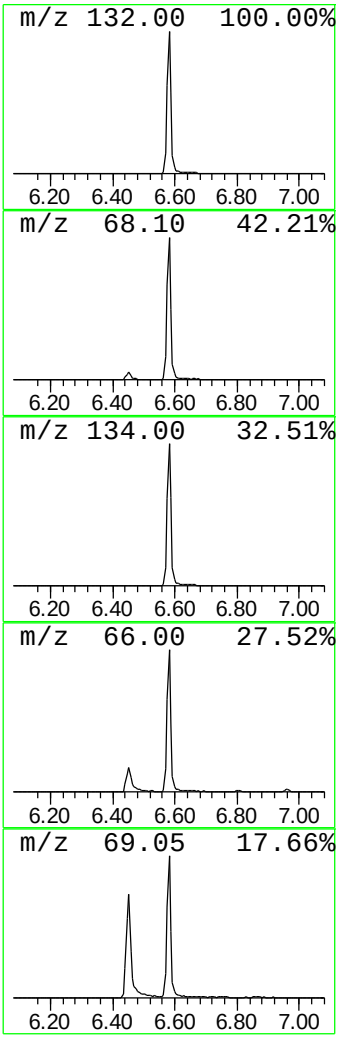
****

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	72.51 ng	1078470	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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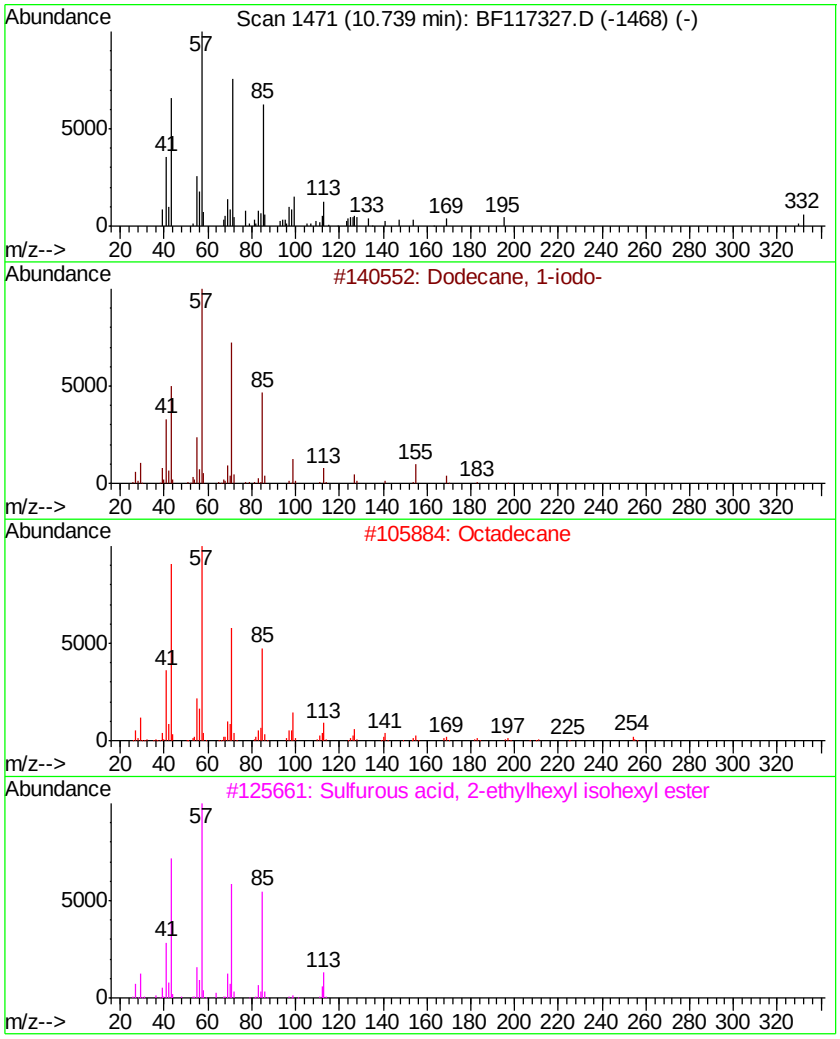
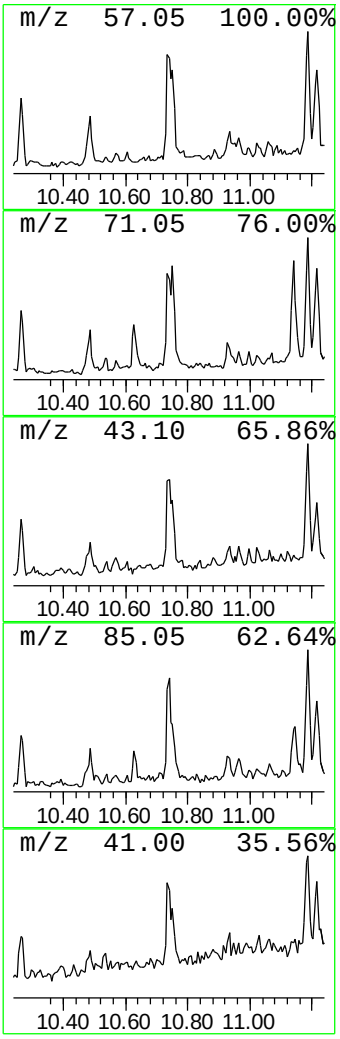
Peak Number 3 Dodecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.94 ng	93869	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64
5	Octane, 2-methyl-	128	C9H20	003221-61-2	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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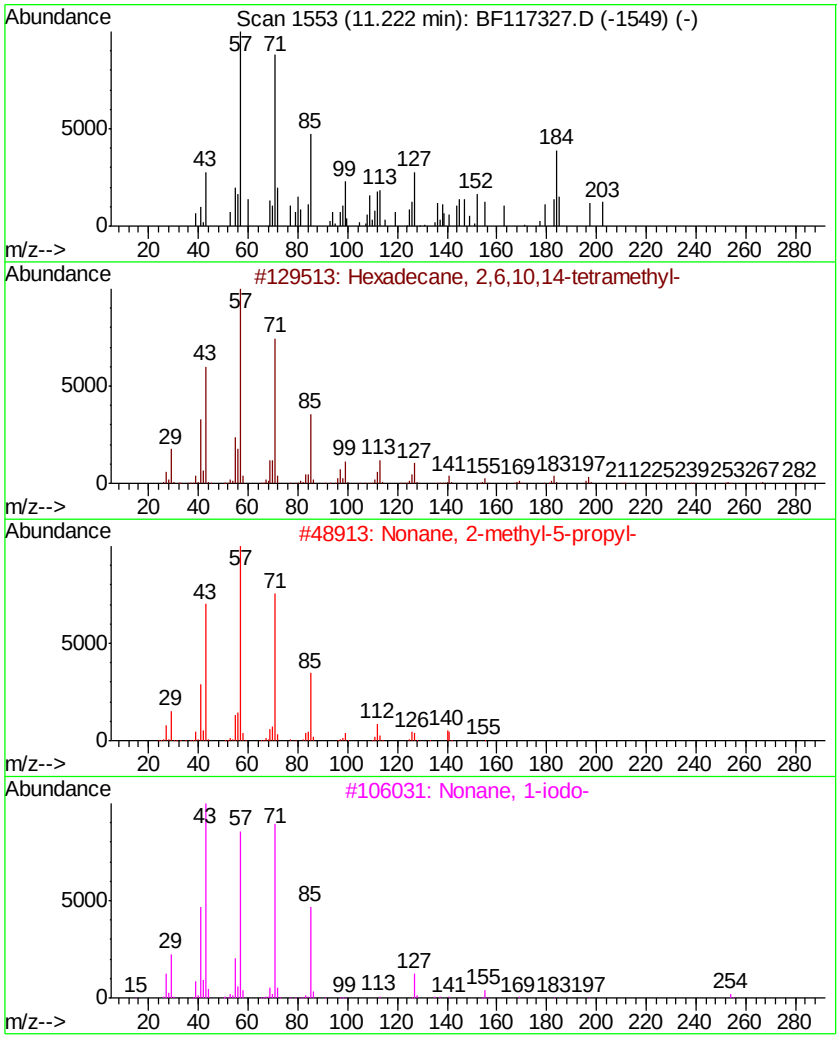
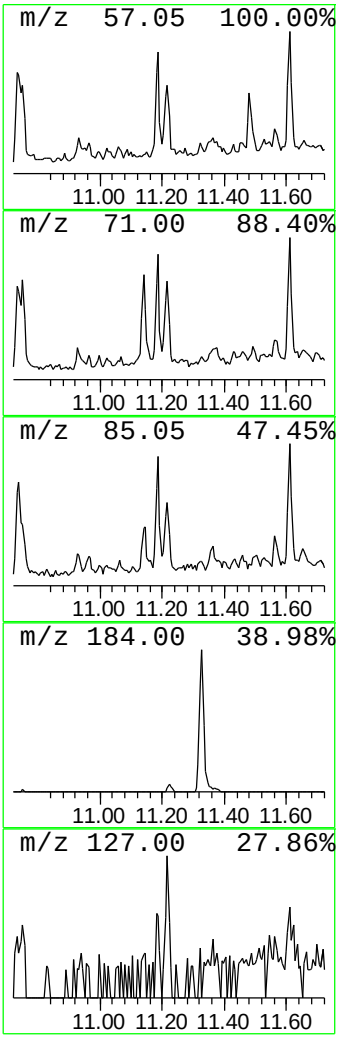
****

Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.93 ng	74660	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
4	1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	53
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	52





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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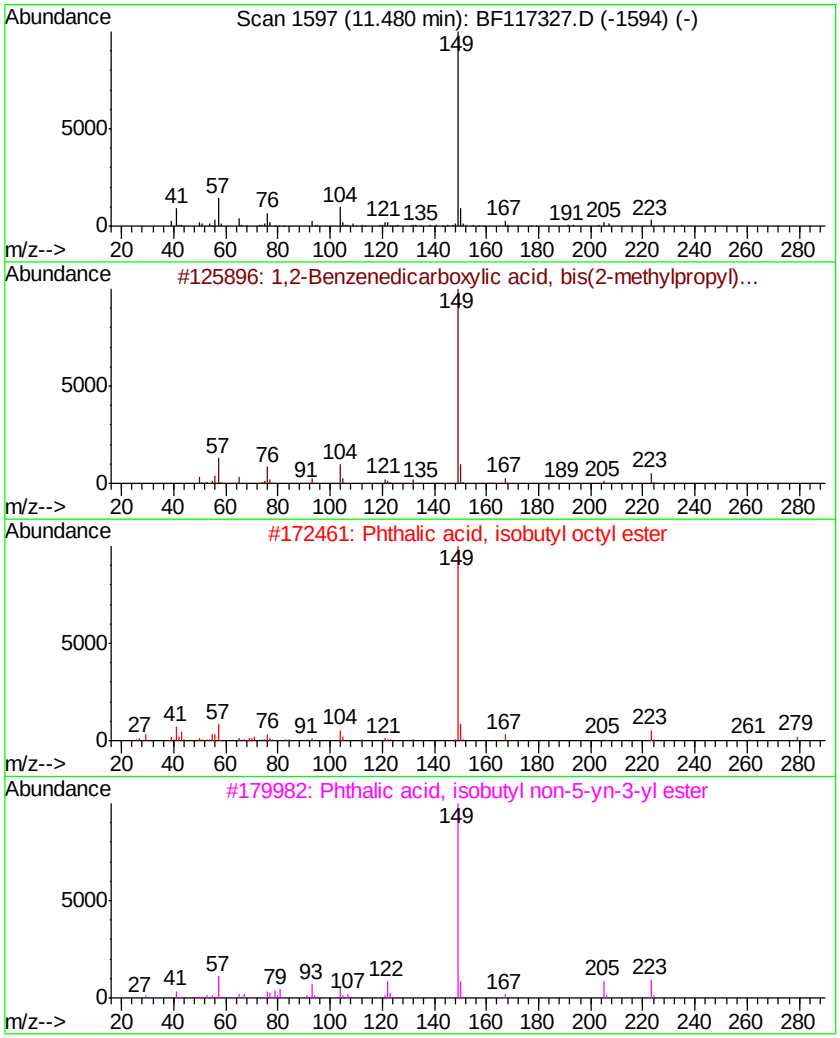
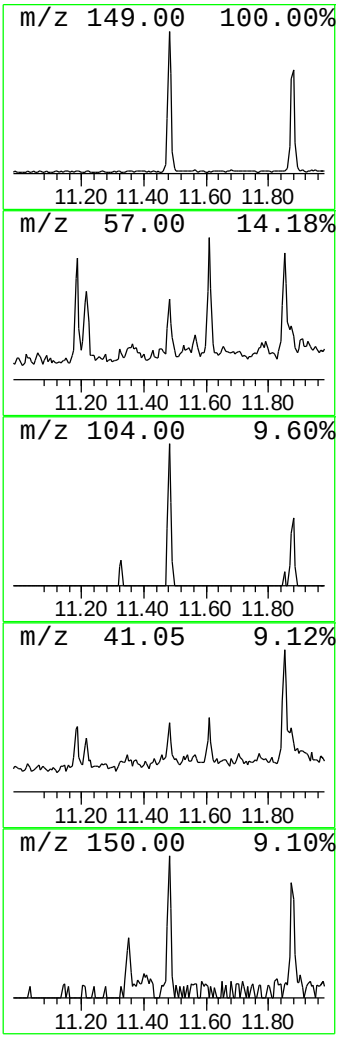
Peak Number 5 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	3.58 ng	68164	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	90
2	Phthalic acid, isobutyl octyl ester	334	C20H30O4	1000309-04-5	83
3	Phthalic acid, isobutyl non-5-yn...	344	C21H28O4	1000315-18-8	78
4	Phthalic acid, isobutyl phenyl e...	298	C18H18O4	1000314-88-0	78
5	Phthalic acid, hex-2-yn-4-yl iso...	302	C18H22O4	1000315-19-9	78





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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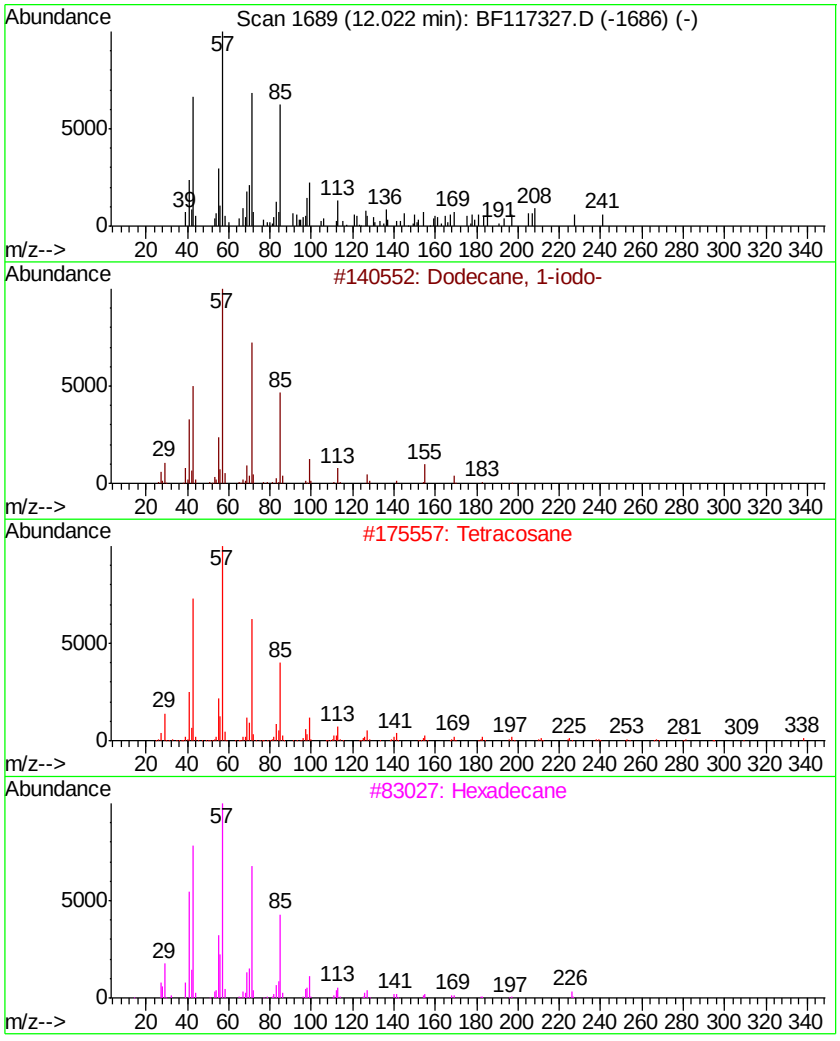
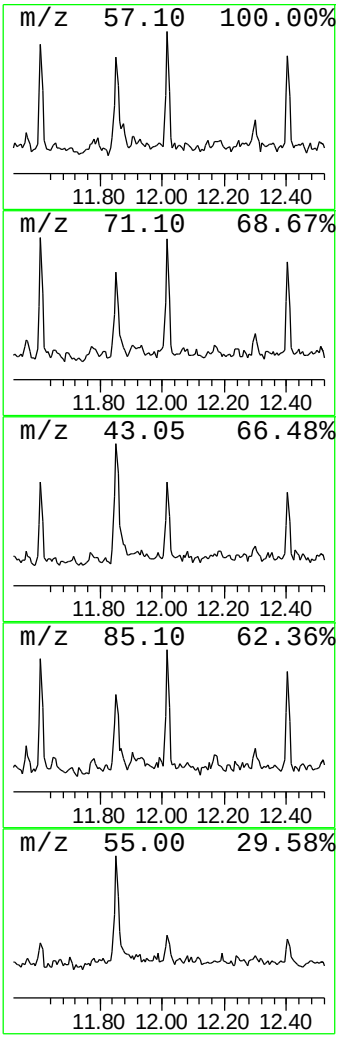
Peak Number 6 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.55 ng	67471	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Tetracosane	338	C24H50	000646-31-1	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Decane, 3-methyl-	156	C11H24	013151-34-3	72





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Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

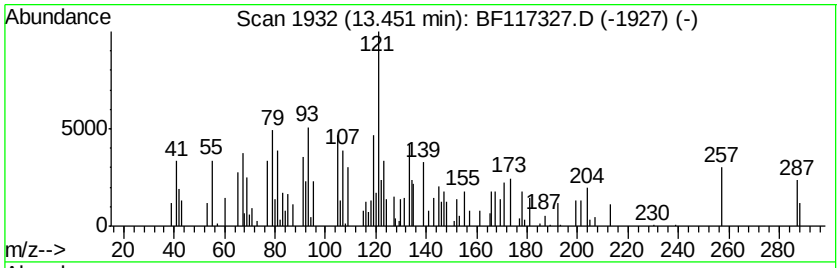
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

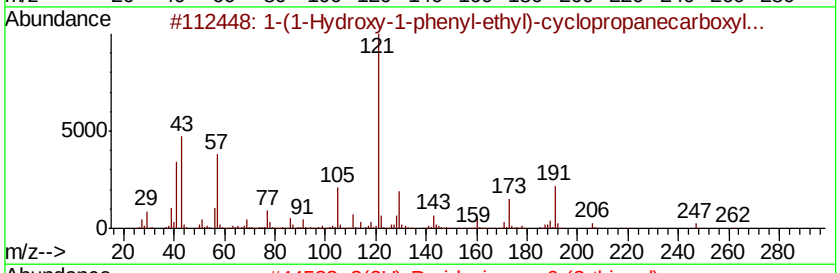
****

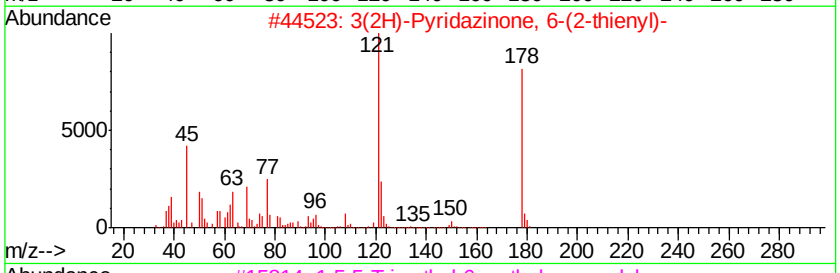
Peak Number 7 unknown13.45 Concentration Rank 20

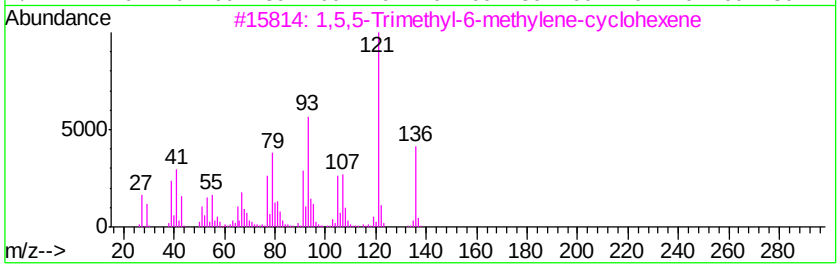
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.18 ng	59028	Chrysene-d12	13.97

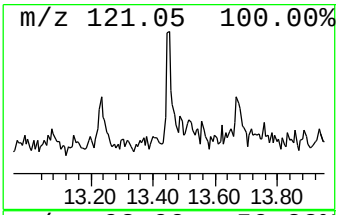
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Hydroxy-1-phenyl-ethyl)-cyc...	262	C16H22O3	108547-01-9	27
2	3(2H)-Pyridazinone, 6-(2-thienyl)-	178	C8H6N2OS	1000337-52-1	25
3	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	15
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	11
5	Spiro[5.5]undeca-1,8-diene, 1,5,...	204	C15H24	019912-83-5	10

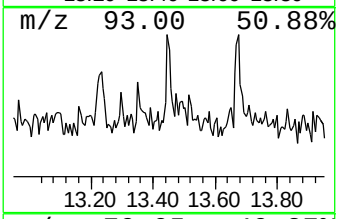


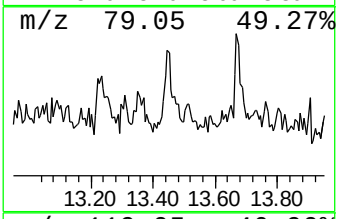


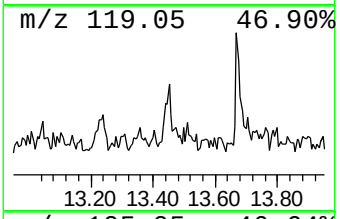


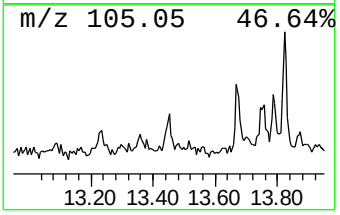












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Acq On : 3 Oct 2019 20:13
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Sample : K5158-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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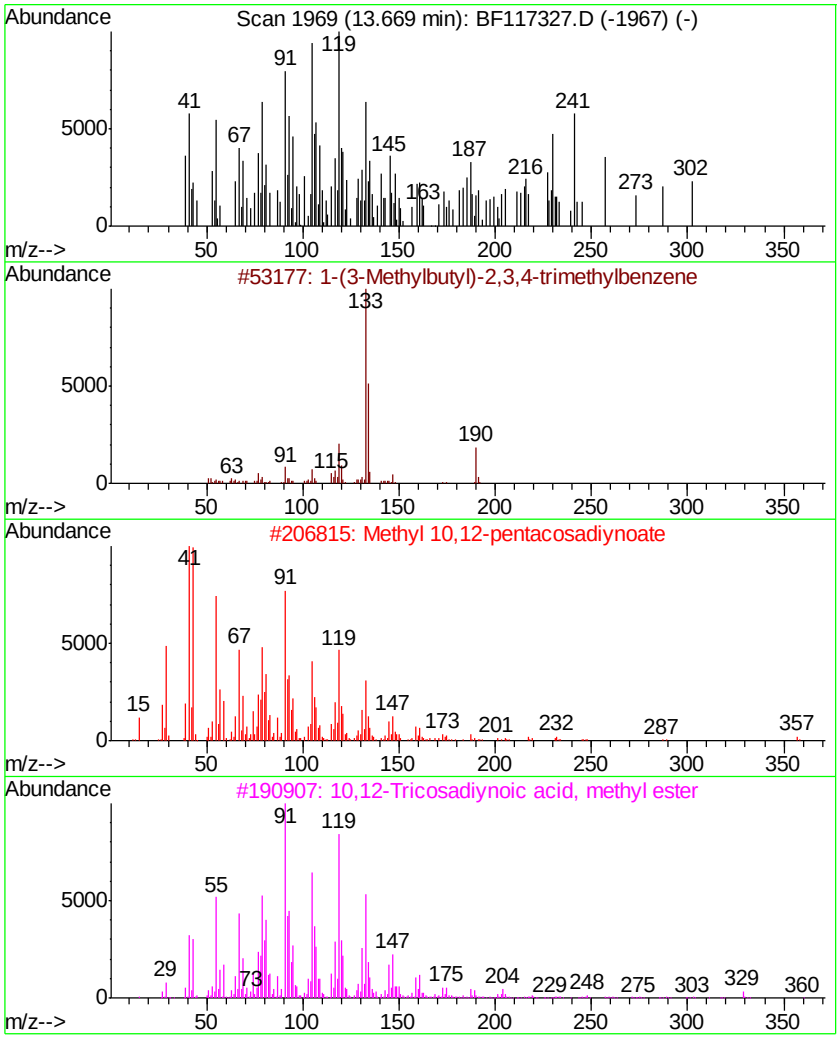
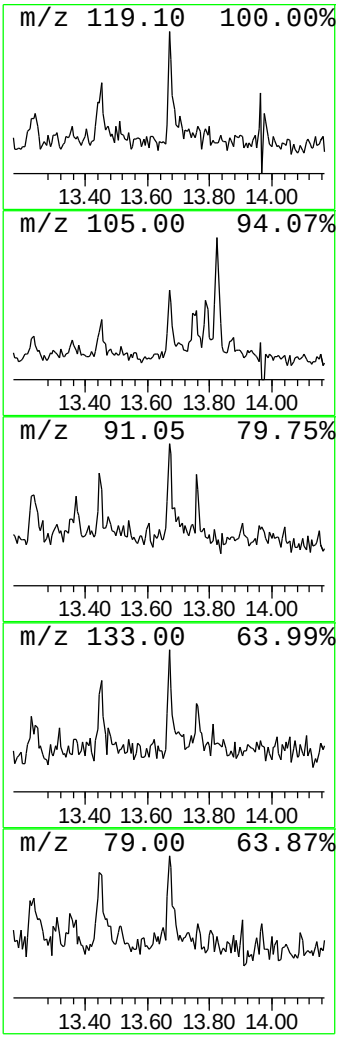
Peak Number 8 unknown13.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.53 ng	84008	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(3-Methylbutyl)-2,3,4-trimethy...	190	C14H22	107997-59-1	42
2	Methyl 10,12-pentacosadiynoate	388	C26H44O2	1000342-58-7	38
3	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1000333-59-4	35
4	Megastigma-4,6(E),8(Z)-triene	176	C13H20	071186-24-8	30
5	Bicyclo[6.3.0]undeca-1(8),9-dien...	176	C13H20	1000163-44-3	30





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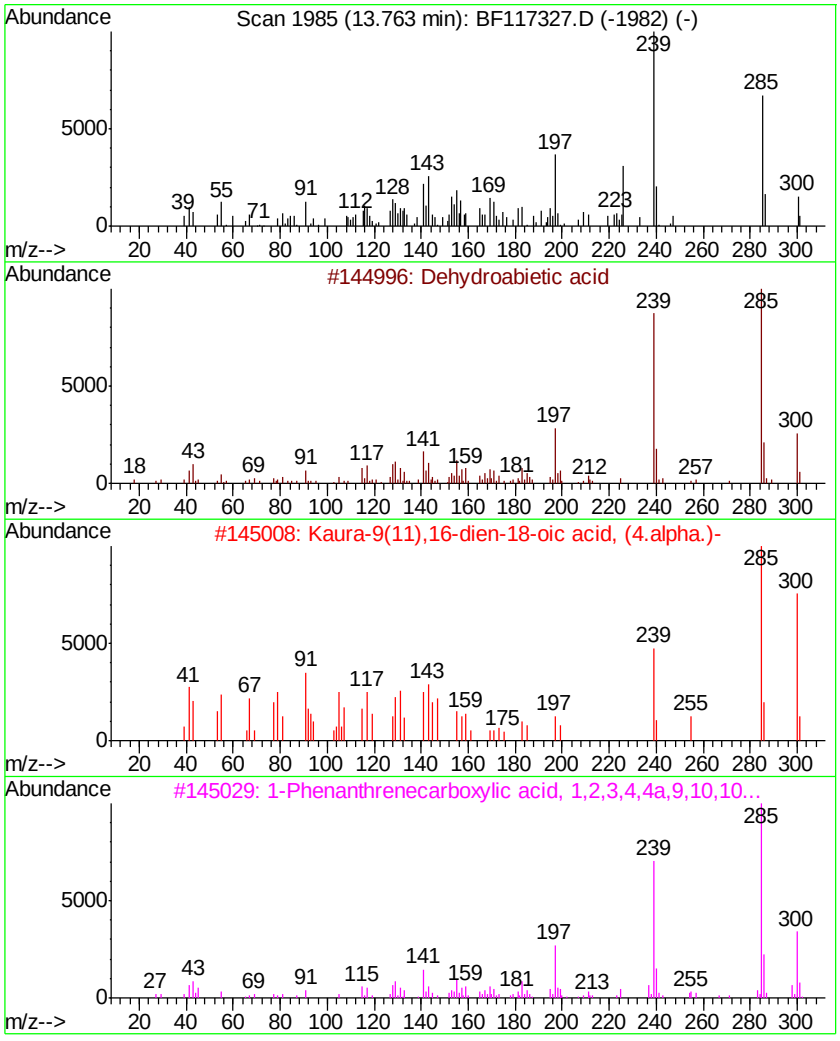
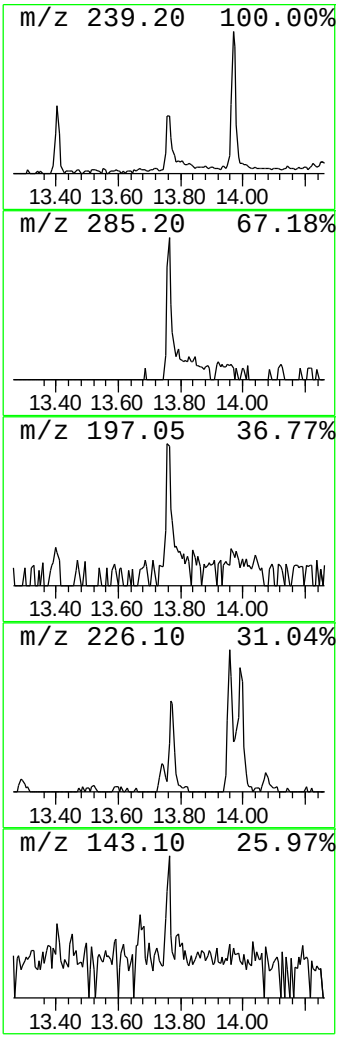
Peak Number 9 Dehydroabietic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.32 ng	117089	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	98
2	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	93
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	81
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	53
5	4-Amino-2-chloro-6,7-dimethoxyqu...	239	C10H10ClN3O2	023680-84-4	38





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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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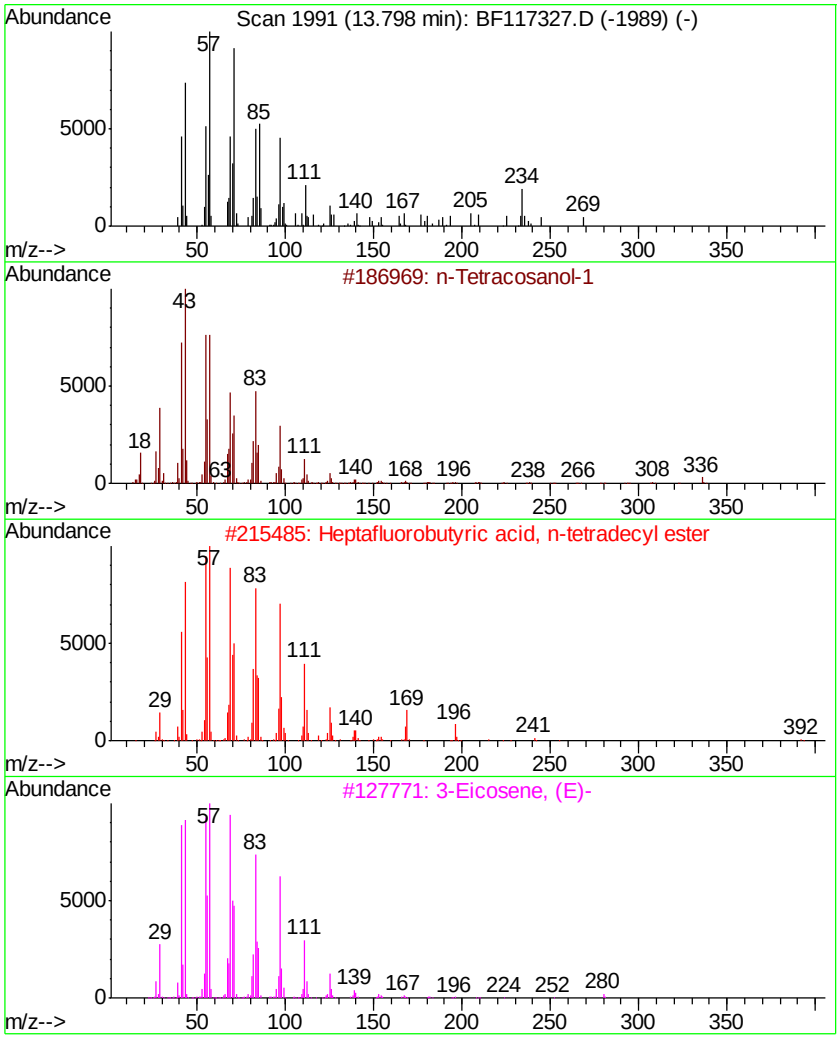
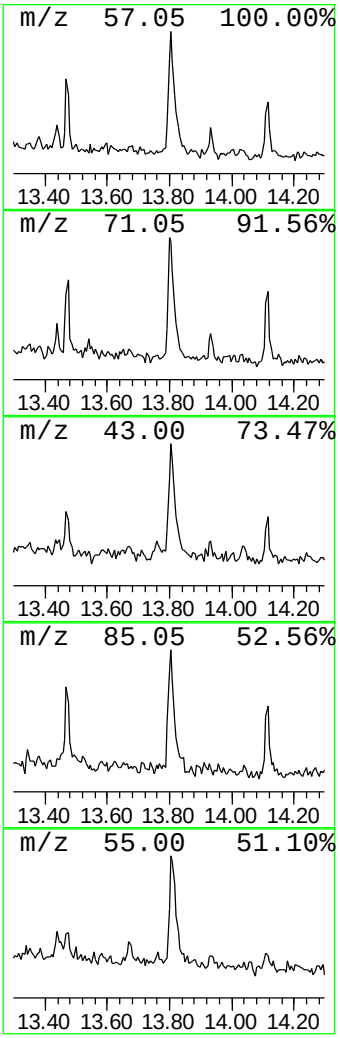
Peak Number 10 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	12.39 ng	229553	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	76





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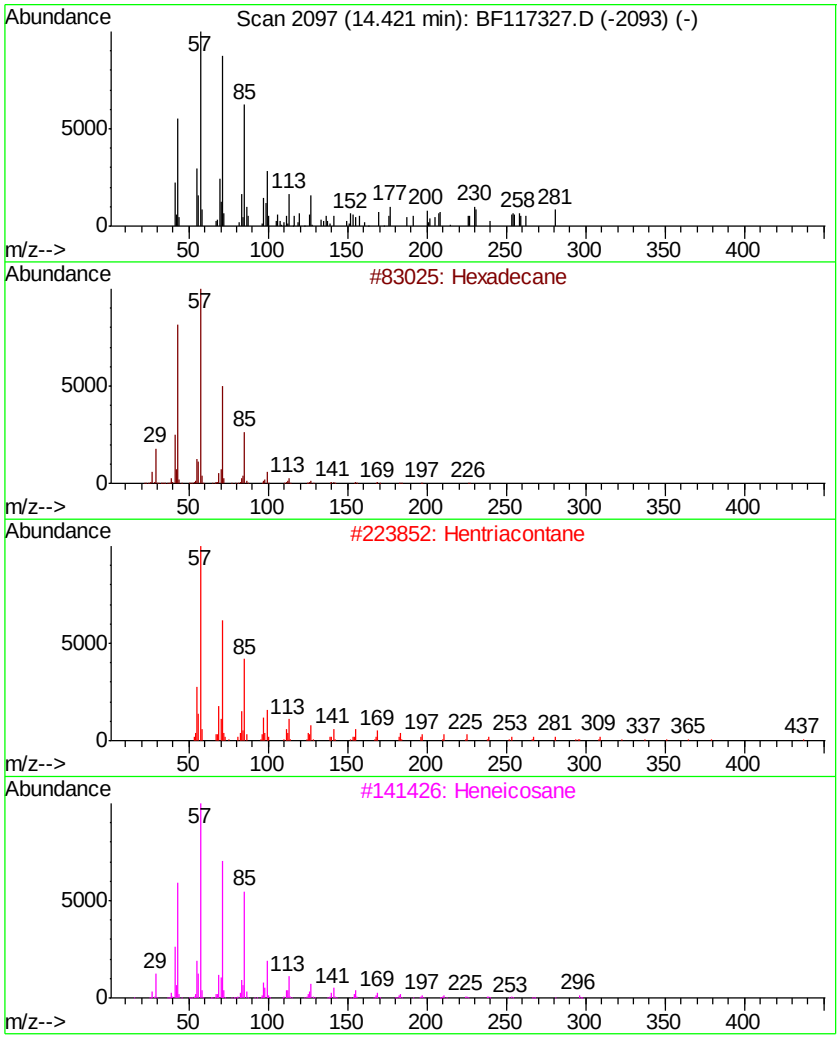
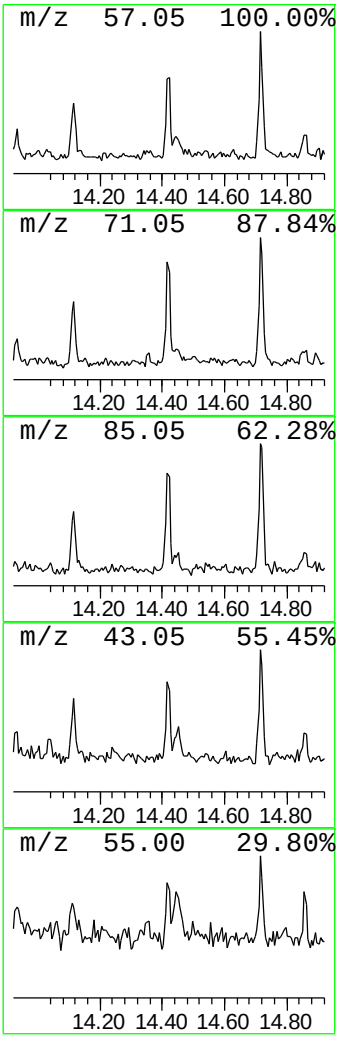
Peak Number 11 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.24 ng	60052	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Hentriacontane	437	C31H64	000630-04-6	68
3	Heneicosane	296	C21H44	000629-94-7	64
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Pentacosane	352	C25H52	000629-99-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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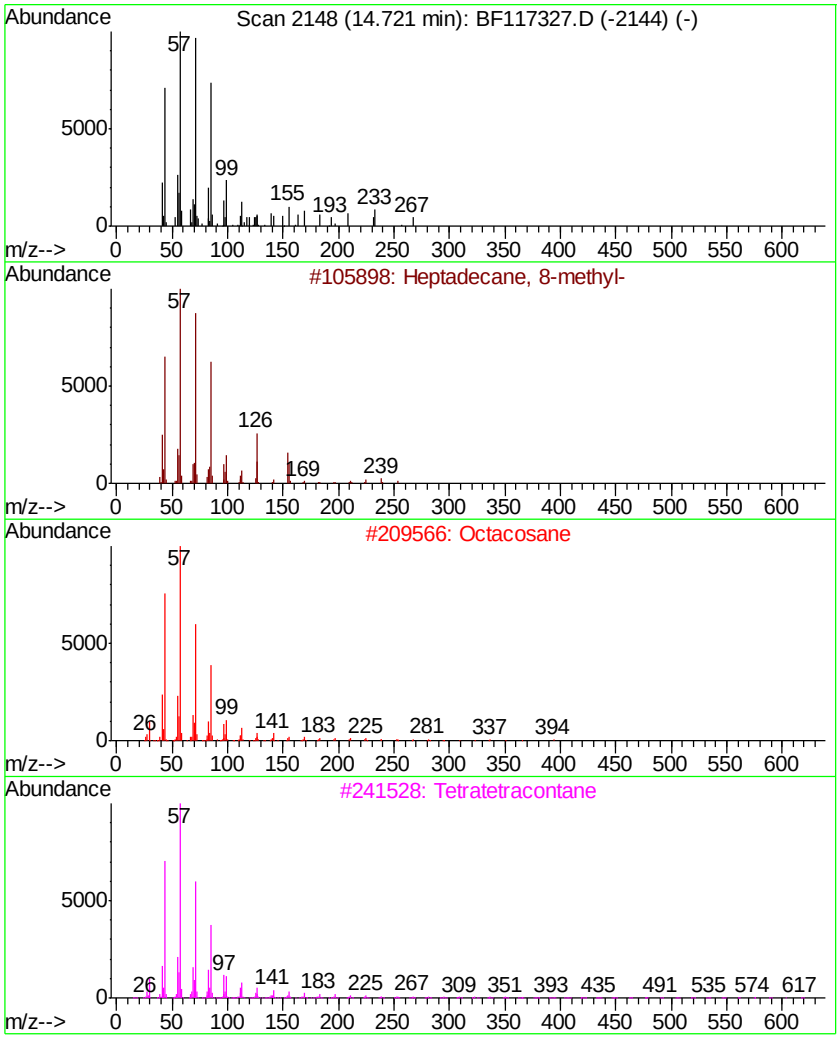
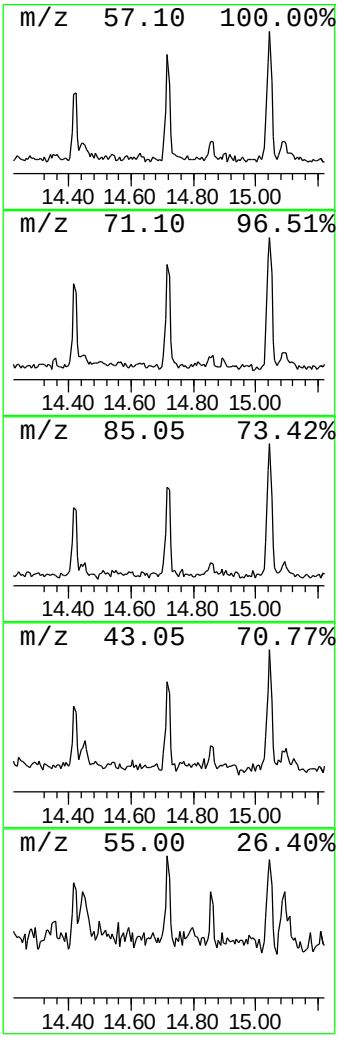
Peak Number 12 Heptadecane, 8-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.46 ng	51750	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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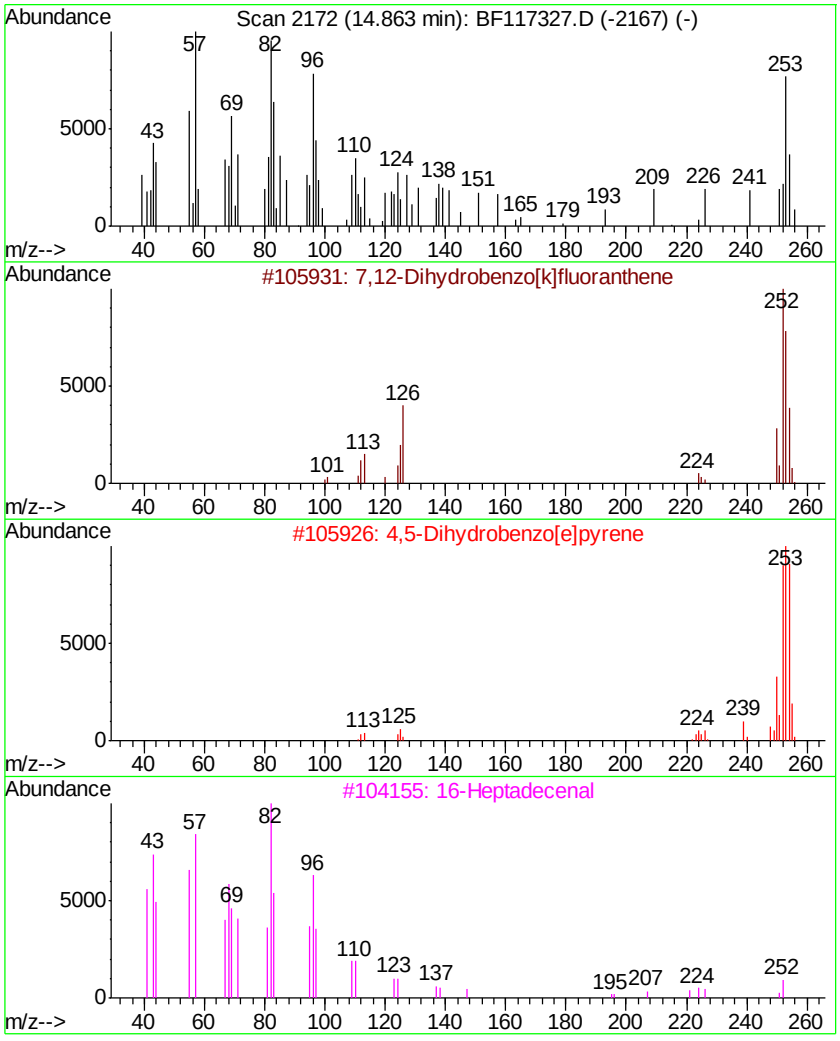
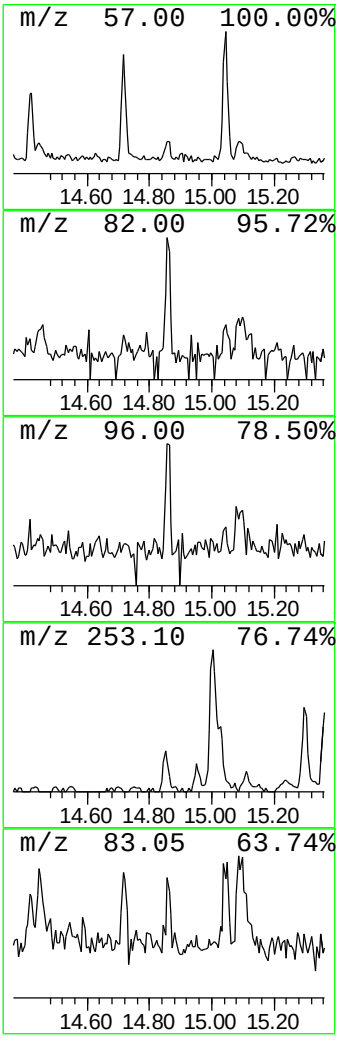
Peak Number 13 unknown14.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.31 ng	49479	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	49
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	47
3	16-Heptadecenal	252	C17H32O	1000144-57-9	44
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	43
5	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	43





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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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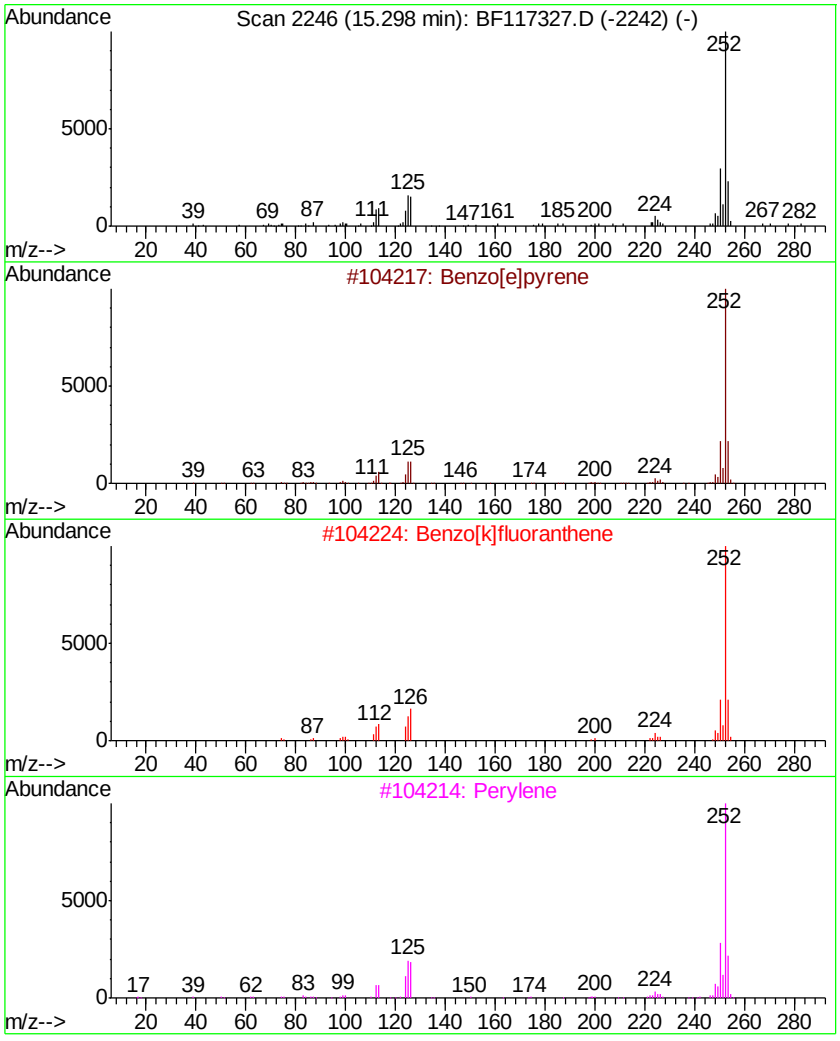
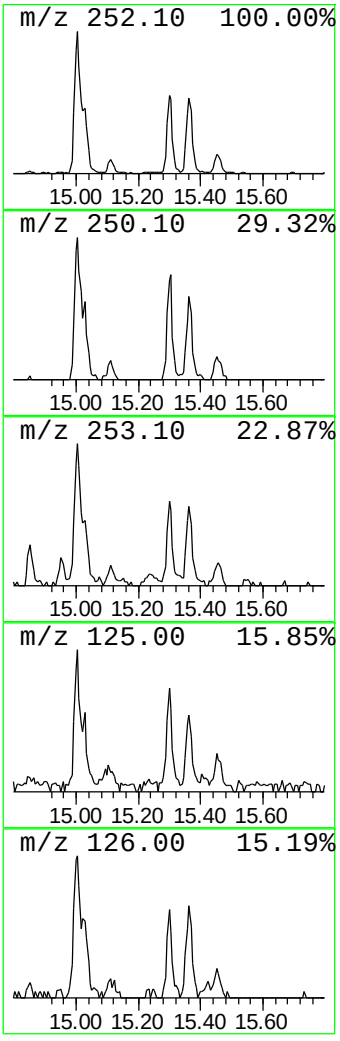
Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.95 ng	118786	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





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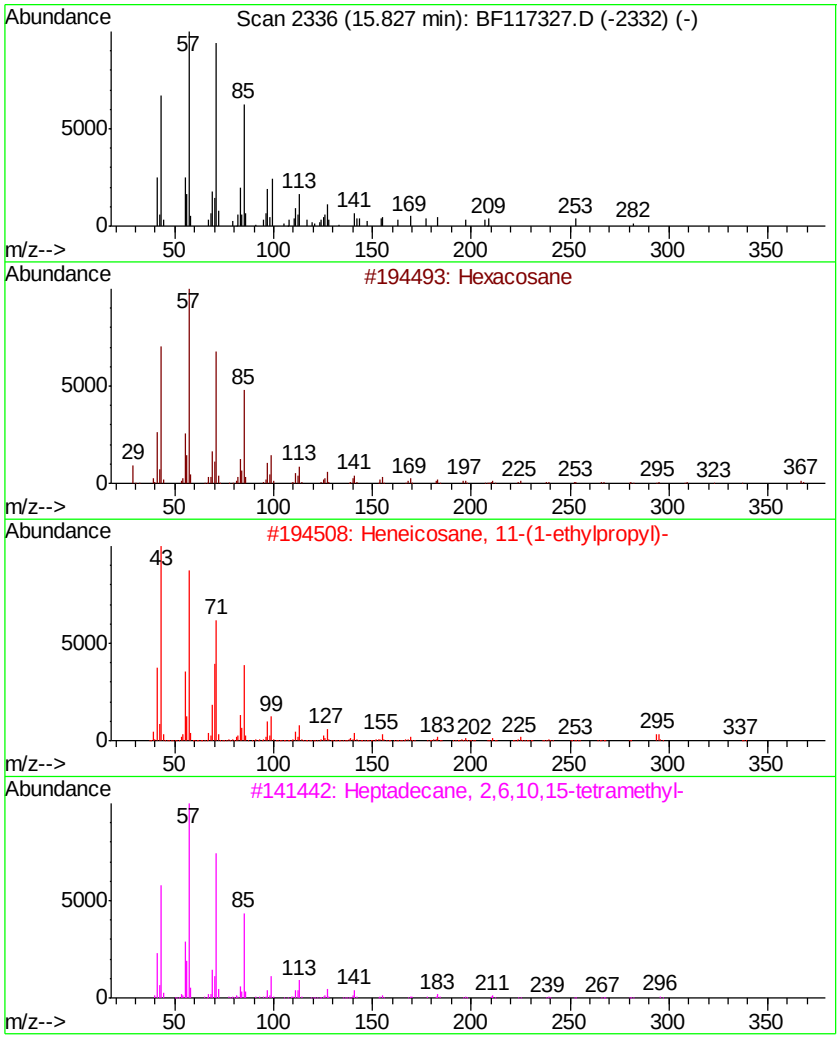
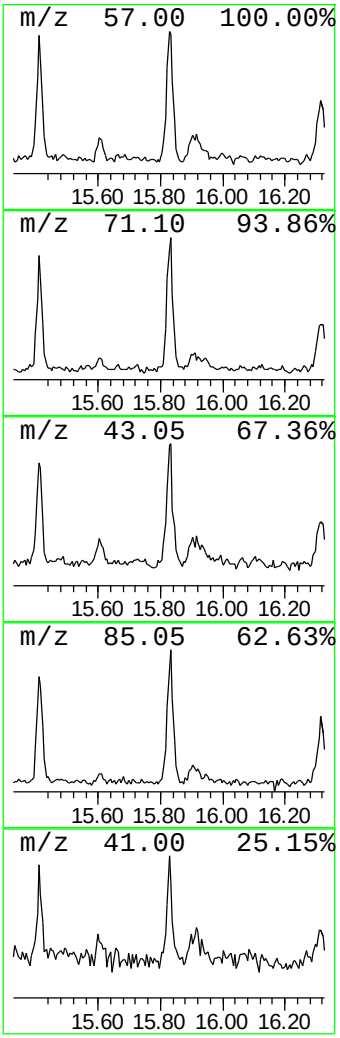
Peak Number 15 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.03 ng	90198	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Triacontane	422	C30H62	000638-68-6	80





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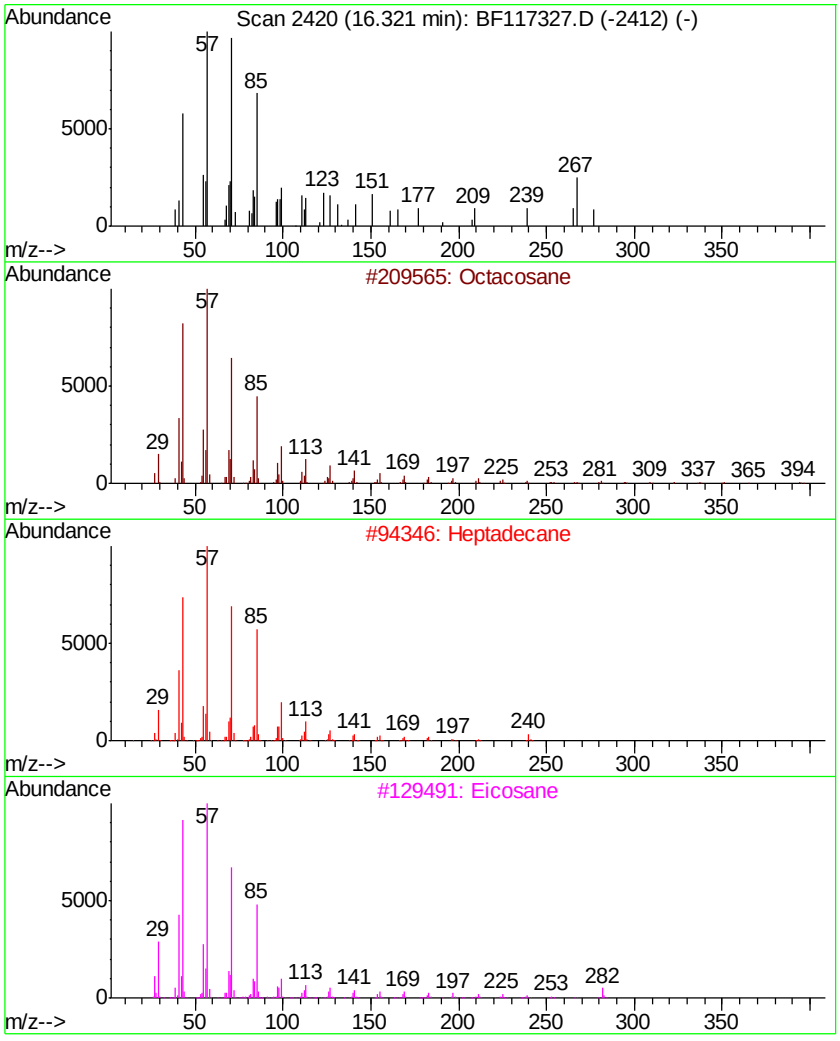
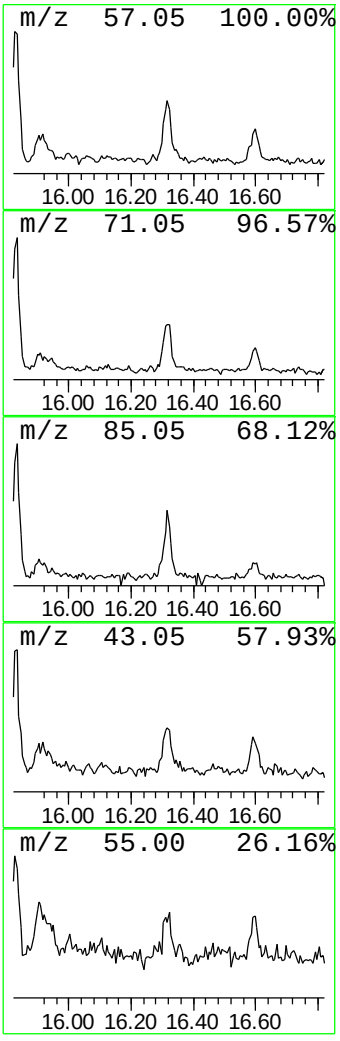
Peak Number 16 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.64 ng	54371	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	74
2	Heptadecane	240	C17H36	000629-78-7	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	72





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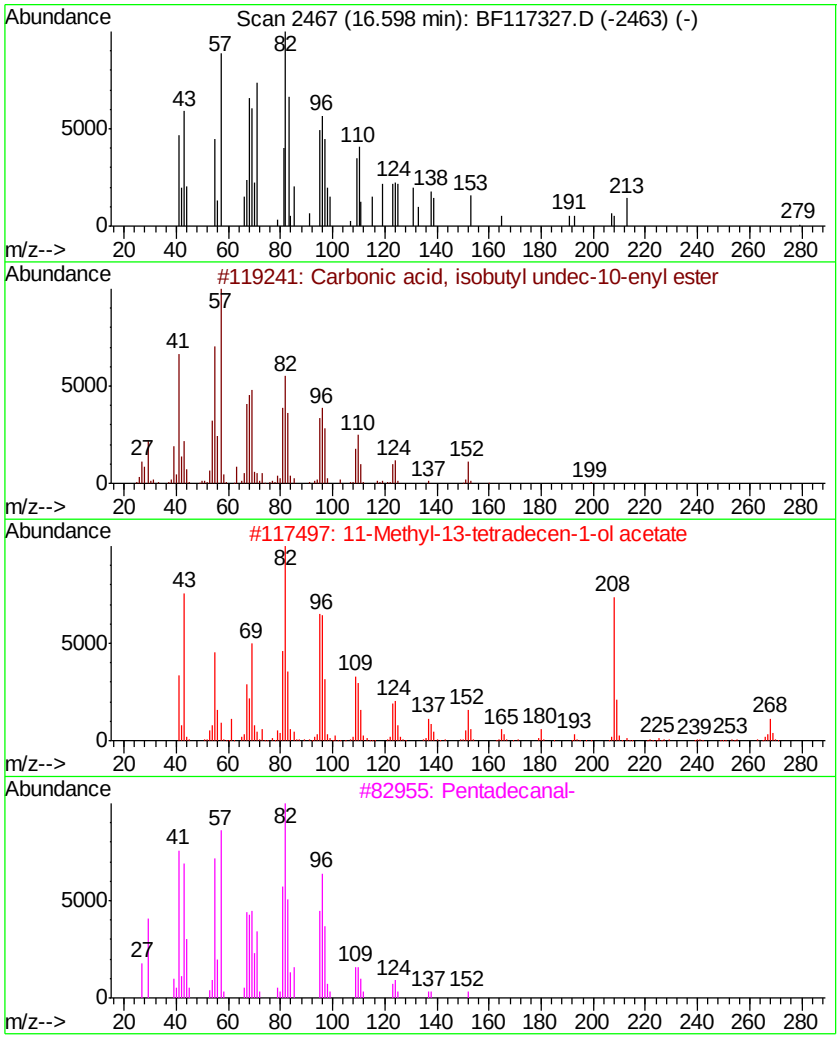
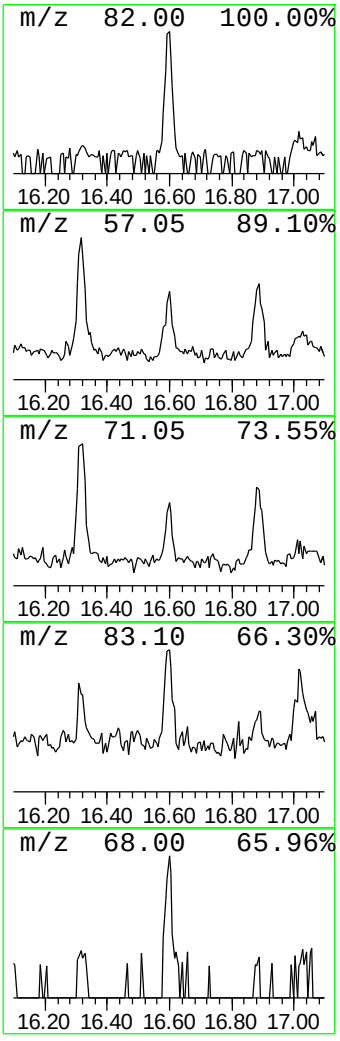
Peak Number 17 Carbonic acid, isobutyl und... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.29 ng	49184	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl undec-10...	270	C16H30O3	1000314-60-8	50
2	11-Methyl-13-tetradecen-1-ol ace...	268	C17H32O2	1000131-33-5	47
3	Pentadecanal-	226	C15H30O	002765-11-9	47
4	15-Octadecenal	266	C18H34O	056554-93-9	43
5	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	38





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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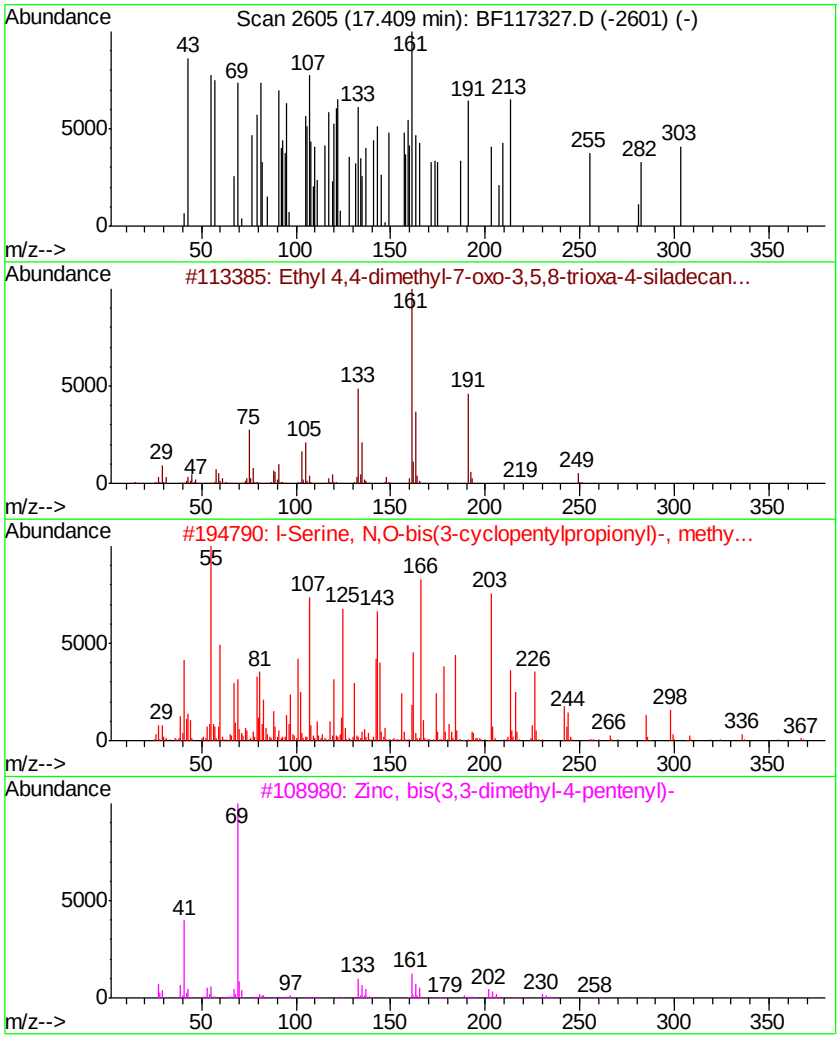
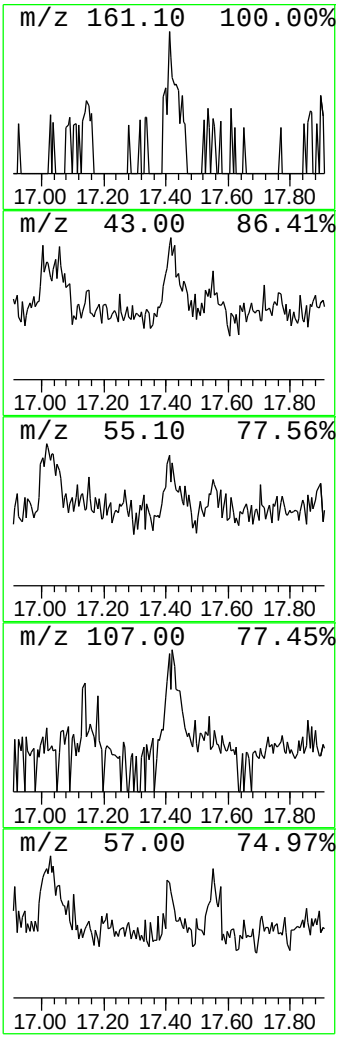
Peak Number 18 unknown17.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	5.04 ng	75307	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 4,4-dimethyl-7-oxo-3,5,8-t...	264	C10H20O6Si	1000376-01-1	22
2	l-Serine, N,O-bis(3-cyclopentylp...	367	C20H33NO5	1000299-65-7	18
3	Zinc, bis(3,3-dimethyl-4-pentenyl)-	258	C14H26Zn	081069-81-0	12
4	Pivalamide, N-methyl-N-phenyl-	191	C12H17NO	1000345-72-6	11
5	Acetamide, N-(2-oxo-2H-1-benzopy...	203	C11H9NO3	000833-68-1	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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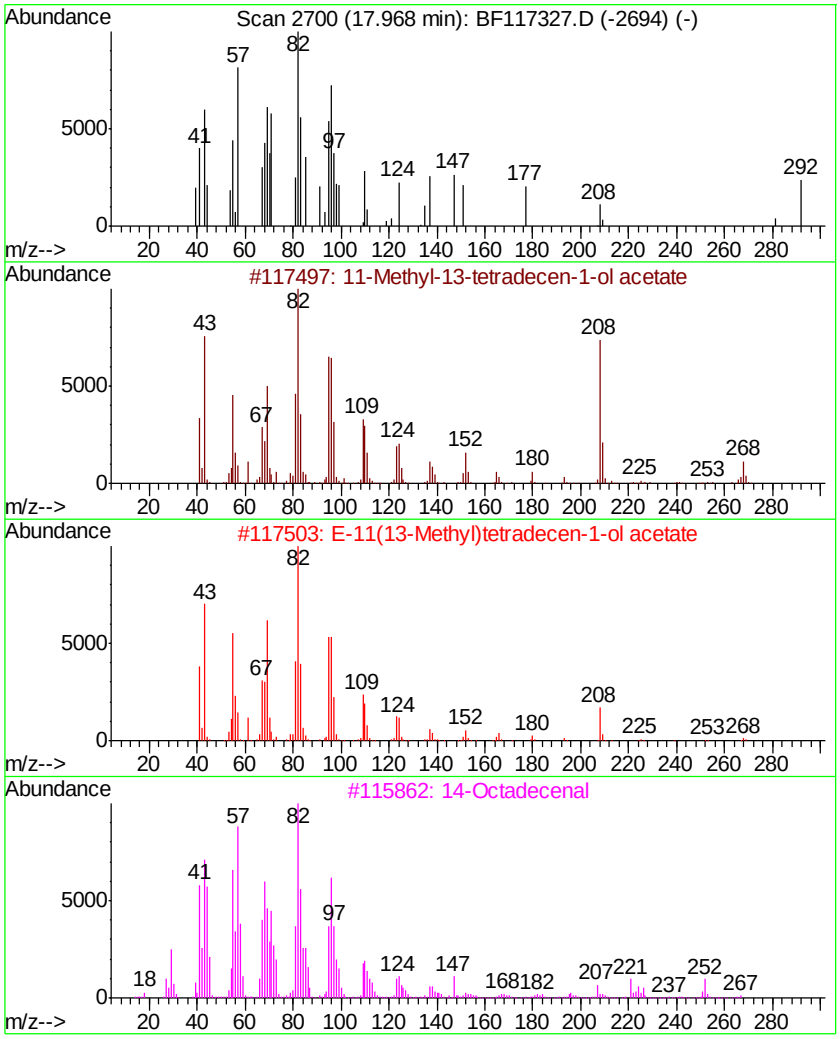
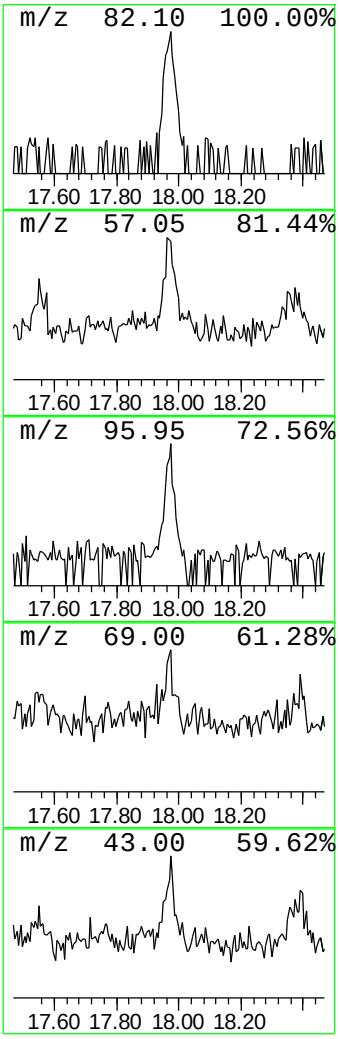
Peak Number 19 11-Methyl-13-tetradecen-1-o... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.34 ng	49952	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methyl-13-tetradecen-1-ol ace...	268	C17H32O2	1000131-33-5	50
2	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	47
3	14-Octadecenal	266	C18H34O	056554-89-3	47
4	Tetradecanal	212	C14H28O	000124-25-4	46
5	2,5a-Methano-5aH-pyrido[1,2-b][1...	167	C10H17NO	054980-46-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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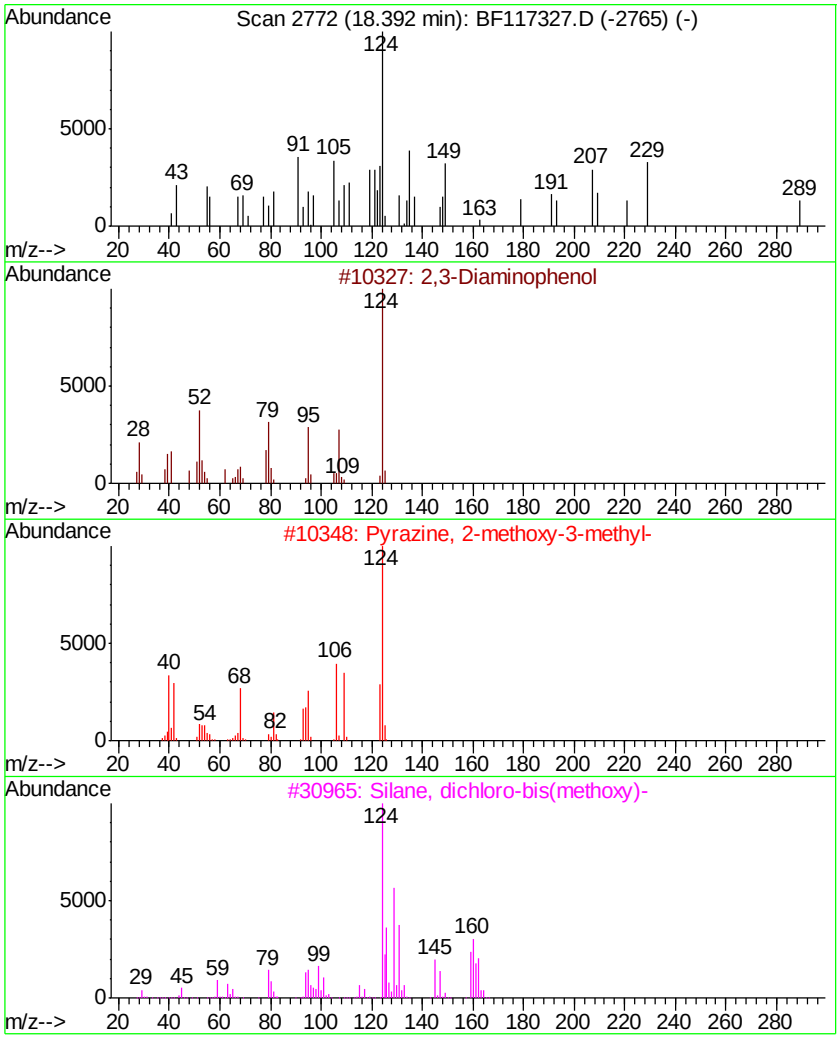
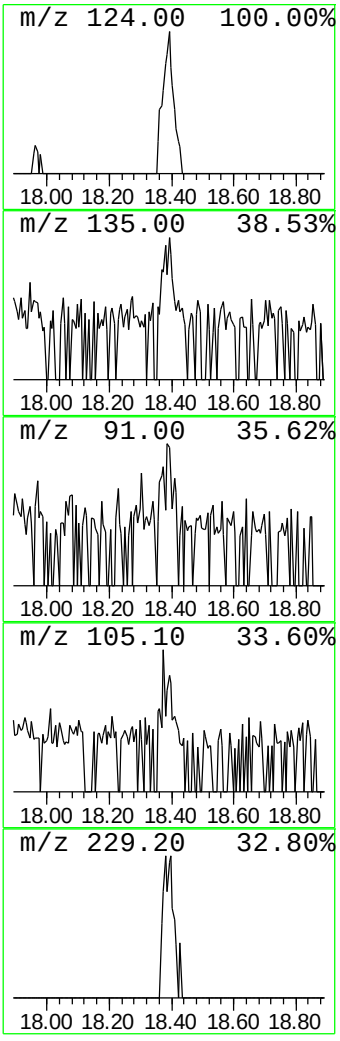
Peak Number 20 unknown18.39 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.41 ng	50915	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	14
2	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	14
3	Silane, dichloro-bis(methoxy)-	160	C2H6Cl2O2Si	018544-45-1	12
4	2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	10
5	Boron, (1-azabicyclo[2.2.2]octan...	125	C7H16BN	025605-09-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117327.D
Acq On : 3 Oct 2019 20:13
Operator : JU
Sample : K5158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.58	6.58	72.5	ng	1078470	1	6.80	297475	20.0
Dodecane, 1-iodo-	10.74	4.9	ng	93869	4	11.33	380365	20.0
Hexadecane, 2,6,1...	11.22	3.9	ng	74660	4	11.33	380365	20.0
1,2-Benzenedicarb...	11.48	3.6	ng	68164	4	11.33	380365	20.0
Tridecane, 1-iodo-	12.02	3.5	ng	67471	4	11.33	380365	20.0
unknown13.45	13.45	3.2	ng	59028	5	13.97	370679	20.0
unknown13.67	13.67	4.5	ng	84008	5	13.97	370679	20.0
Dehydroabietic acid	13.76	6.3	ng	117089	5	13.97	370679	20.0
n-Tetracosanol-1	13.80	12.4	ng	229553	5	13.97	370679	20.0
Hexadecane	14.42	3.2	ng	60052	5	13.97	370679	20.0
Heptadecane, 8-me...	14.72	3.5	ng	51750	6	15.42	299004	20.0
unknown14.86	14.86	3.3	ng	49479	6	15.42	299004	20.0
Benzo[e]pyrene	15.30	8.0	ng	118786	6	15.42	299004	20.0
Hexacosane	15.83	6.0	ng	90198	6	15.42	299004	20.0
Octacosane	16.32	3.6	ng	54371	6	15.42	299004	20.0
Carbonic acid, is...	16.60	3.3	ng	49184	6	15.42	299004	20.0
unknown17.41	17.41	5.0	ng	75307	6	15.42	299004	20.0
11-Methyl-13-tetr...	17.97	3.3	ng	49952	6	15.42	299004	20.0
unknown18.39	18.39	3.4	ng	50915	6	15.42	299004	20.0