LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

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-BF120619.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	2.111	3	4	18	rVB	241474	234905	4.40%	0.306%
2	2.481	60	67	73	rVB	42390	67628	1.27%	0.088%
3	5.075	503	508	520	rVB	368991	455969	8.55%	0.593%
4	5.481	572	577	580	rBV	2568471	2325366	43.60%	3.026%
5	6.498	745	750	757	rBV	2505537	2530122	47.44%	3.293%
6	6.634	769	773	776	rBV	2999207	2741240	51.40%	3.567%
7	6.698	780	784	788	rVB3	79370	79838	1.50%	0.104%
8	6.863	809	812	820	rBV	879786	710588	13.32%	0.925%
9	7.022	835	839	842	rBV	2617226	2131365	39.97%	2.774%
10	7.240	873	876	879	rBV	93173	79286	1.49%	0.103%
11	7.428	904	908	911	rBV	1750133	1558910	29.23%	2.029%
12	8.151	1023	1031	1033	rBV	1134935	947989	17.78%	1.234%
13	8.175	1033	1035	1040	rVB	628309	483924	9.07%	0.630%
14	8.869	1149	1153	1156	rBV	557286	482582	9.05%	0.628%
15	8.963	1166	1169	1178	rVB	290291	273926	5.14%	0.356%
16	9.234	1210	1215	1218	rBV	3584243	3278684	61.48%	4.267%
17	9.328	1229	1231	1237	rVB	229386	194962	3.66%	0.254%
18	9.428	1245	1248	1253	rVB	75234	72783	1.36%	0.095%
19	9.498	1256	1260	1264	rBV	105052	142082	2.66%	0.185%
20	9.569	1269	1272	1274	rVV	140116	135252	2.54%	0.176%
21	9.592	1274	1276	1279	rVV	94405	97701	1.83%	0.127%
22	9.622	1279	1281	1285	rVV	310643	253382	4.75%	0.330%
23	9.686	1288	1292	1301	rVV2	64162	88047	1.65%	0.115%
24	9.769	1301	1306	1311	rVV2	51506	53421	1.00%	0.070%
25	9.916	1323	1331	1333	rBV	1186530	1184721	22.21%	1.542%
26	9.945	1333	1336	1340	rVB	579031	460585	8.64%	0.599%
27	10.063	1352	1356	1361	rBV4	50455	64767	1.21%	0.084%
28	10.116	1361	1365	1370	rBV	467075	406136	7.62%	0.529%
29	10.369	1405	1408	1410	rBV	78146	59279	1.11%	0.077%
30	10.428	1414	1418	1421	rVV	432460	370736	6.95%	0.482%
31	10.463	1421	1424	1427	rVV	365611	319077	5.98%	0.415%
32	10.516	1430	1433	1437	rBV2	125475	137500	2.58%	0.179%
33	10.551	1437	1439	1442	rBV2	58868	59648	1.12%	0.078%
34	10.586	1442	1445	1448	rVV2	50100	56328	1.06%	0.073%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC002

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.622	1448	1451	1456	rVV2	334226	367657	6.89%	0.478%
36	10.669	1456	1459	1462	rVV3	125559	208609	3.91%	0.271%
37	10.704	1462	1465	1471	rVV2	2641978	2515390	47.17%	3.273%
38	10.775	1475	1477	1478	rBV2	83335	67455	1.26%	0.088%
39	10.833	1482	1487	1490	rBV	1838093	1730607	32.45%	2.252%
40	10.863	1490	1492	1493	rVV2	324155	299282	5.61%	0.389%
41	10.886	1493	1496	1499	rVV	3112530	2939553	55.12%	3.825%
42	10.928	1499	1503	1505	rVV2	4472208	5333060	100.00%	6.940%
43	10.957	1505	1508	1510	rVV2	4678485	4230731	79.33%	5.506%
44	10.981	1510	1512	1514	rVV	2724938	2192587	41.11%	2.853%
45	11.022	1514	1519	1521	rVV2	1741451	3205432	60.10%	4.171%
46	11.039	1521	1522	1524	rVV	2086489	1201589	22.53%	1.564%
47	11.075	1524	1528	1531	rVV3	4102599	4883876	91.58%	6.356%
48	11.110	1531	1534	1536	rVV	4051745	4025001	75.47%	5.238%
49	11.128	1536	1537	1539	rVV	1916552	1605580	30.11%	2.089%
50	11.151	1539	1541	1545	rVB	2997517	2352519	44.11%	3.061%
51	11.222	1549	1553	1557	rBV2	349608	393460	7.38%	0.512%
52	11.263	1557	1560	1562	rVV3	205342	200594	3.76%	0.261%
53	11.286	1562	1564	1570	rVV2	221875	319012	5.98%	0.415%
54	11.333	1570	1572	1574	rVB	108024	71513	1.34%	0.093%
55	11.410	1581	1585	1587	rBV	1184703	1080116	20.25%	1.406%
56	11.433	1587	1589	1592	rVV	1428398	1054044	19.76%	1.372%
57	11.480	1595	1597	1600	rVB	243582	196985	3.69%	0.256%
58	11.639	1620	1624	1630	rBV	118664	167641	3.14%	0.218%
59	11.739	1638	1641	1645	rBV2	60779	63360	1.19%	0.082%
60	11.910	1667	1670	1671	rVV	166408	153712	2.88%	0.200%
61	11.933	1671	1674	1680	rVV	1232568	1282787	24.05%	1.669%
62	11.992	1681	1684	1686	rVV2	115924	133725	2.51%	0.174%
63	12.022	1686	1689	1691	rVV2	221803	226654	4.25%	0.295%
64	12.045	1691	1693	1697	rVV	87401	80581	1.51%	0.105%
65	12.104	1701	1703	1707	rVB3	58540	60931	1.14%	0.079%
66	12.204	1718	1720	1722	rBV	88778	65130	1.22%	0.085%
67	12.233	1722	1725	1728	rVB2	109727	110540	2.07%	0.144%
68	12.333	1740	1742	1744	rBV3	67573	71001	1.33%	0.092%
69	12.386	1748	1751	1753	rVV2	99237	86808	1.63%	0.113%
70	12.457	1761	1763	1766	rBV	120857	114395	2.15%	0.149%
71	12.492	1767	1769	1772	rVV3	93168	81982	1.54%	0.107%

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Instrument : BNA_F
ClientSampleId : P001-WC002

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.539	1775	1777	1782	rVB4	111321	130470	2.45%	0.170%
73	12.622	1788	1791	1794	rBV	804495	739996	13.88%	0.963%
74	12.657	1795	1797	1804	rVB4	223102	322717	6.05%	0.420%
75	12.722	1804	1808	1813	rBV3	908959	959952	18.00%	1.249%
76	12.851	1825	1830	1832	rBV2	594778	700353	13.13%	0.911%
77	12.874	1832	1834	1837	rVB	476398	425538	7.98%	0.554%
78	12.998	1851	1855	1858	rBV	3093049	2728443	51.16%	3.551%
79	13.180	1884	1886	1891	rBV3	138942	189671	3.56%	0.247%
80	13.539	1945	1947	1951	rBV2	206988	250309	4.69%	0.326%
81	13.622	1959	1961	1966	rVB	314261	279707	5.24%	0.364%
82	13.898	2005	2008	2011	rVB2	395744	379464	7.12%	0.494%
83	14.027	2025	2030	2032	rBV	850559	1334169	25.02%	1.736%
84	14.057	2032	2035	2038	rVB2	733761	794921	14.91%	1.034%
85	15.116	2212	2215	2222	rVB	290457	476740	8.94%	0.620%
86	15.557	2286	2290	2299	rVB	664878	976717	18.31%	1.271%
87	16.021	2365	2369	2373	rVB	311398	441244	8.27%	0.574%

Sum of corrected areas: 76843039

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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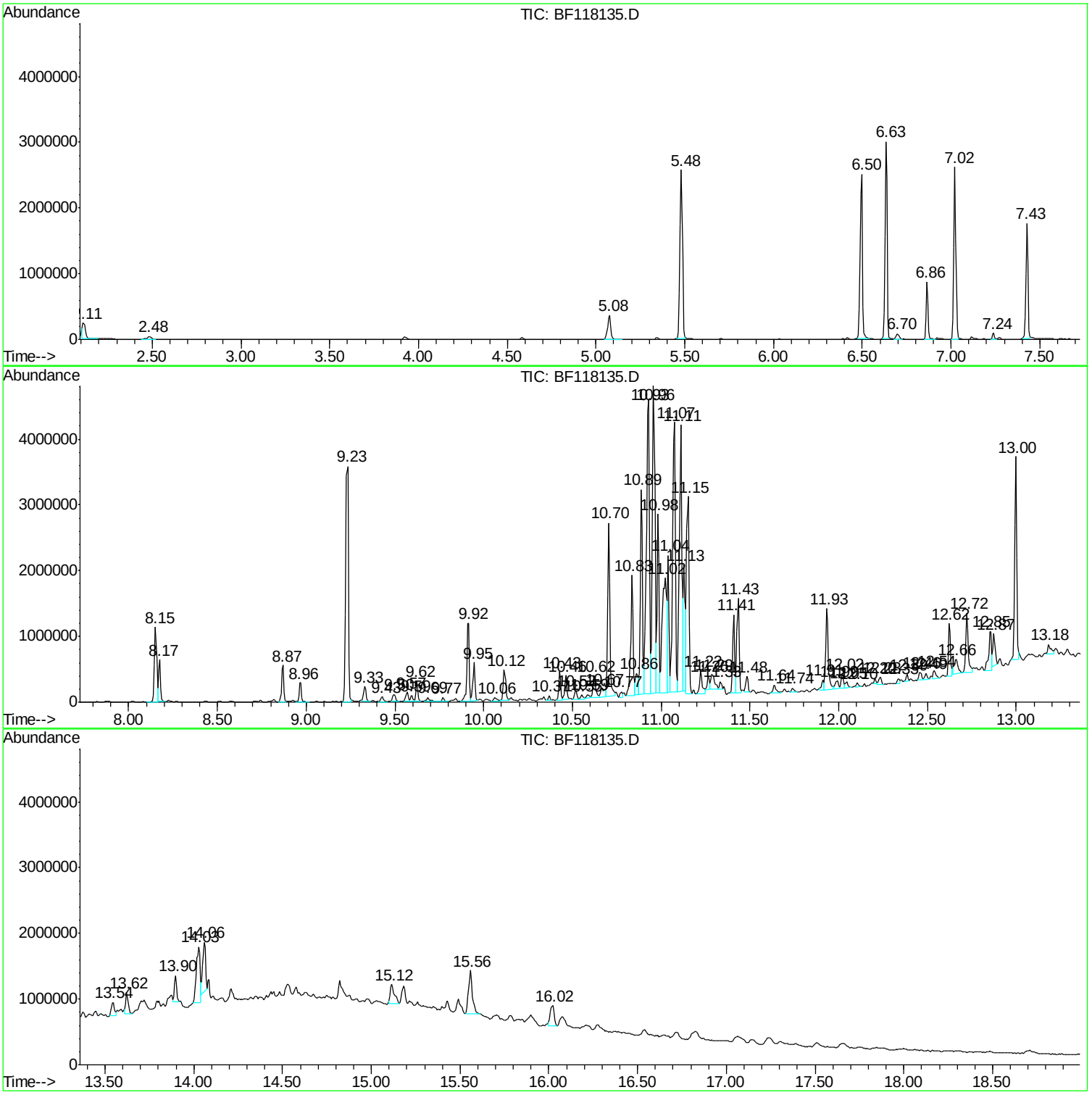
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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\BF120719\
Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

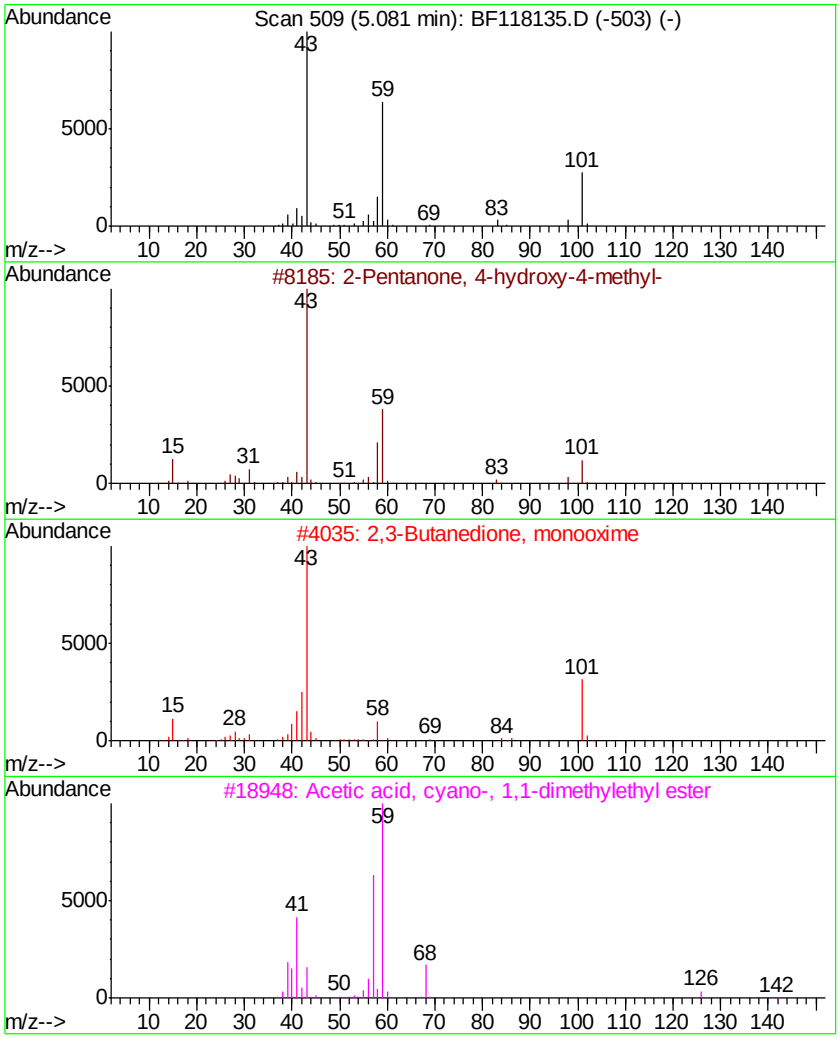
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

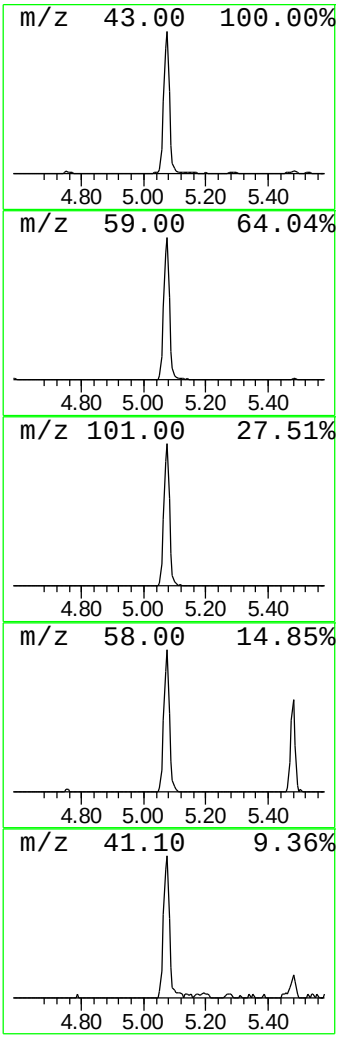
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	12.83 ng	455969	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

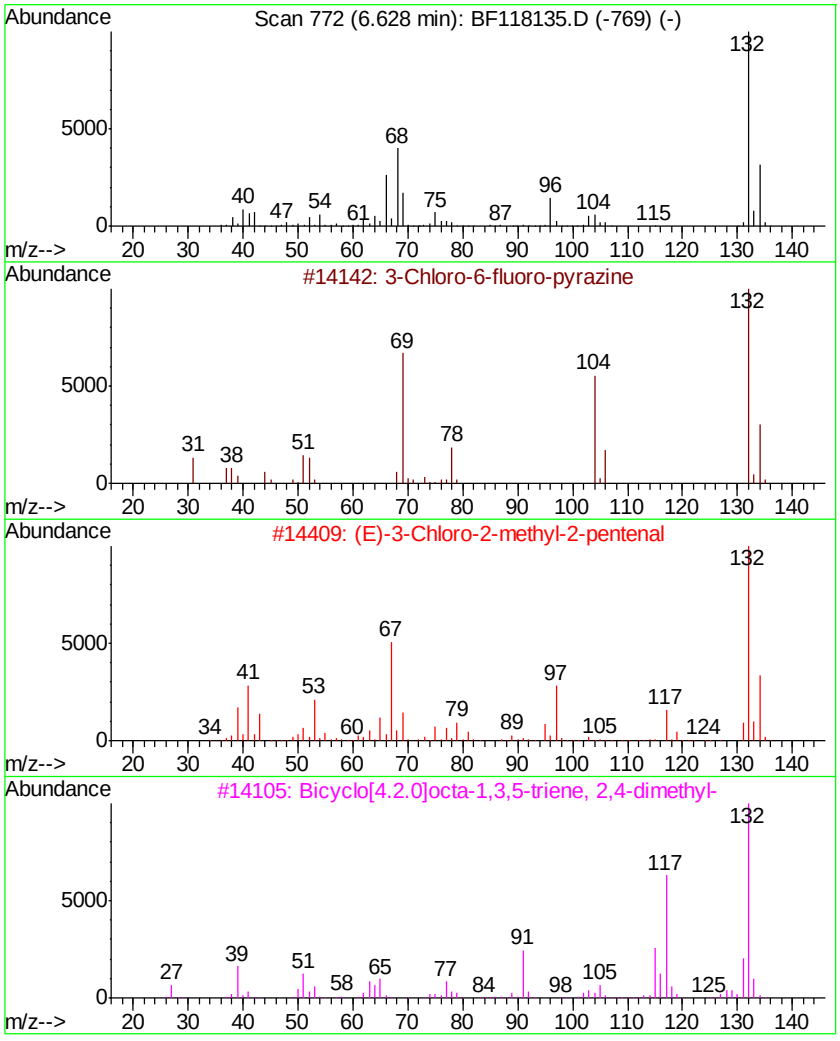
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

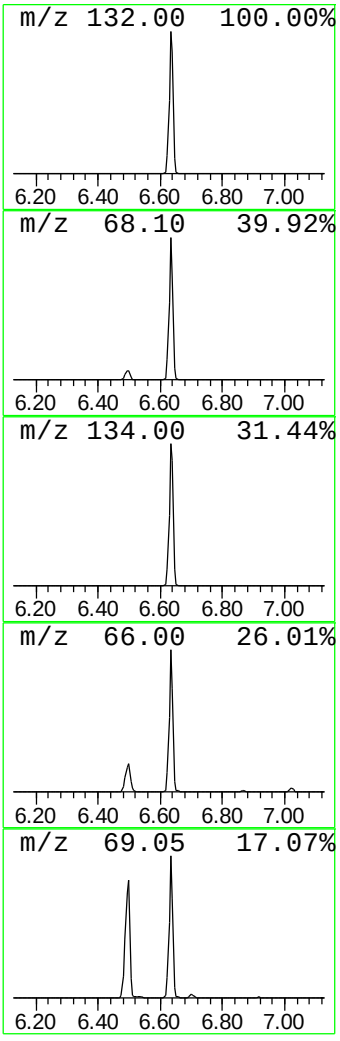
****

Peak Number 2 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	77.15 ng	2741240	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

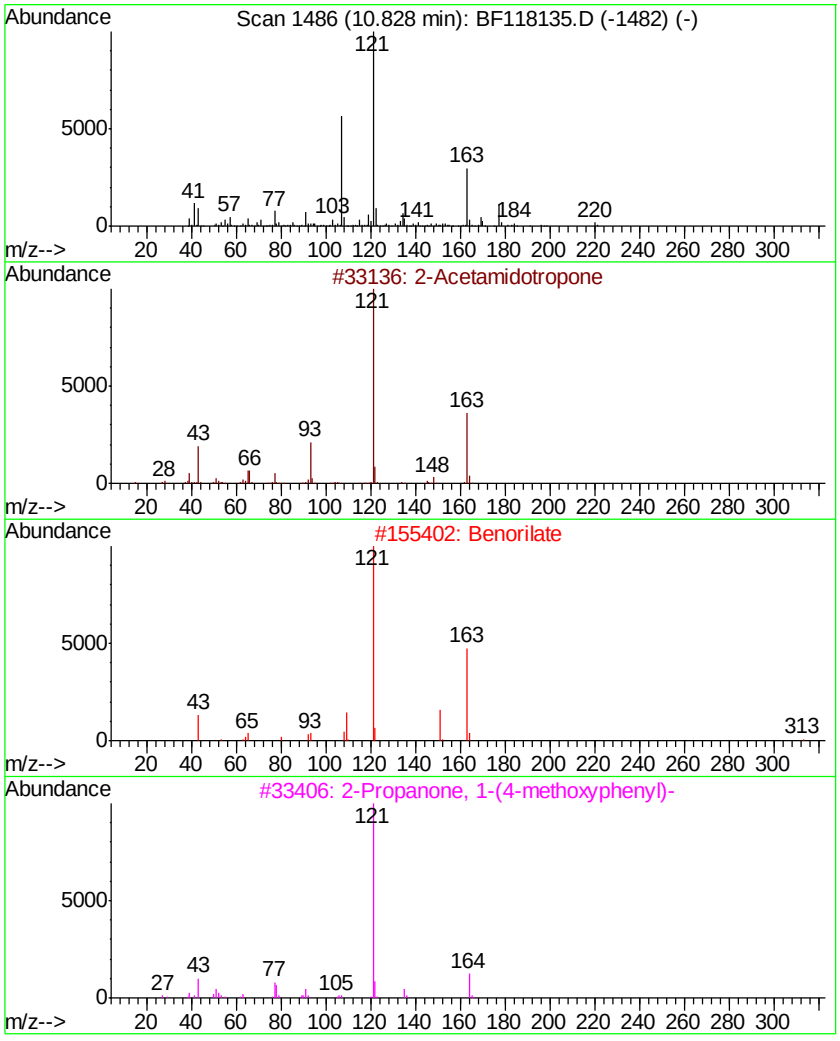
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

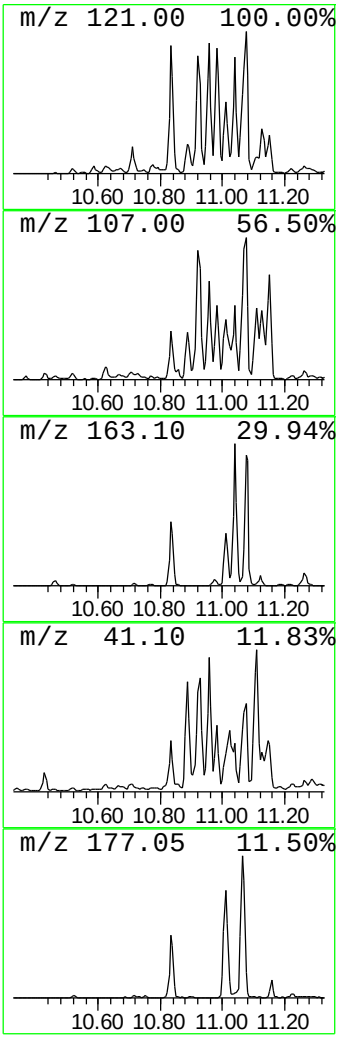
****

Peak Number 4 unknown10.83 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	32.04 ng	1730610	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
2	Benorilate	313	C17H15NO5	005003-48-5	47
3	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43
4	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

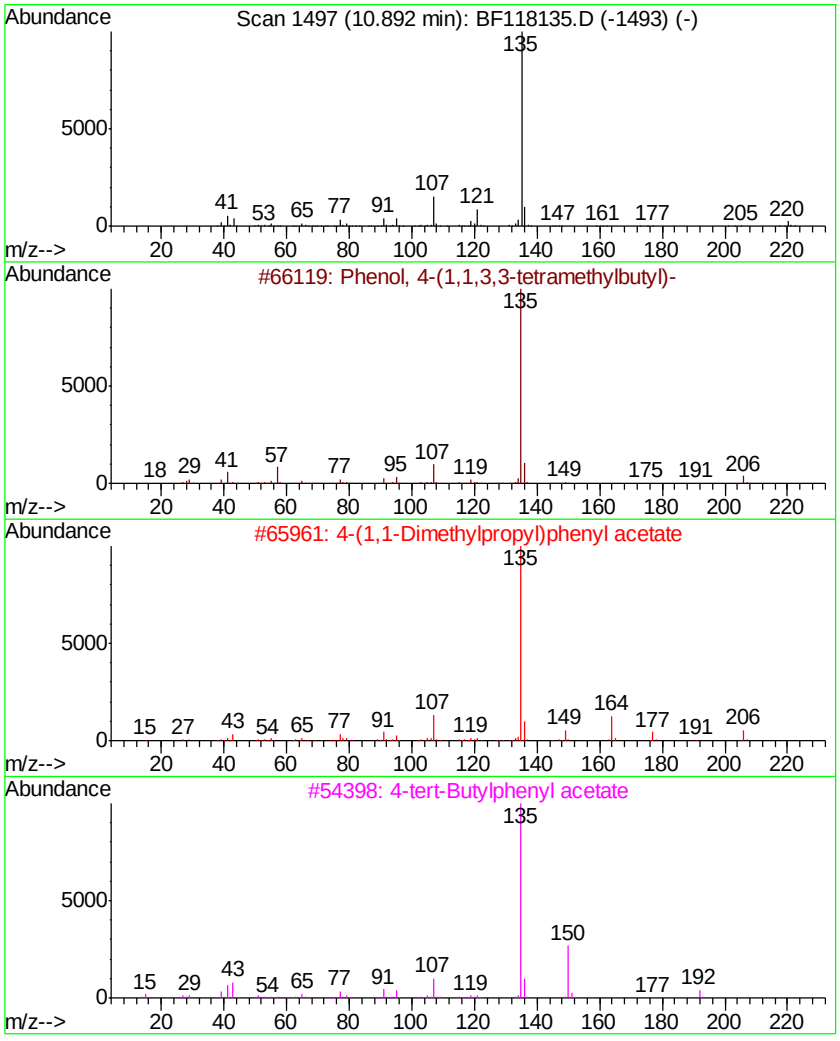
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

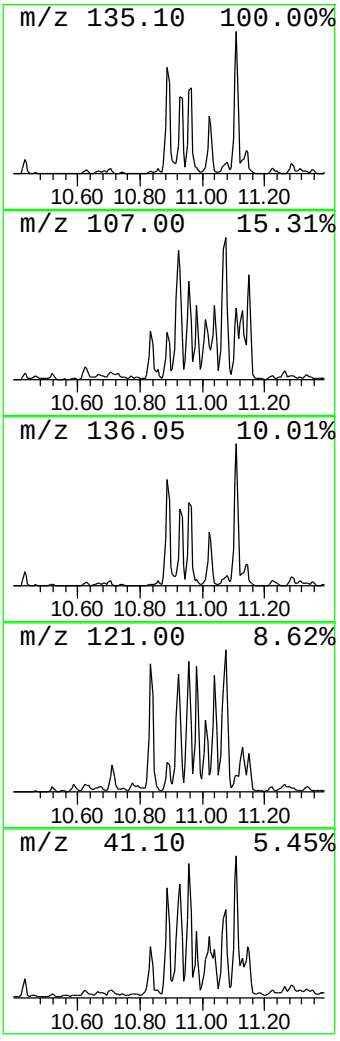
****

Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	54.43 ng	2939550	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
5	Hexestrol	270	C18H22O2	000084-16-2	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

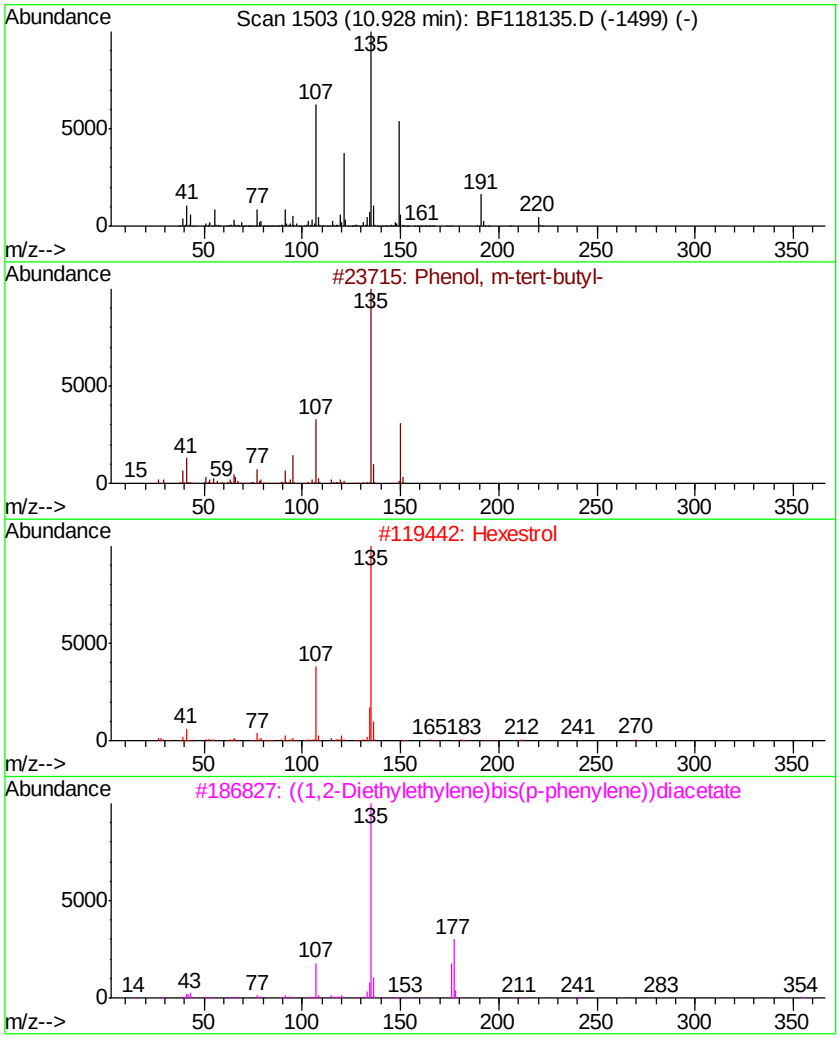
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

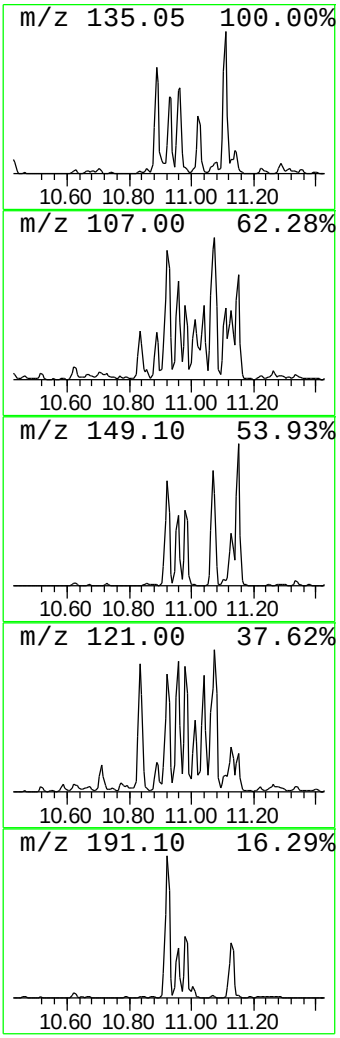
****

Peak Number 6 Phenol, m-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	98.75 ng	5333060	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
2	Hexestrol	270	C18H22O2	005635-50-7	50
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	43
4	6-Methyl-1-propyl-1,2,3,4-tetrah...	178	C11H18N2	1000305-41-3	38
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

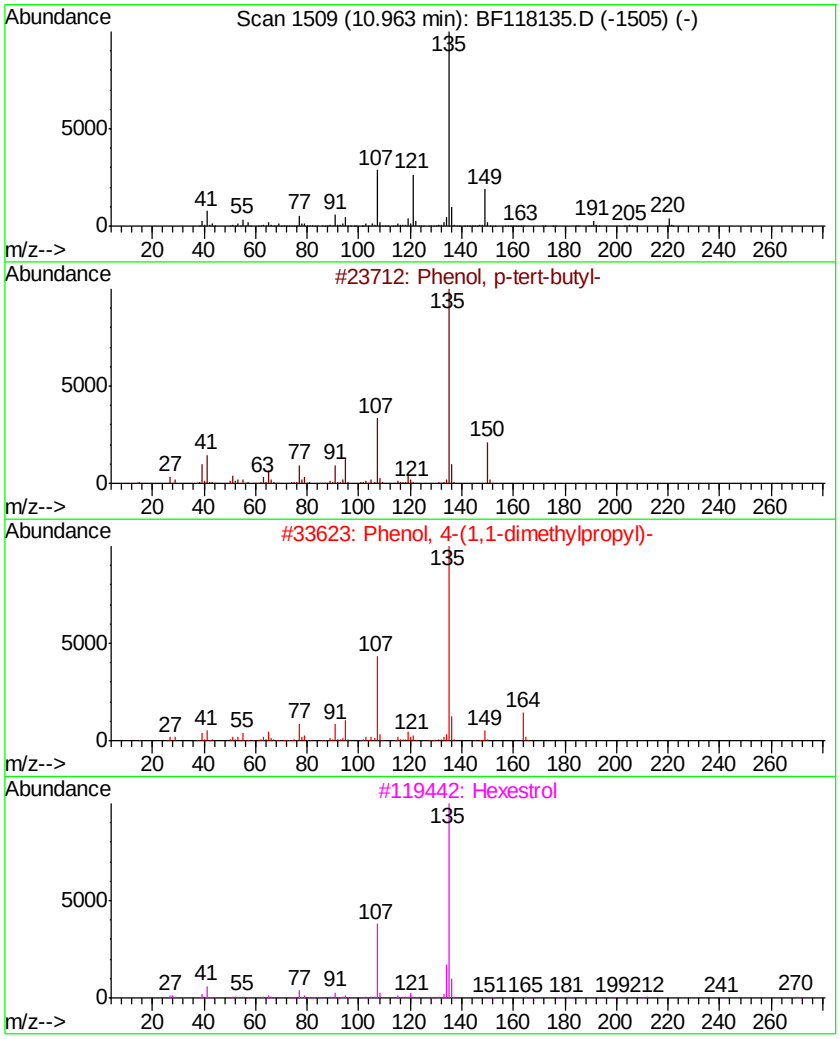
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

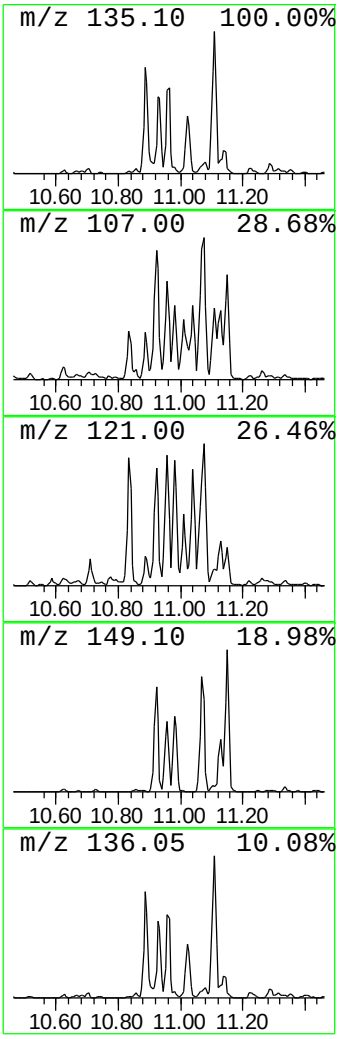
****

Peak Number 7 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	78.34 ng	4230730	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	52
3	Hexestrol	270	C18H22O2	005635-50-7	50
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	50





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Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
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Instrument : BNA_F
ClientSampleId : P001-WC002

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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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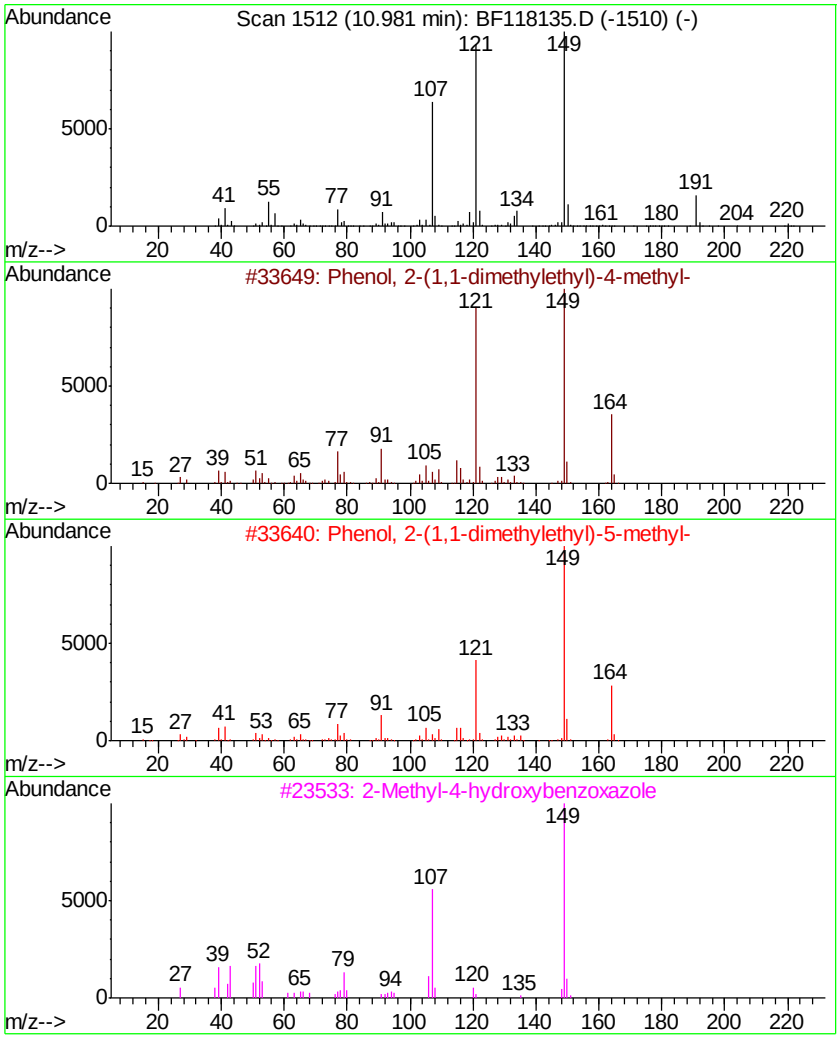
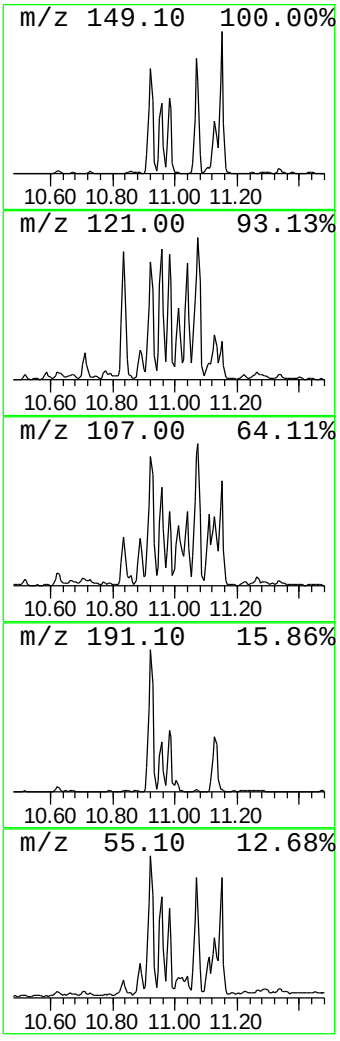
Peak Number 8 Phenol, 2-(1,1-dimethylethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	40.60 ng	2192590	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	59
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	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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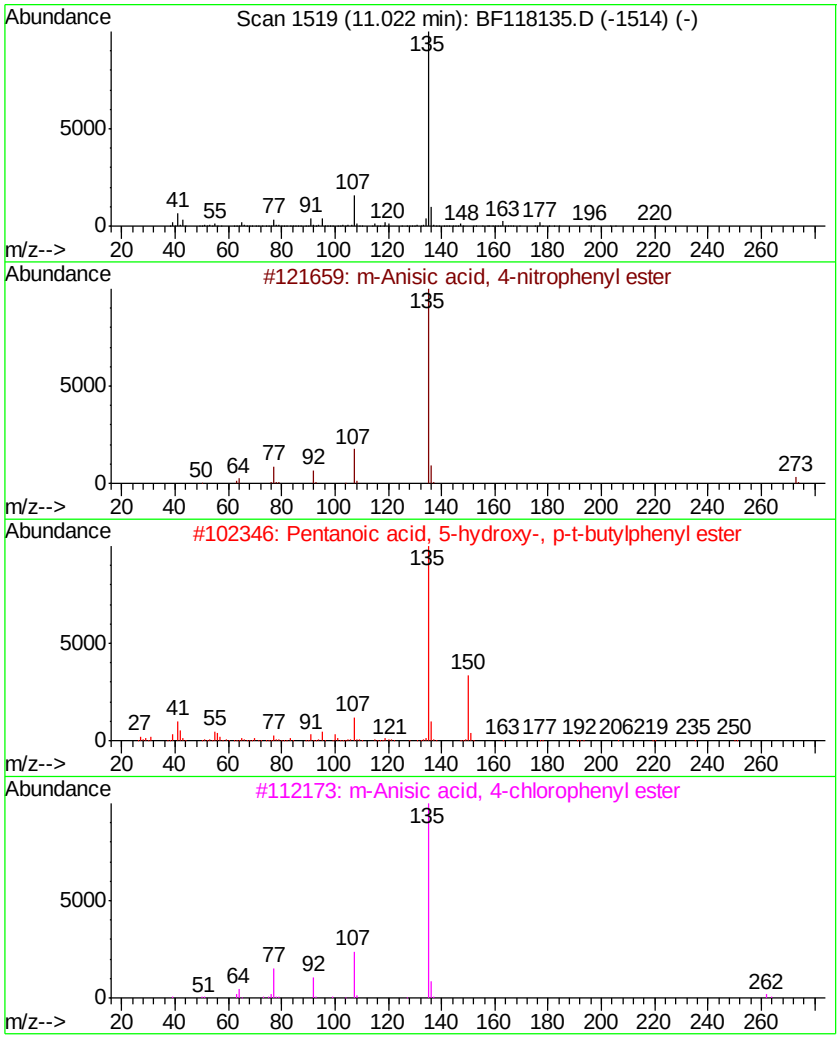
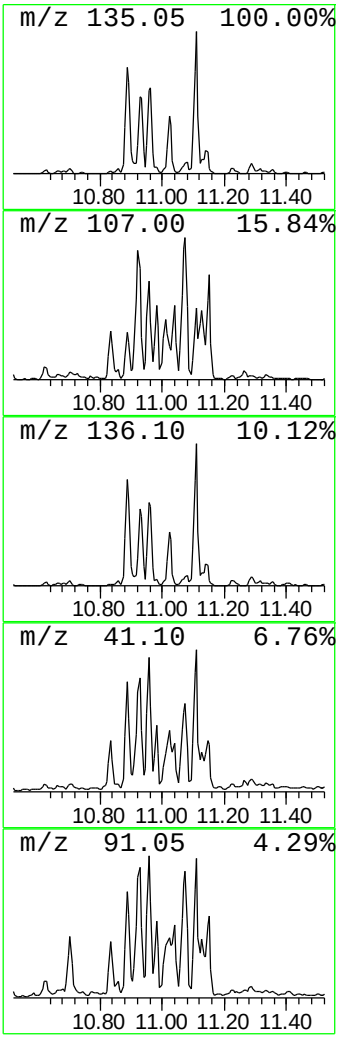
Peak Number 9 m-Anisic acid, 4-nitropheny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	59.35 ng	3205430	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-80-4	64
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	m-Anisic acid, 4-chlorophenyl ester	262	C14H11ClO3	1000307-79-9	50
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	m-Anisic acid, 3,4-dichloropheny...	296	C14H10Cl2O3	1000307-80-3	50





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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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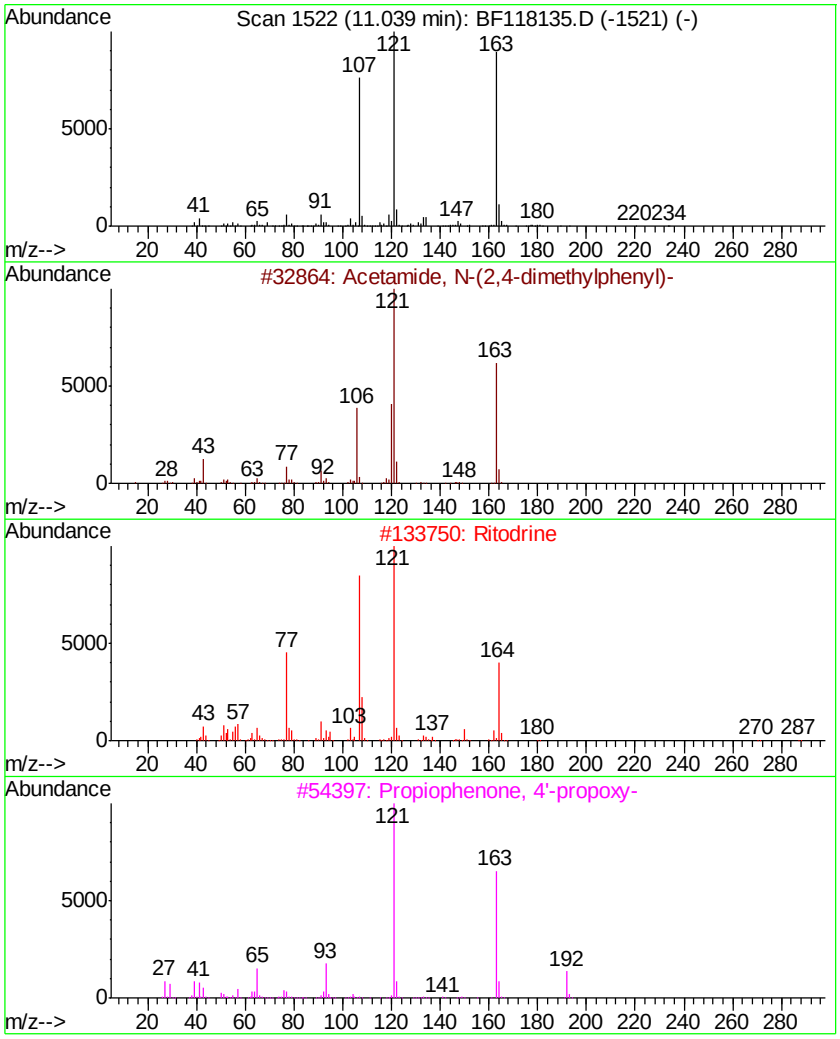
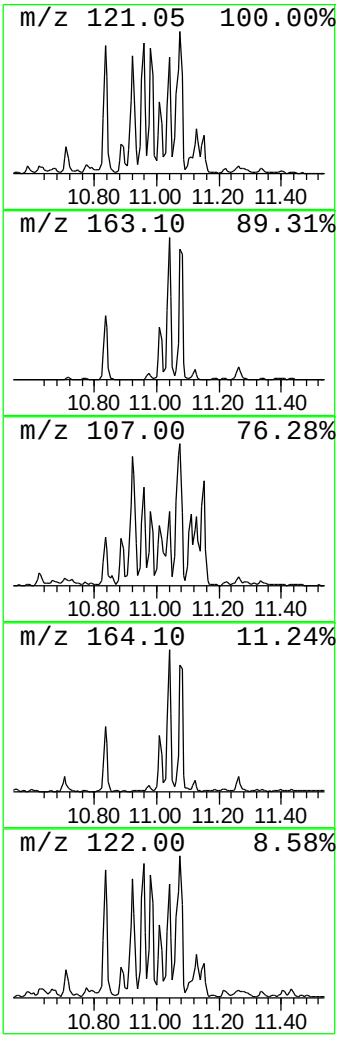
Peak Number 10 Acetamide, N-(2,4-dimethylp... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	22.25 ng	1201590	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	50
2	Ritodrine	287	C17H21NO3	026652-09-5	50
3	Propiophenone, 4'-propoxy-	192	C12H16O2	005736-87-8	47
4	Propanal, 2-(4-ethoxyphenyl)-2-m...	192	C12H16O2	093622-71-0	43
5	N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	40





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

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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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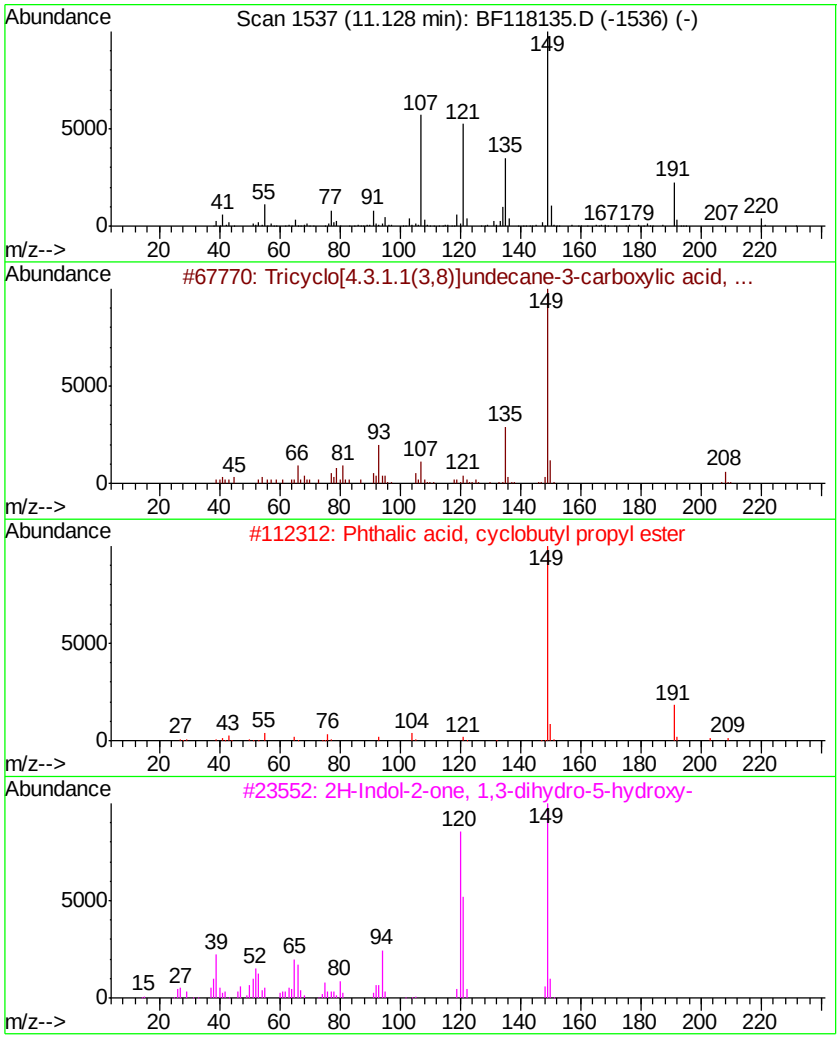
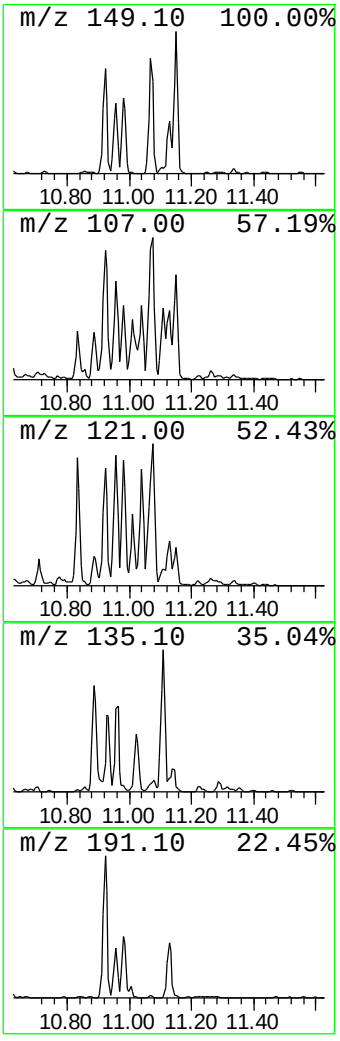
Peak Number 13 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	29.73 ng	1605580	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	50
2	Phthalic acid, cyclobutyl propyl...	262	C15H18O4	1000315-41-2	43
3	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	38
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	38
5	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	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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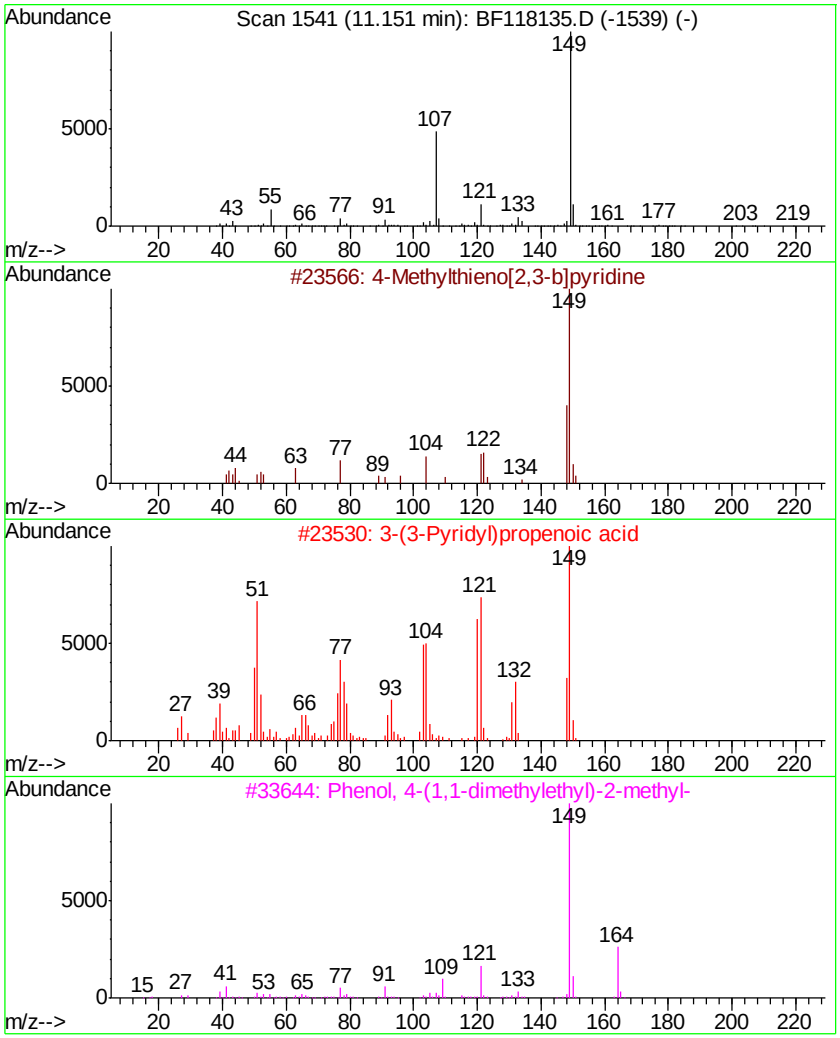
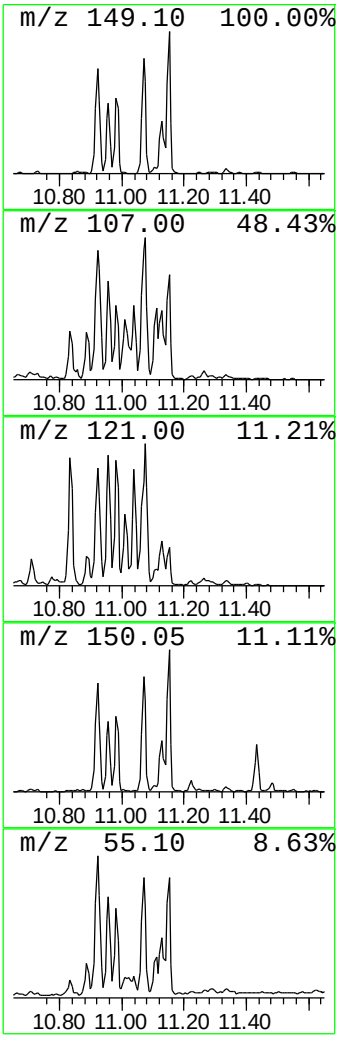
Peak Number 14 4-Methylthieno[2,3-b]pyridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	43.56 ng	2352520	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	50
2	3-(3-Pyridyl)propenoic acid	149	C8H7NO2	001126-74-5	43
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
4	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	36
5	Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	33





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : P001-WC002

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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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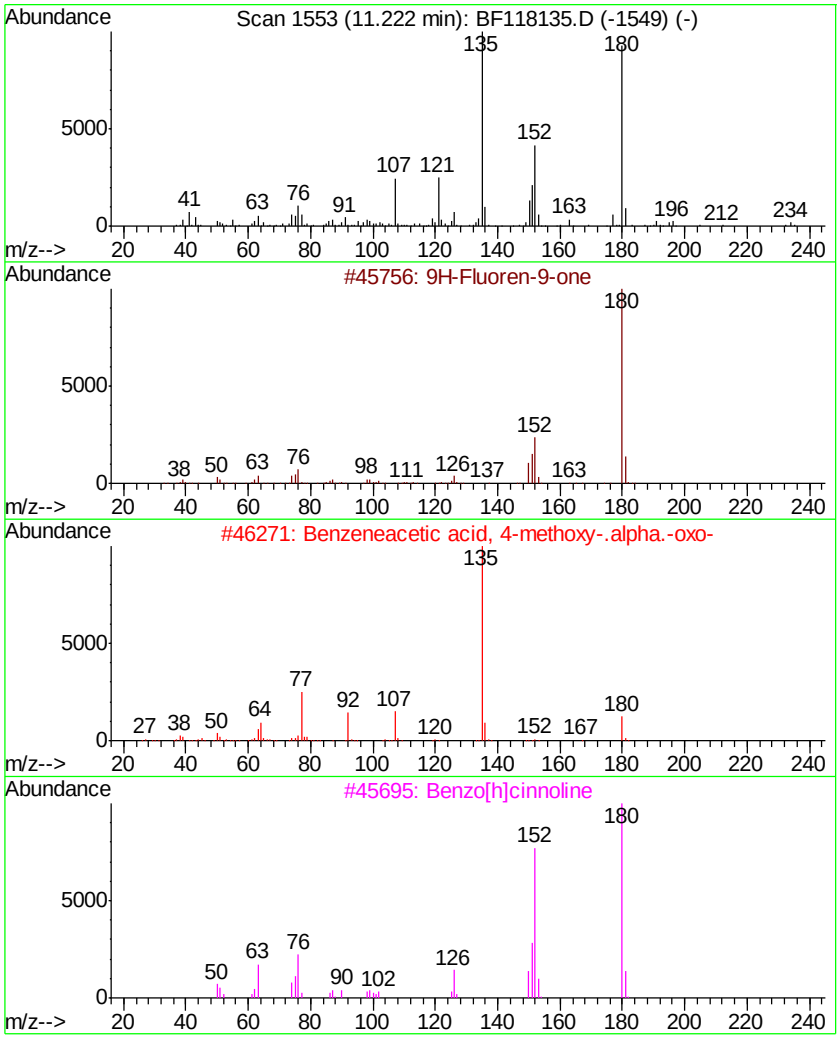
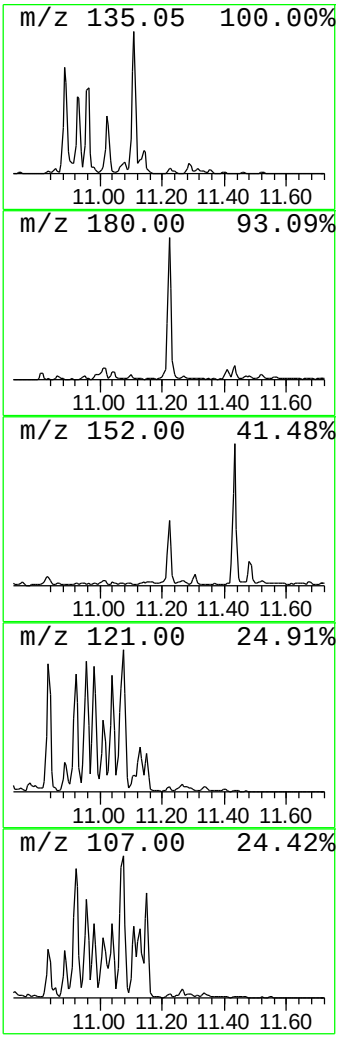
Peak Number 15 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	7.29 ng	393460	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2	Benzeneacetic acid, 4-methoxy-.a...	180	C9H8O4	007099-91-4	49
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	43
5	Diphenic anhydride	224	C14H8O3	006050-13-1	43





Library Search Compound Report

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Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

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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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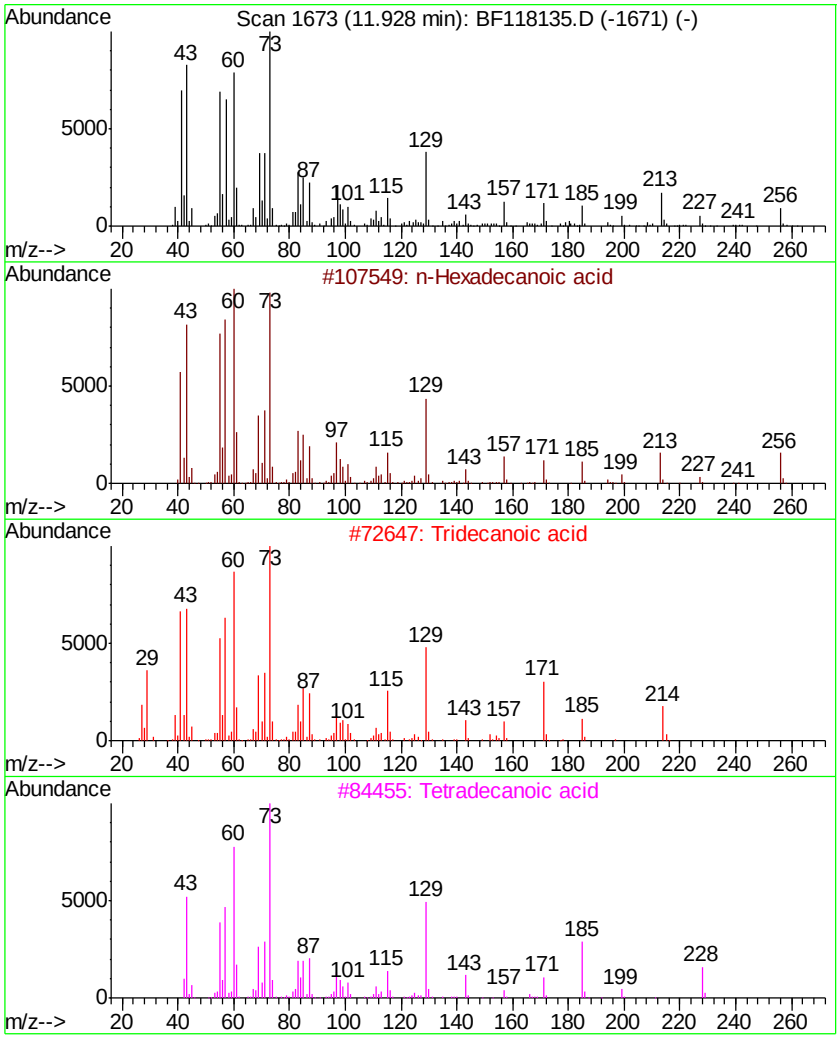
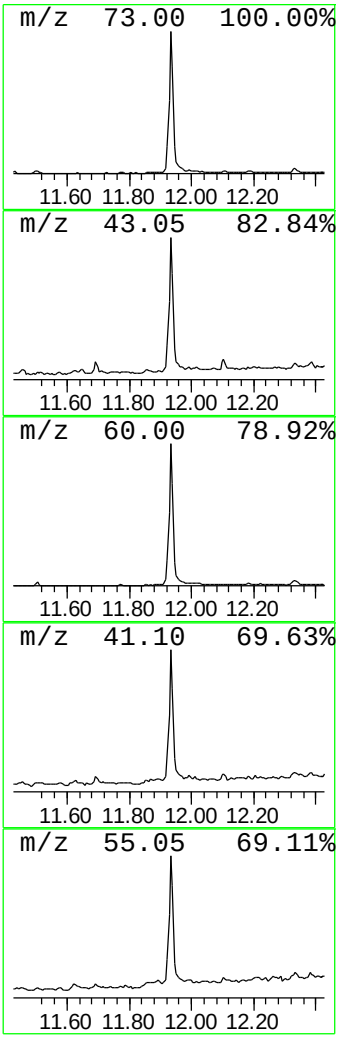
Peak Number 16 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	23.75 ng	1282790	Phenanthrene-d10	11.41

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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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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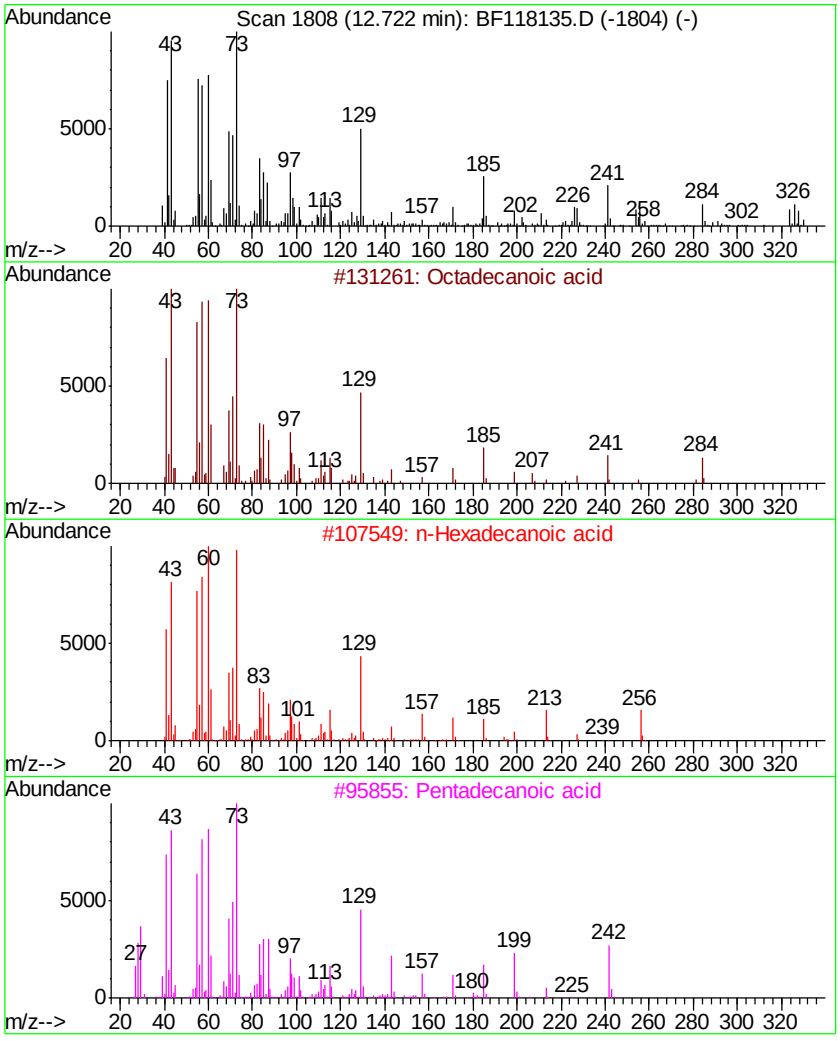
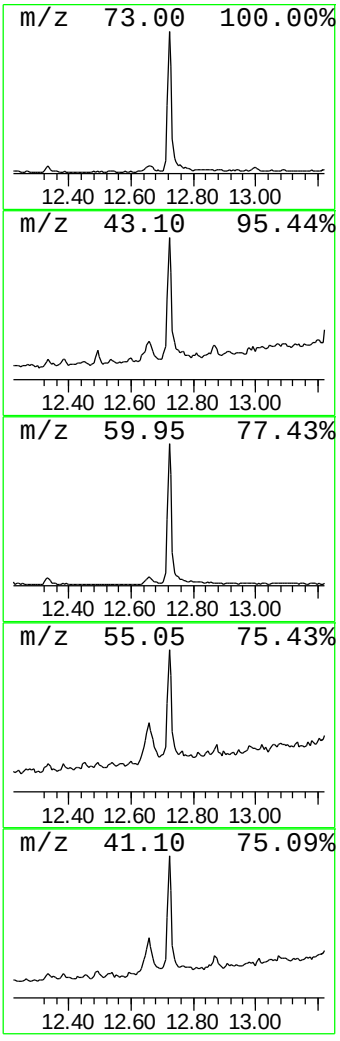
Peak Number 17 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	17.78 ng	959952	Phenanthrene-d10	11.41

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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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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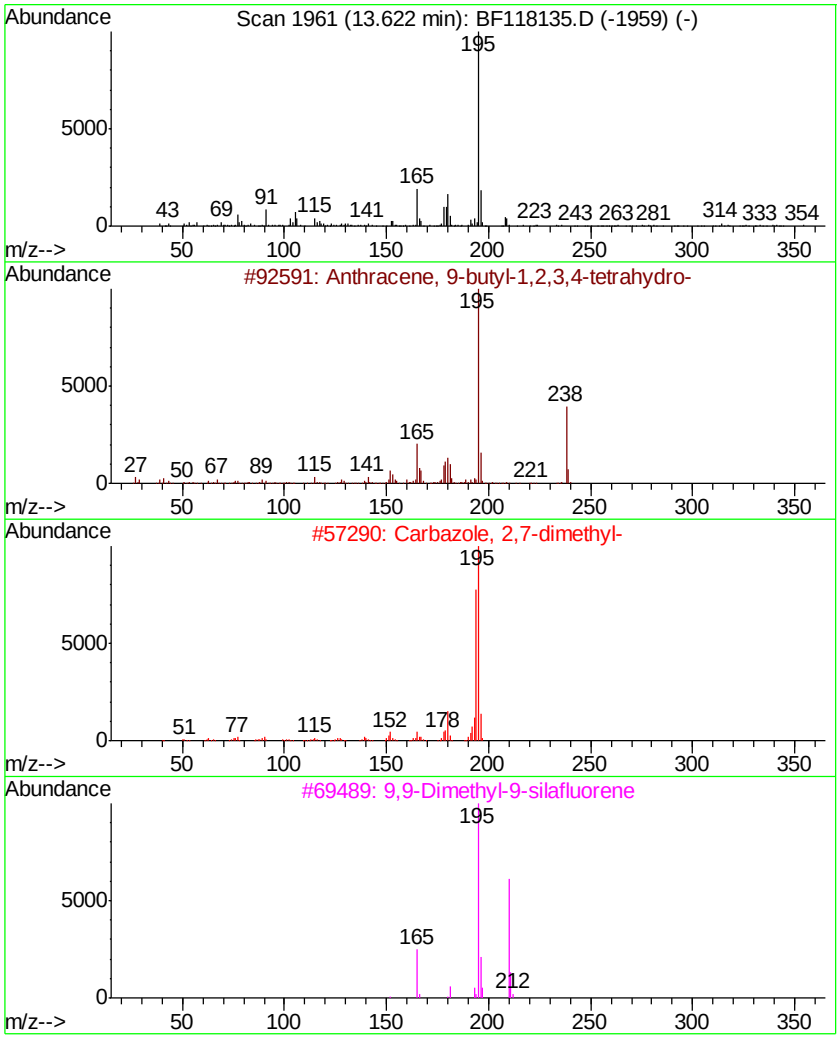
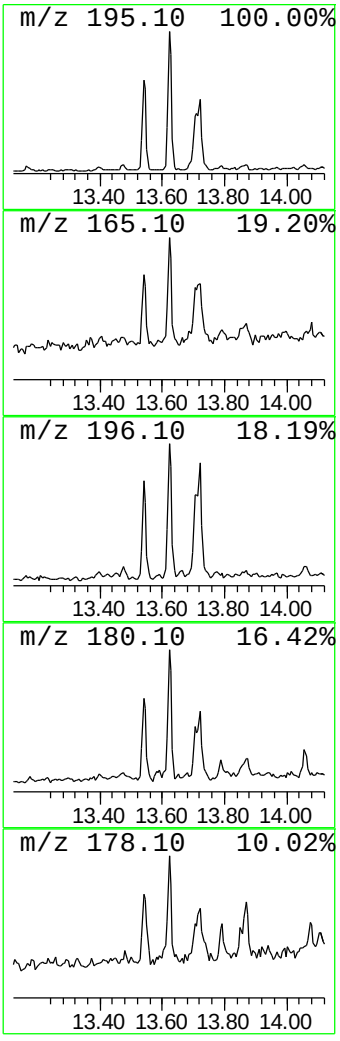
Peak Number 18 Anthracene, 9-butyl-1,2,3,4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	7.04 ng	279707	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	78
2	Carbazole, 2,7-dimethyl-	195	C14H13N	018992-65-9	64
3	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	53
4	9H-Fluoren-3-ol, 9,9-dimethyl-	210	C15H14O	1000141-55-1	53
5	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	53





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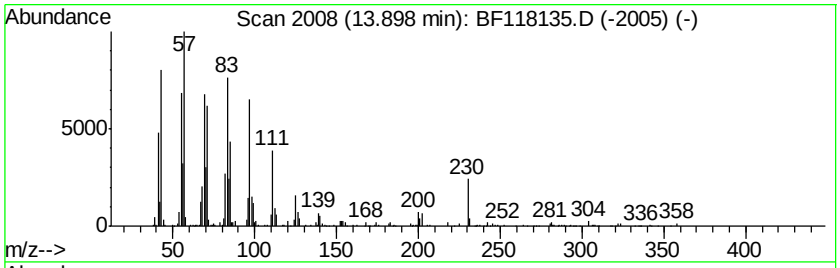
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

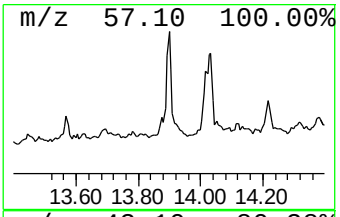
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

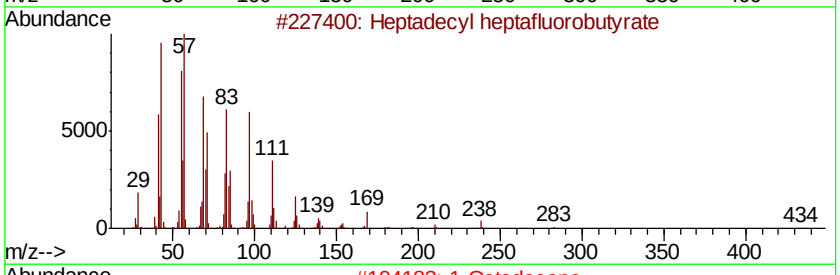
****
Peak Number 19 Heptadecyl heptafluorobutyrate Concentration Rank 17

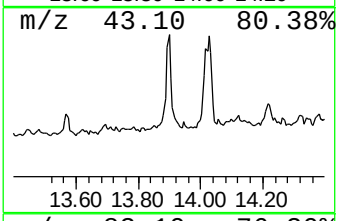
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	9.55 ng	379464	Chrysene-d12	14.06

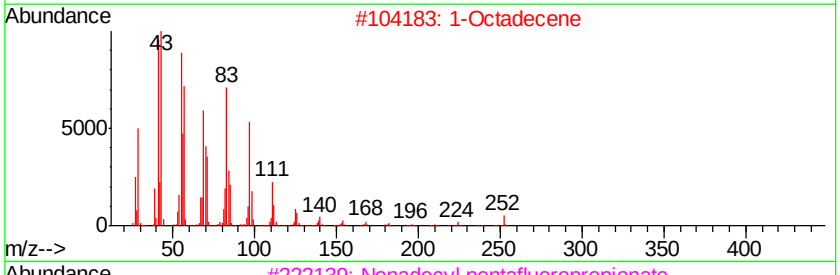
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	1-Octadecene	252	C18H36	000112-88-9	90
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	89
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	89

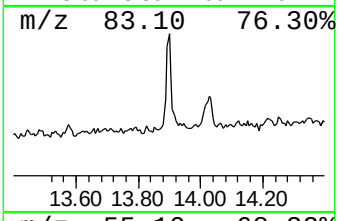


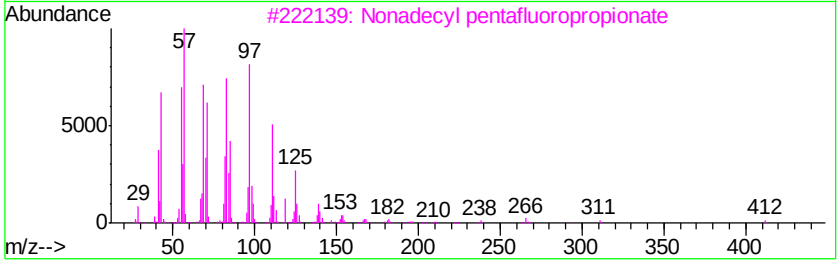


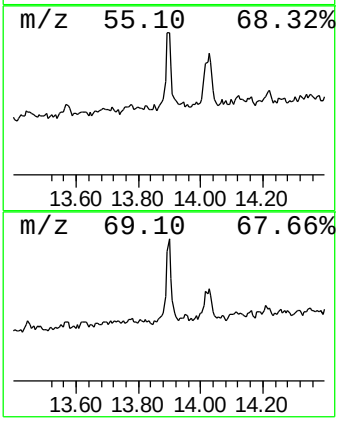












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

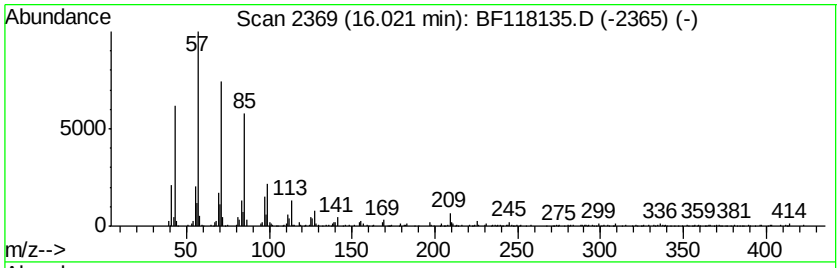
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

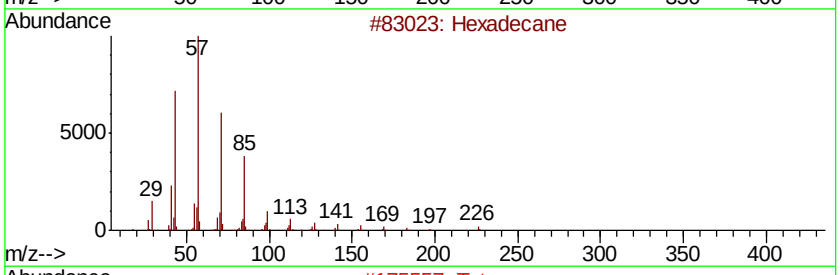
****

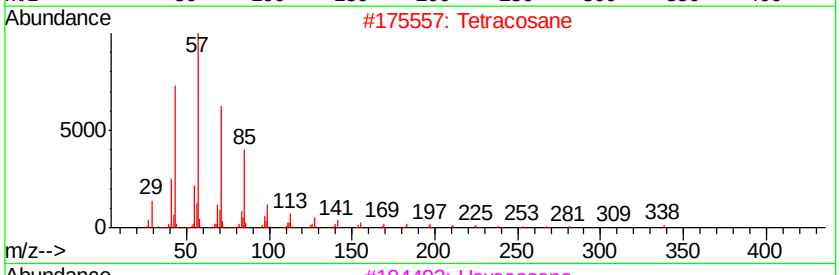
Peak Number 20 Hexadecane Concentration Rank 18

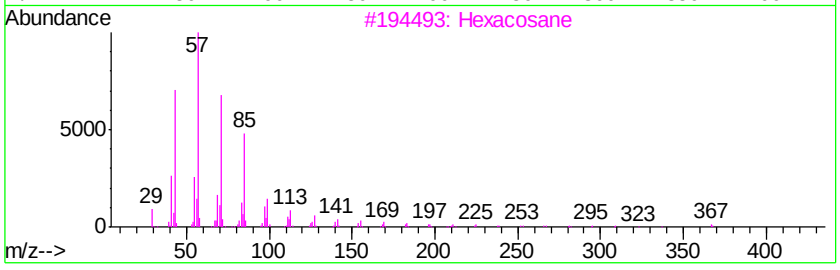
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	9.04 ng	441244	Perylene-d12	15.56

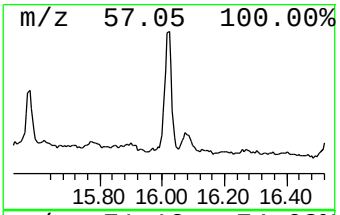
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetracosane	338	C24H50	000646-31-1	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	90

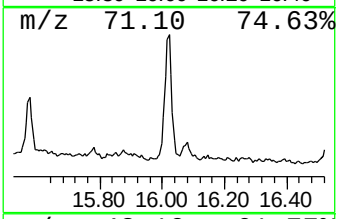


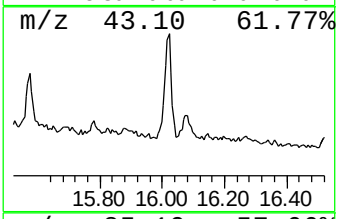


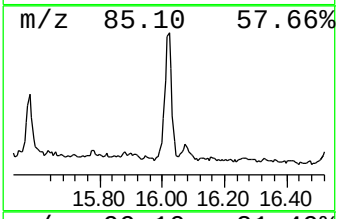


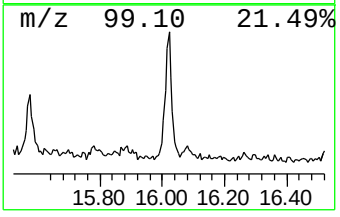












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118135.D
Acq On : 7 Dec 2019 18:02
Operator : JU
Sample : K6147-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WC002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
2-Pentanone, 4-hy...	5.08	12.8	ng	455969	1	6.86	710588	20.0
unknown6.63	6.63	77.2	ng	2741240	1	6.86	710588	20.0
unknown10.83	10.83	32.0	ng	1730610	4	11.41	1080120	20.0
Phenol, 4-(1,1,3,...	10.89	54.4	ng	2939550	4	11.41	1080120	20.0
Phenol, m-tert-bu...	10.93	98.8	ng	5333060	4	11.41	1080120	20.0
Phenol, p-tert-bu...	10.96	78.3	ng	4230730	4	11.41	1080120	20.0
Phenol, 2-(1,1-di...	10.98	40.6	ng	2192590	4	11.41	1080120	20.0
m-Anisic acid, 4-...	11.02	59.4	ng	3205430	4	11.41	1080120	20.0
Acetamide, N-(2,4...	11.04	22.3	ng	1201590	4	11.41	1080120	20.0
Tricyclo[4.3.1.1(...	11.13	29.7	ng	1605580	4	11.41	1080120	20.0
4-Methylthieno[2,...	11.15	43.6	ng	2352520	4	11.41	1080120	20.0
9H-Fluoren-9-one	11.22	7.3	ng	393460	4	11.41	1080120	20.0
n-Hexadecanoic acid	11.93	23.8	ng	1282790	4	11.41	1080120	20.0
Octadecanoic acid	12.72	17.8	ng	959952	4	11.41	1080120	20.0
Anthracene, 9-but...	13.62	7.0	ng	279707	5	14.06	794921	20.0
Heptadecyl heptaf...	13.90	9.6	ng	379464	5	14.06	794921	20.0
Hexadecane	16.02	9.0	ng	441244	6	15.56	976717	20.0