LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103316.D
Acq On : 1 Mar 2018 1:37
Operator : SJ/JU
Sample : J1720-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-43

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.140	4	9	18	rVB	241058	305634	8.49%	0.838%
2	5.110	511	514	526	rVB	97152	130950	3.64%	0.359%
3	5.498	576	580	601	rVB	3315565	3600917	100.00%	9.878%
4	6.510	748	752	765	rBV	3032274	3467397	96.29%	9.511%
5	6.645	771	775	779	rBV	3362238	3379417	93.85%	9.270%
6	6.875	810	814	820	rBV	1038429	906898	25.19%	2.488%
7	7.028	836	840	844	rBV	2606364	2629057	73.01%	7.212%
8	7.439	906	910	913	rBV	2327624	2179267	60.52%	5.978%
9	8.157	1028	1032	1035	rBV	1221415	1087736	30.21%	2.984%
10	8.875	1150	1154	1157	rBV	52159	58249	1.62%	0.160%
11	9.233	1210	1215	1224	rBV	2957563	3014057	83.70%	8.268%
12	9.298	1224	1226	1229	rVB	75521	63736	1.77%	0.175%
13	9.622	1275	1281	1288	rBV	271672	291997	8.11%	0.801%
14	9.775	1304	1307	1313	rBV	76807	81537	2.26%	0.224%
15	9.828	1313	1316	1320	rBV	133982	110109	3.06%	0.302%
16	9.916	1327	1331	1334	rBV	1001984	892594	24.79%	2.448%
17	9.945	1334	1336	1340	rVB	65238	55716	1.55%	0.153%
18	10.122	1362	1366	1369	rBV2	48244	50857	1.41%	0.140%
19	10.151	1369	1371	1375	rVB3	41312	37899	1.05%	0.104%
20	10.327	1394	1401	1404	rBV	152725	152340	4.23%	0.418%
21	10.463	1421	1424	1430	rVB2	50302	54884	1.52%	0.151%
22	10.551	1434	1439	1441	rBV2	47736	53787	1.49%	0.148%
23	10.657	1455	1457	1462	rBV2	33556	53607	1.49%	0.147%
24	10.710	1462	1466	1474	rVV	1259546	1364548	37.89%	3.743%
25	10.804	1479	1482	1483	rBV	119474	94429	2.62%	0.259%
26	10.827	1483	1486	1488	rVB	145552	141009	3.92%	0.387%
27	10.875	1491	1494	1497	rBV	309145	297882	8.27%	0.817%
28	10.910	1497	1500	1503	rVB2	301698	332246	9.23%	0.911%
29	10.945	1503	1506	1508	rBV	323171	260750	7.24%	0.715%
30	10.969	1508	1510	1512	rVB	187039	129841	3.61%	0.356%
31	10.998	1512	1515	1516	rBV	81951	79294	2.20%	0.218%
32	11.057	1522	1525	1528	rVB3	248890	267178	7.42%	0.733%
33	11.092	1528	1531	1533	rVV	321197	261005	7.25%	0.716%
34	11.133	1536	1538	1542	rVB2	180261	150445	4.18%	0.413%

LSC Area Percent Report

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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35	11.216	1548	1552	1555	rBV	51805	59197	1.64%	0.162%
36	11.251	1555	1558	1561	rBV2	80935	71905	2.00%	0.197%
37	11.404	1580	1584	1586	rBV	820855	726845	20.18%	1.994%
38	11.427	1586	1588	1594	rVV	507776	450218	12.50%	1.235%
39	11.480	1594	1597	1602	rVV	144035	135373	3.76%	0.371%
40	11.639	1621	1624	1628	rVB2	40504	44493	1.24%	0.122%
41	11.916	1667	1671	1673	rBV2	115164	158054	4.39%	0.434%
42	11.933	1673	1674	1680	rVB2	108760	95085	2.64%	0.261%
43	11.986	1680	1683	1686	rBV	49340	51840	1.44%	0.142%
44	12.022	1686	1689	1691	rBV	137502	134016	3.72%	0.368%
45	12.204	1717	1720	1722	rBV	66082	56922	1.58%	0.156%
46	12.239	1723	1726	1730	rVB	54784	53209	1.48%	0.146%
47	12.457	1760	1763	1765	rBV	72016	70971	1.97%	0.195%
48	12.551	1775	1779	1782	rBV2	66376	81704	2.27%	0.224%
49	12.621	1788	1791	1795	rBV	978024	895031	24.86%	2.455%
50	12.857	1824	1831	1837	rBV	973829	1207164	33.52%	3.311%
51	12.904	1837	1839	1846	rVB3	60686	61740	1.71%	0.169%
52	12.992	1849	1854	1857	rVV	2056904	1974487	54.83%	5.416%
53	13.016	1857	1858	1861	rVB	69082	47127	1.31%	0.129%
54	13.074	1863	1868	1872	rBV2	71738	134857	3.75%	0.370%
55	13.180	1880	1886	1889	rBV	135260	178611	4.96%	0.490%
56	13.245	1895	1897	1900	rVB	84172	64938	1.80%	0.178%
57	13.286	1902	1904	1906	rVB2	75429	62111	1.72%	0.170%
58	13.380	1918	1920	1923	rBV	60935	52220	1.45%	0.143%
59	13.410	1923	1925	1931	rVV2	67753	95066	2.64%	0.261%
60	13.698	1971	1974	1978	rVB	93387	98546	2.74%	0.270%
61	13.804	1990	1992	1994	rBV	84995	60486	1.68%	0.166%
62	13.868	2000	2003	2007	rBV3	372938	376942	10.47%	1.034%
63	14.057	2030	2035	2038	rBV2	854456	1214580	33.73%	3.332%
64	14.086	2038	2040	2047	rVB	463928	413447	11.48%	1.134%
65	14.163	2051	2053	2055	rBV	84360	67784	1.88%	0.186%
66	15.121	2212	2216	2219	rBV	352043	491653	13.65%	1.349%
67	15.498	2277	2280	2284	rVB	292167	361314	10.03%	0.991%
68	15.562	2288	2291	2294	rVB	308431	370414	10.29%	1.016%

Sum of corrected areas: 36455619

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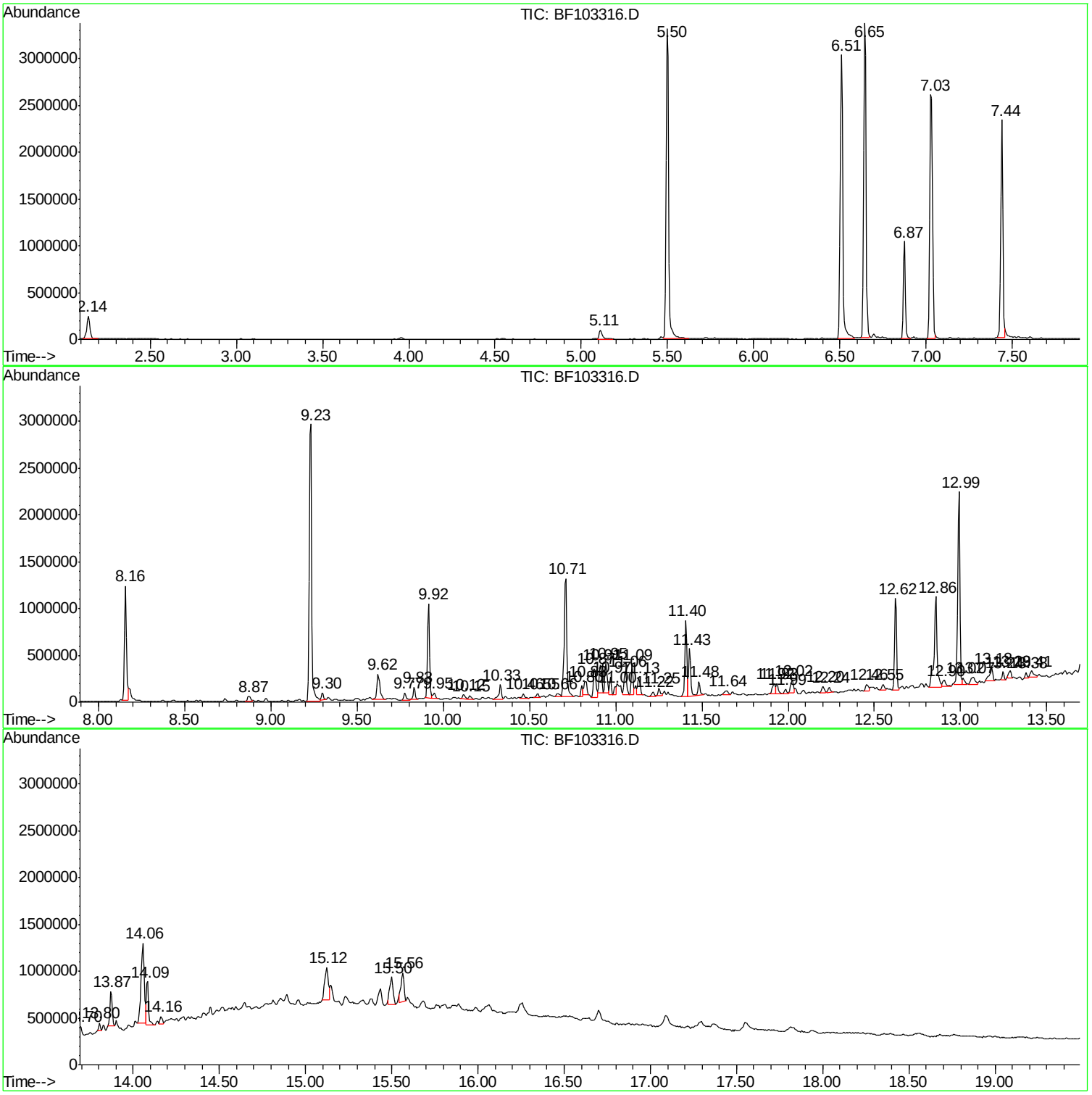
Instrument :
BNA_F
ClientSampleId :
SP-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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

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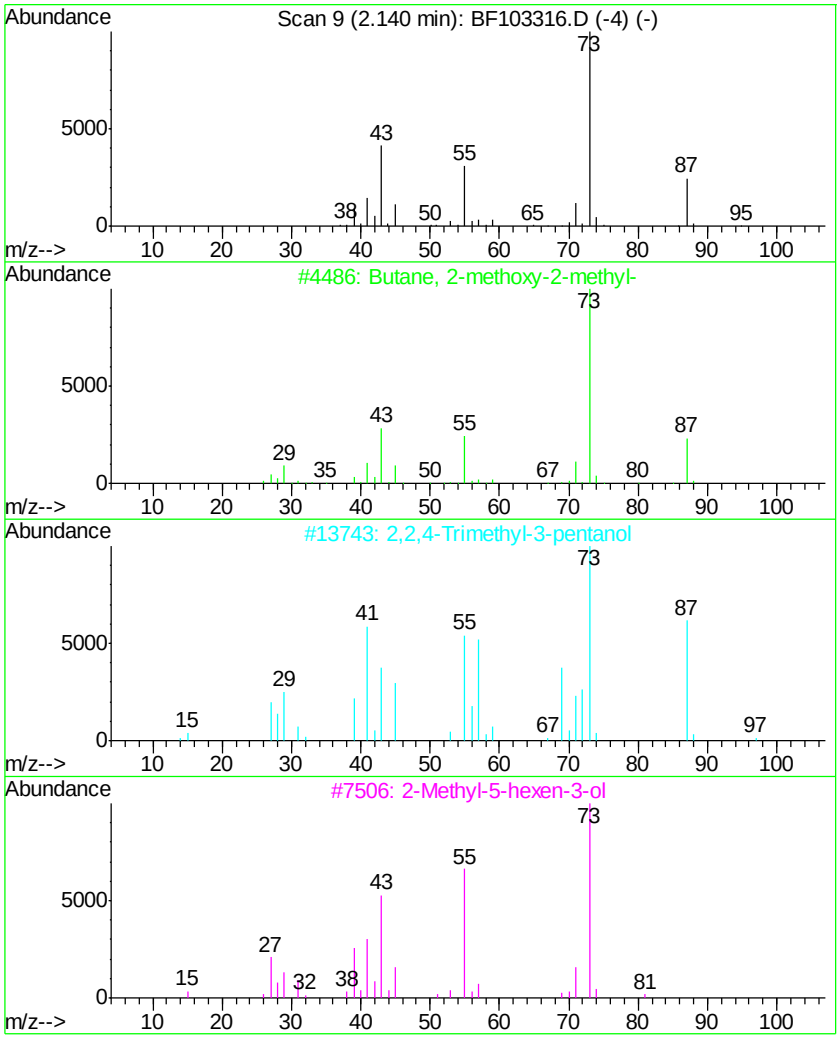
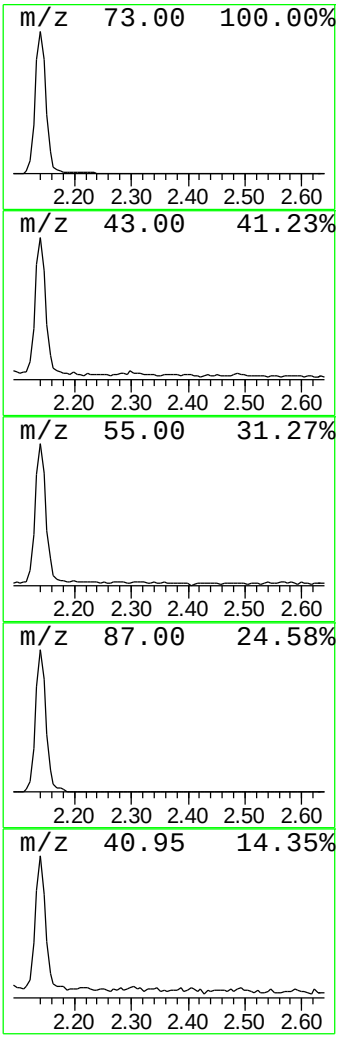
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	6.74 ng	305634	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17





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Operator : SJ/JU
Sample : J1720-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

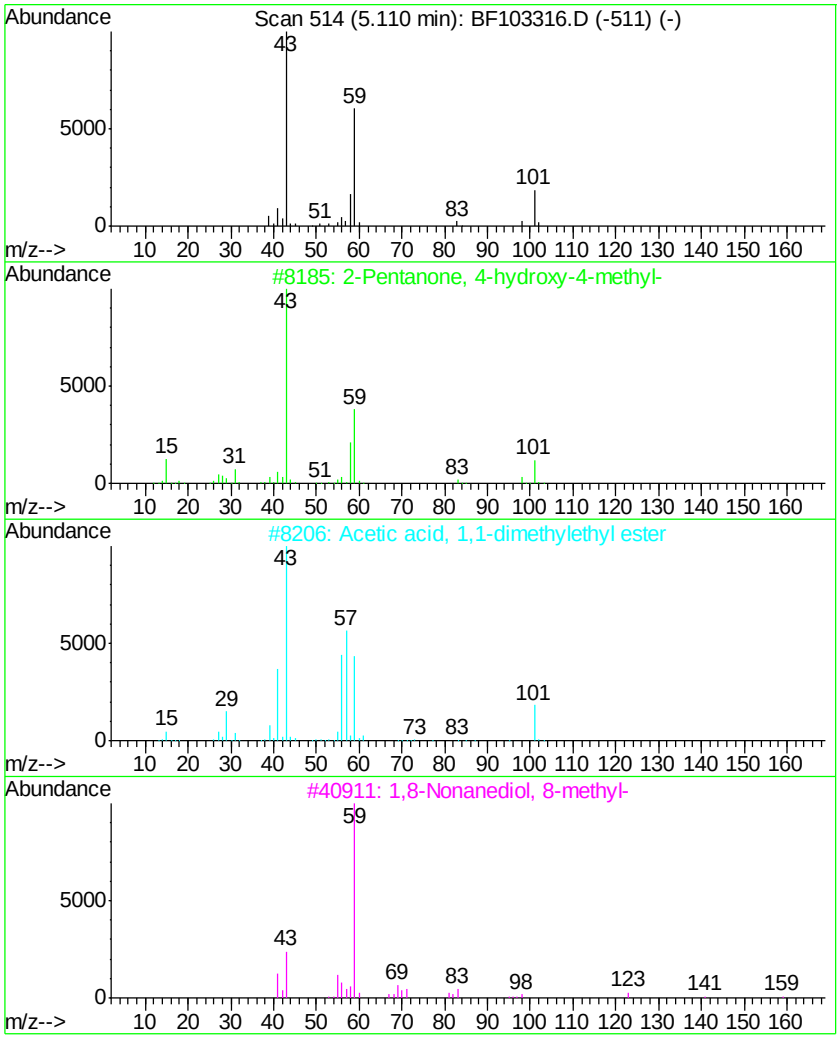
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

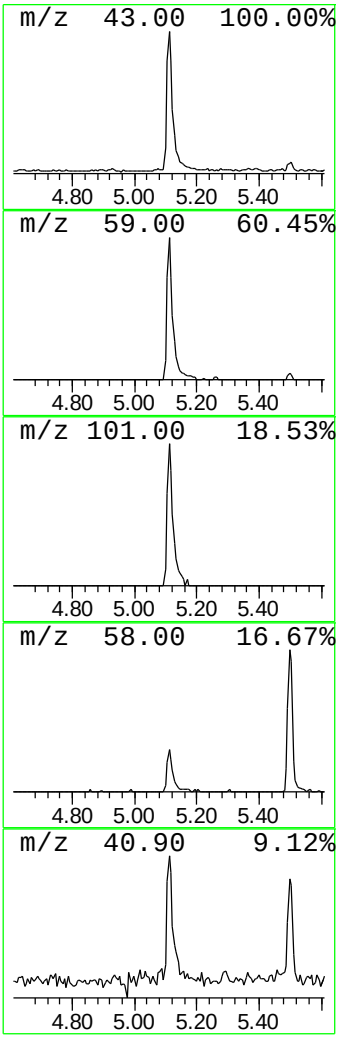
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.89 ng	130950	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-43

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
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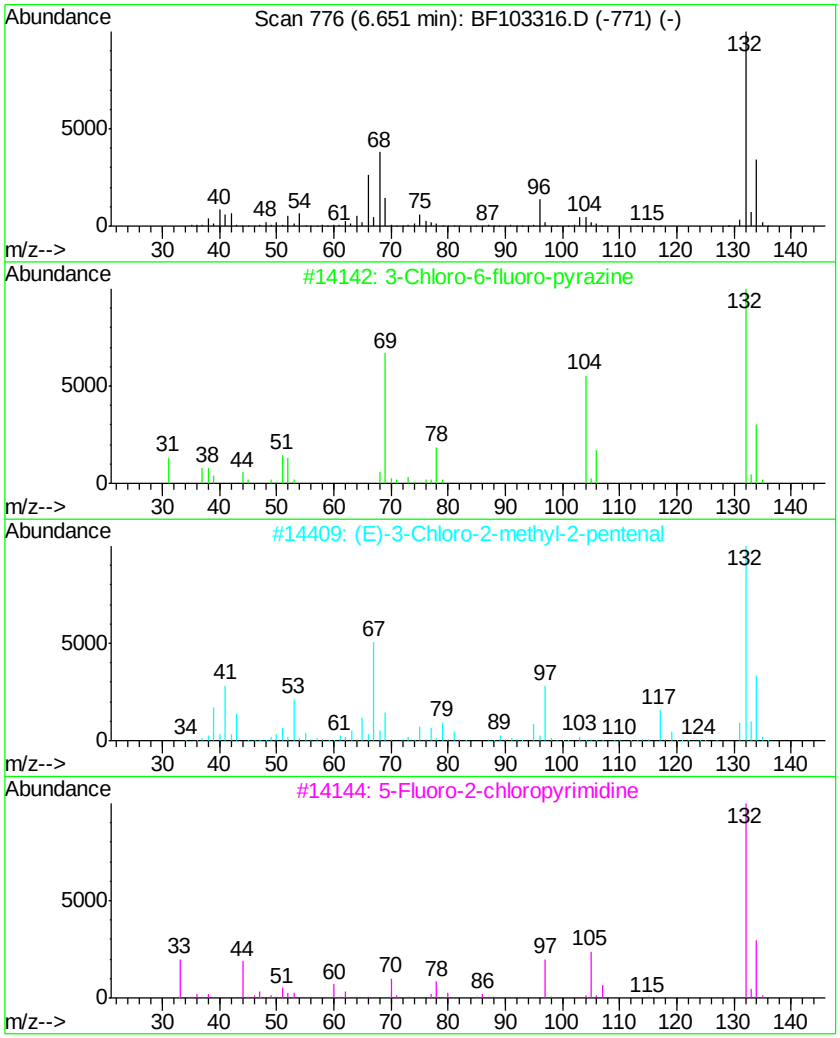
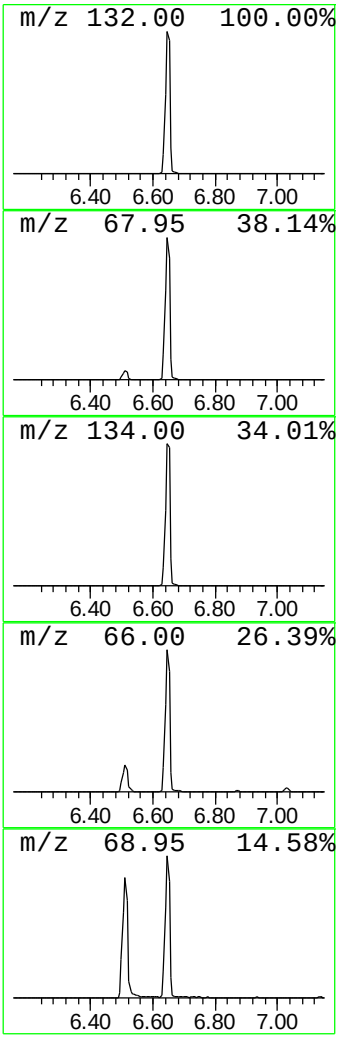
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	74.53 ng	3379420	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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TIC Library : C:\DATABASE\NIST11.L
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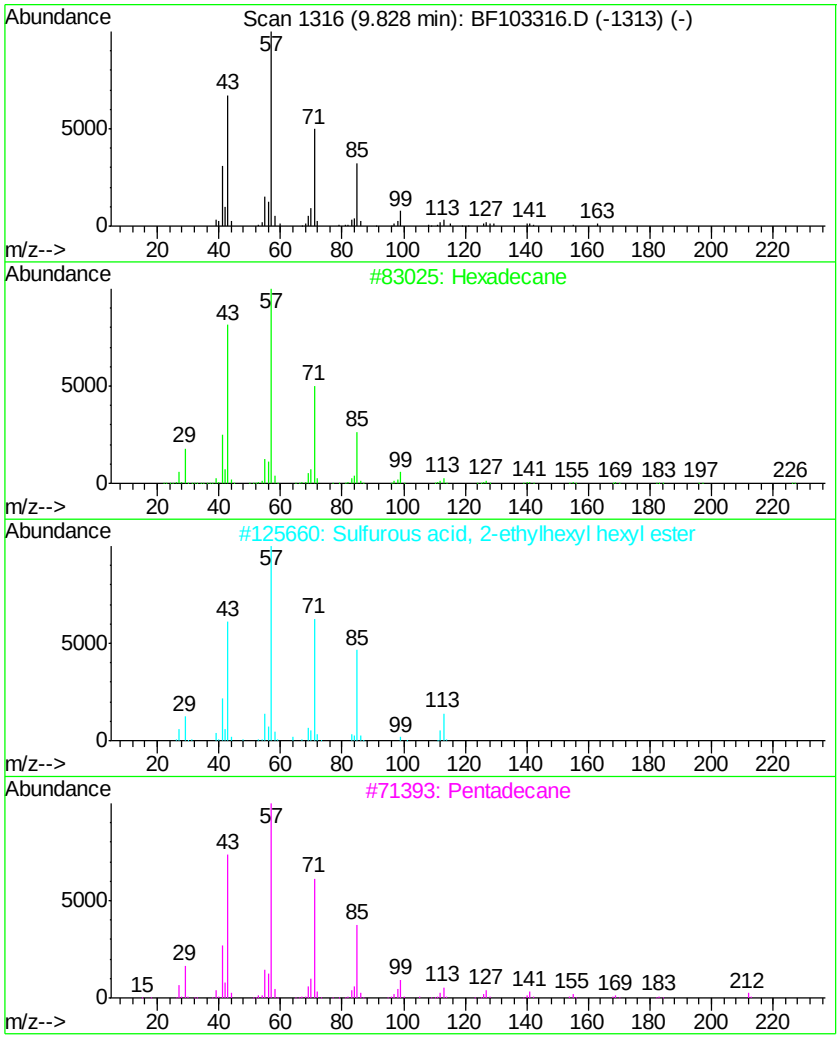
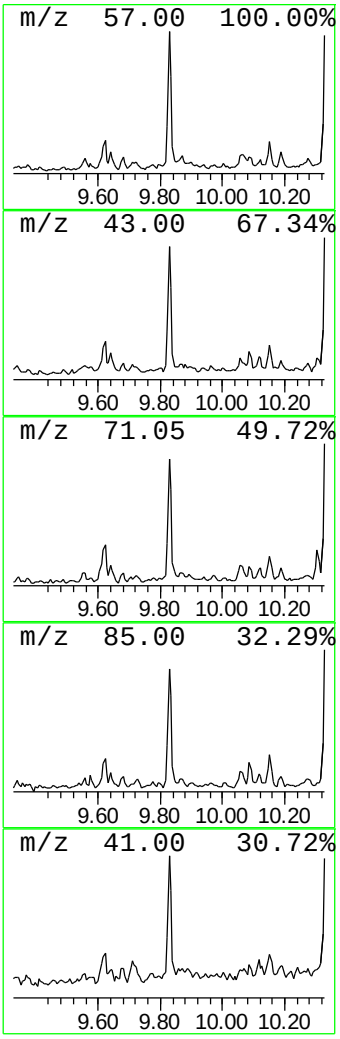
Peak Number 5 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.47 ng	110109	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	72
5	Tetradecane	198	C14H30	000629-59-4	72





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TIC Library : C:\DATABASE\NIST11.L
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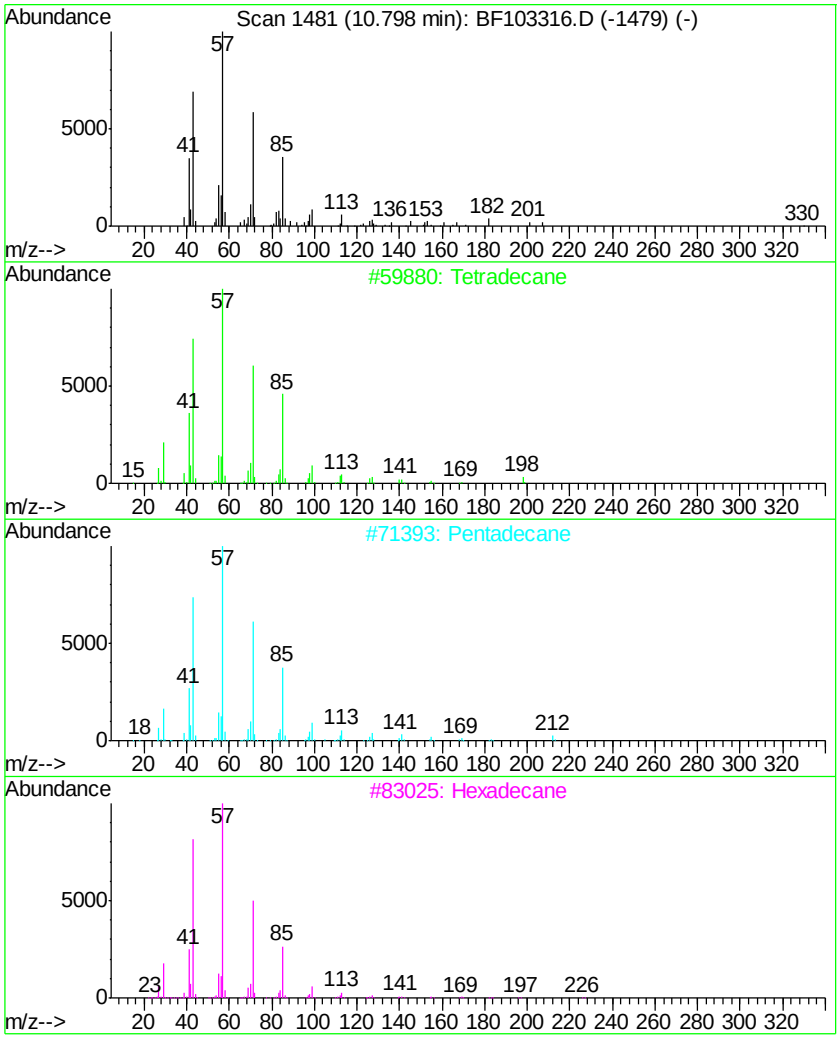
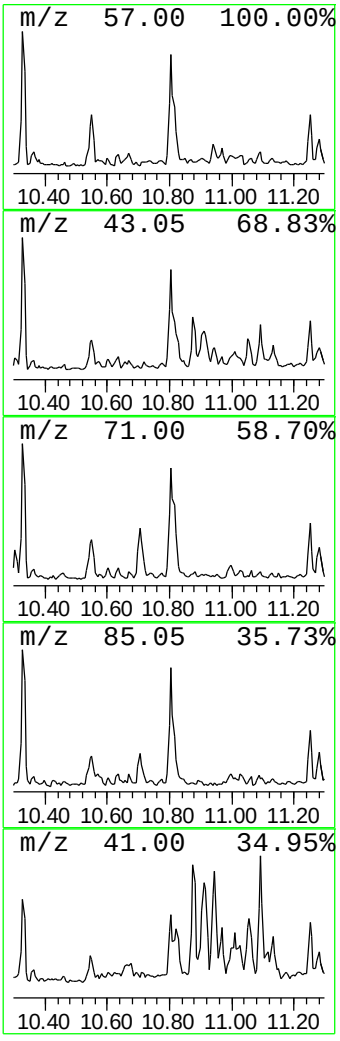
Peak Number 7 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.60 ng	94429	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Pentadecane	212	C15H32	000629-62-9	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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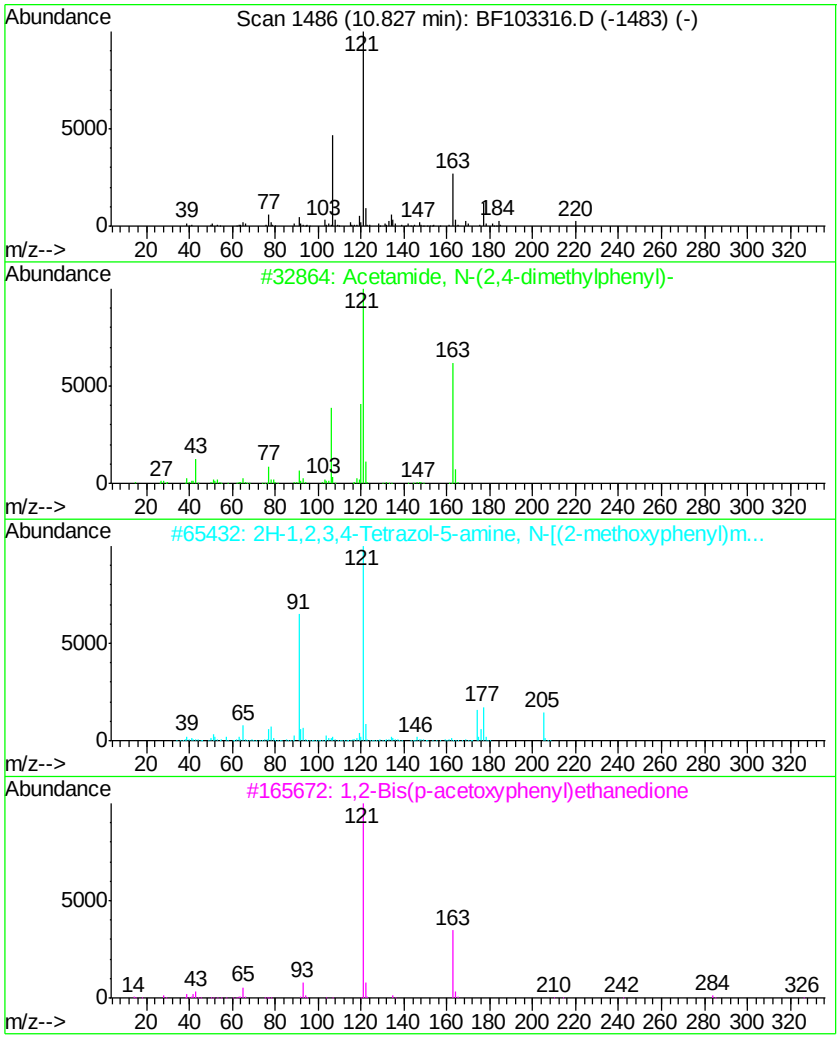
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

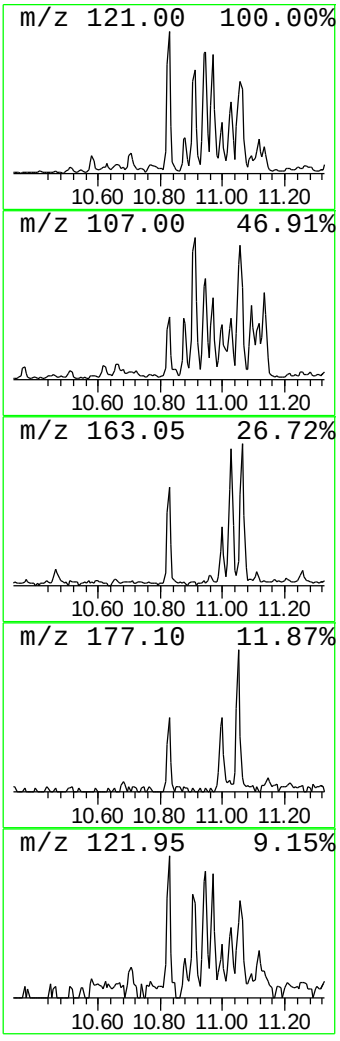
****

Peak Number 8 Acetamide, N-(2,4-dimethylp... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	3.88 ng	141009	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	52
2	2H-1,2,3,4-Tetrazol-5-amine, N-[...	205	C9H11N5O	1000337-56-1	47
3	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	47
4	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
5	6-[4-Methoxybenzyloxy]-8-nitrole...	324	C18H16N2O4	1000213-39-1	38





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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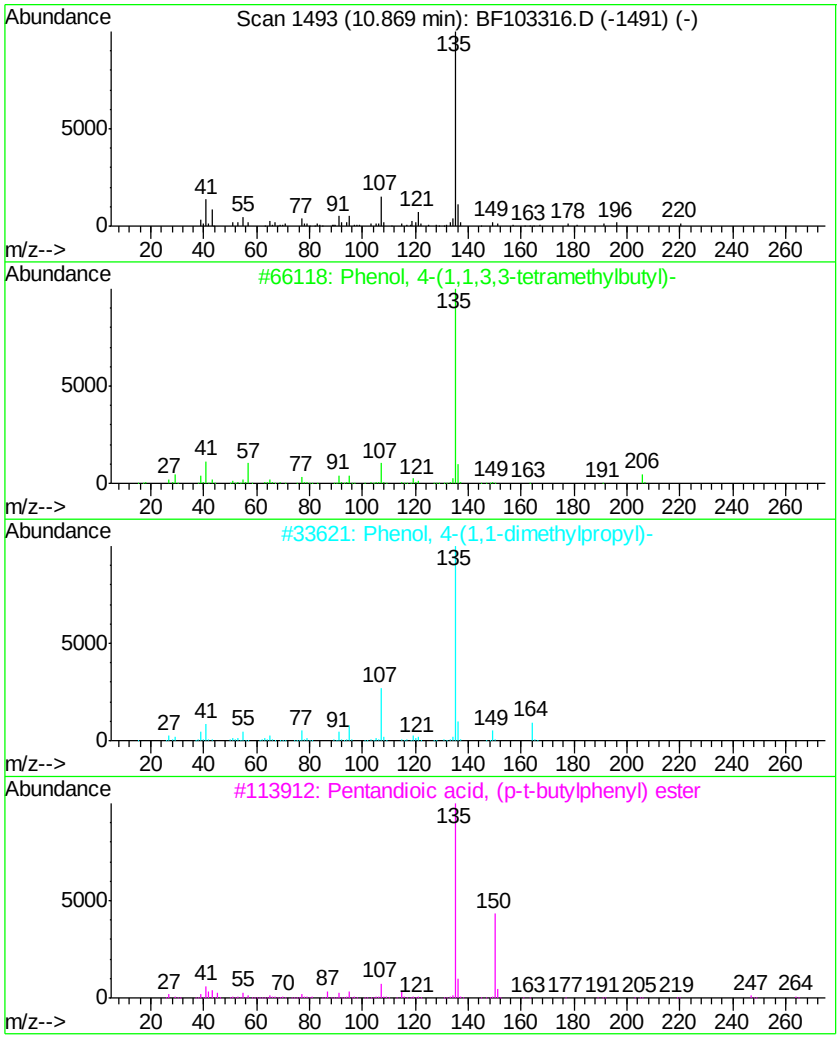
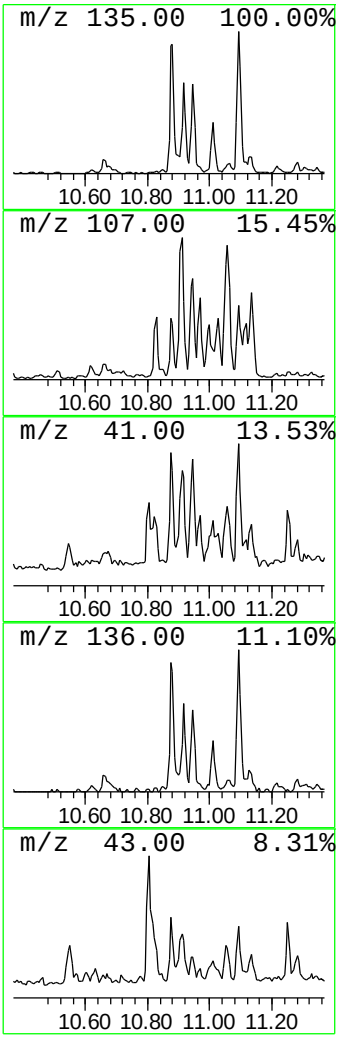
Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	8.20 ng	297882	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Pentandioic acid, (p-t-butylphen...	264	C15H20O4	212762-88-4	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





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Sample : J1720-11
Misc :
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ClientSampleId : SP-43

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TIC Integration Parameters: LSCINT.P

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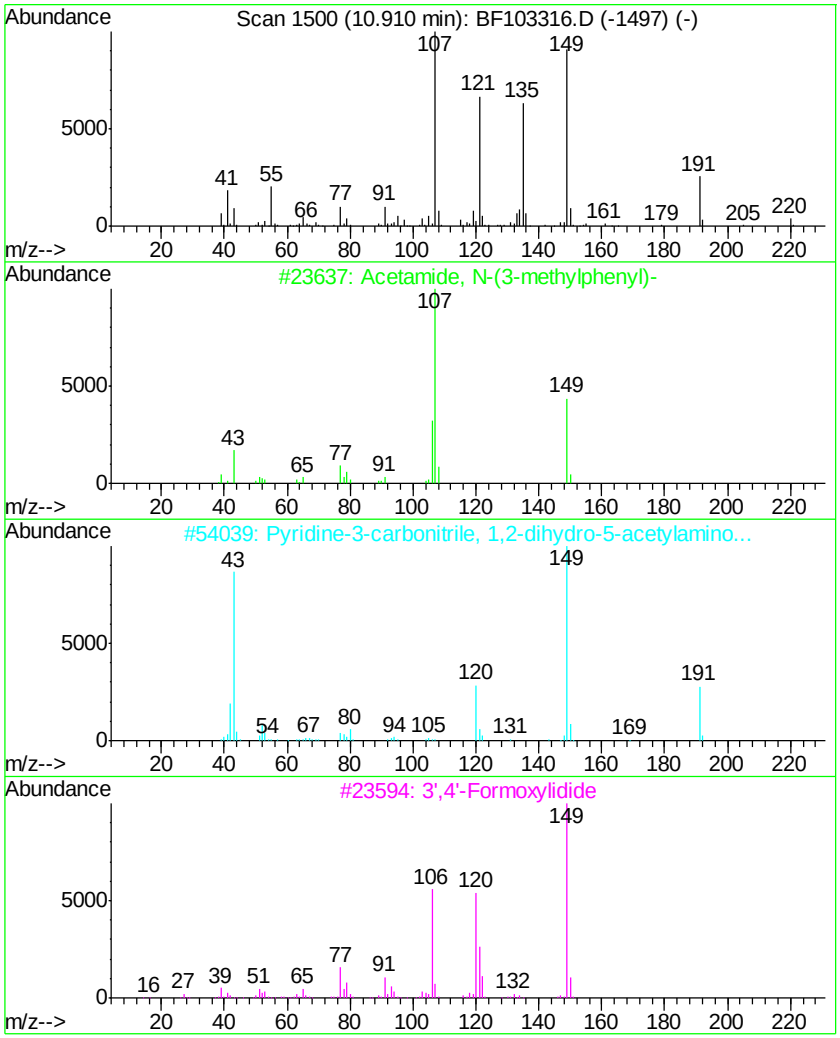
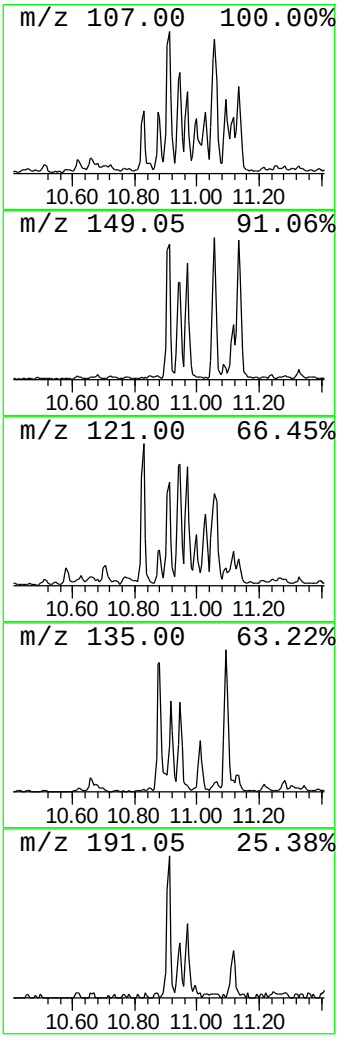
Peak Number 10 Acetamide, N-(3-methylphenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	9.14 ng	332246	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	50
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
3	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	27
4	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	27
5	Phenol, 4-butyl-	150	C10H14O	001638-22-8	25





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Instrument : BNA_F
ClientSampleId : SP-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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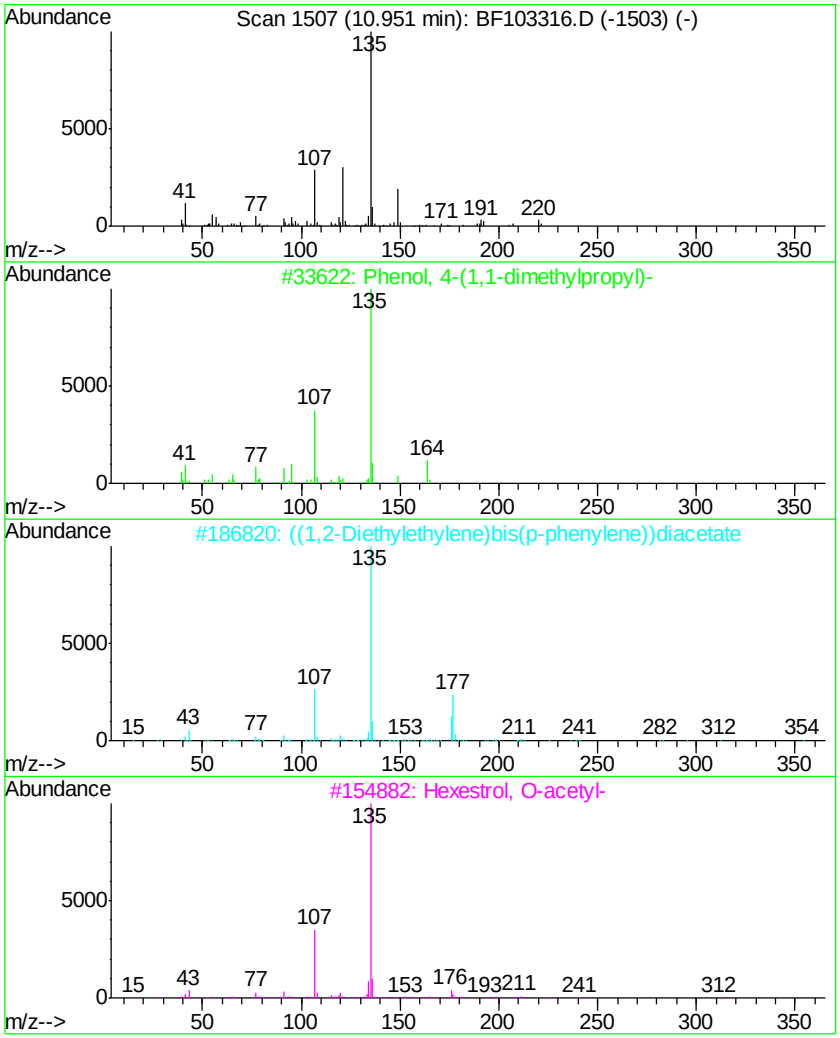
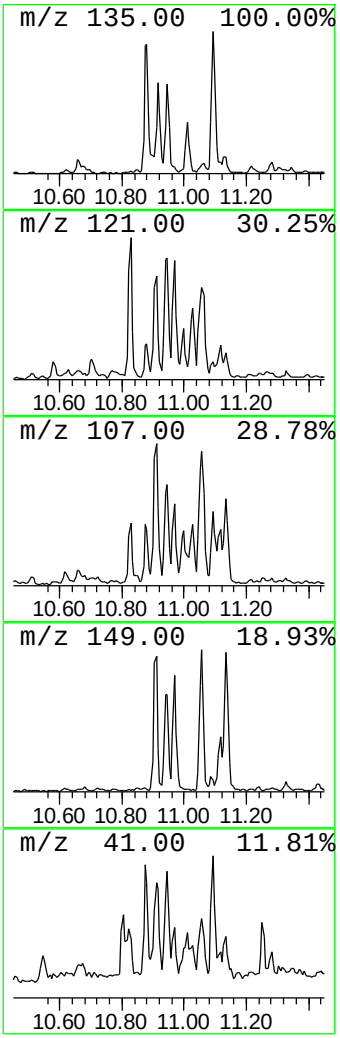
Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	7.17 ng	260750	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
3	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	59
4	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	53
5	Hexestrol	270	C18H22O2	000084-16-2	53





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ClientSampleId : SP-43

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TIC Integration Parameters: LSCINT.P

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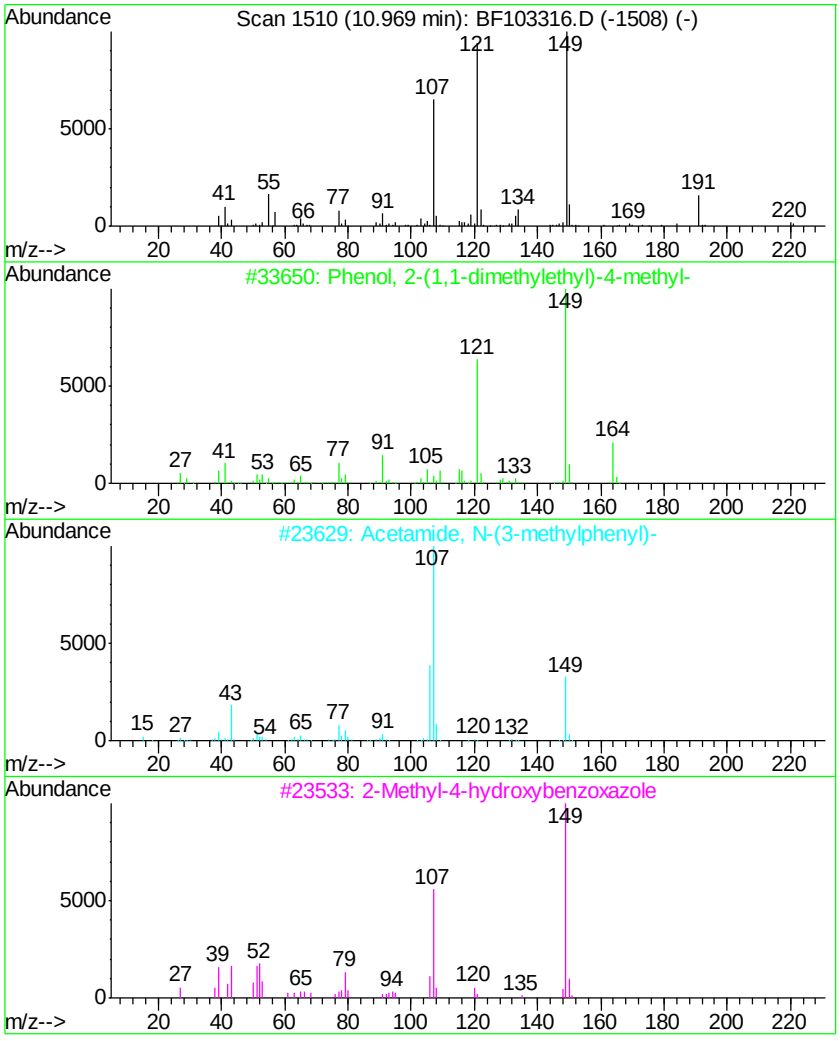
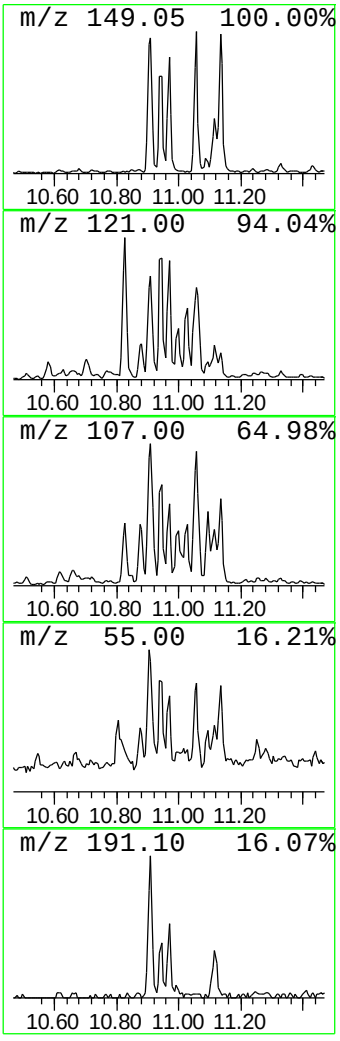
Peak Number 12 Phenol, 2-(1,1-dimethylethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.57 ng	129841	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





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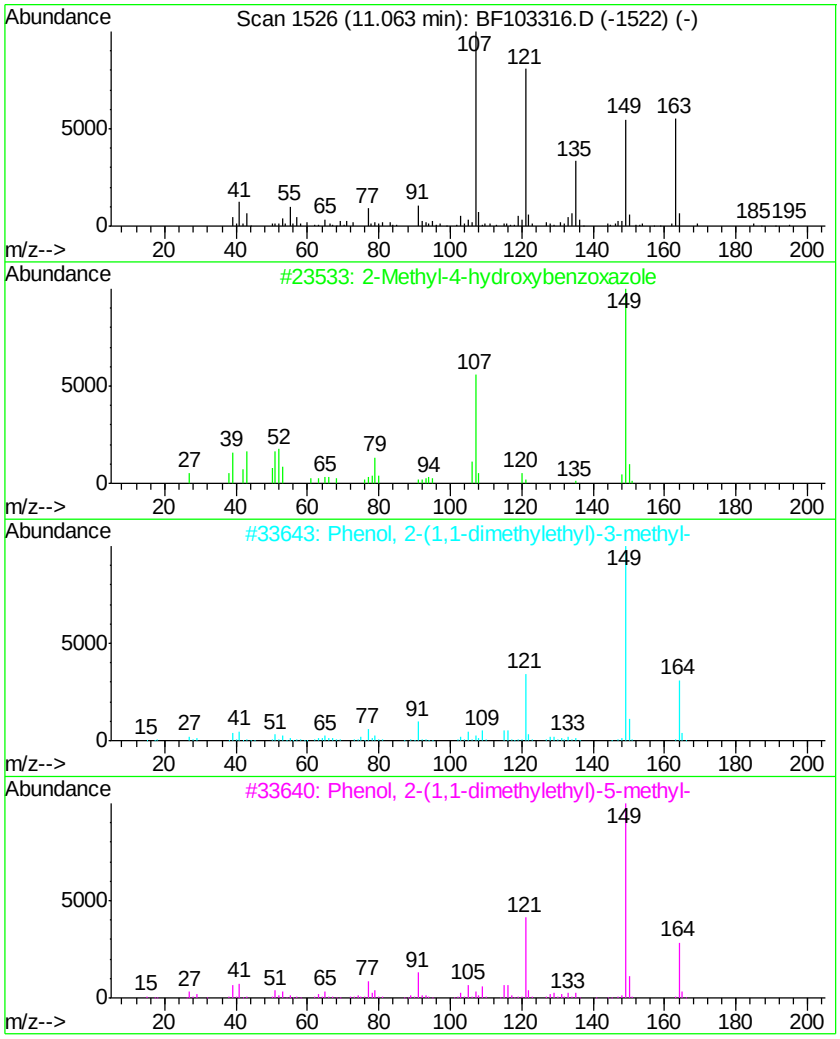
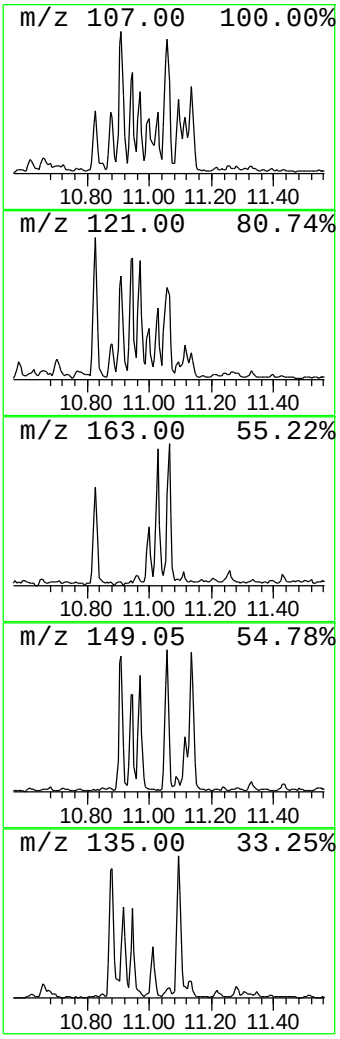
Peak Number 13 unknown11.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	7.35 ng	267178	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
2	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	38
3	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
4	1,2-propanedione,1-(3,4-methylen...	192	C10H8O4	1000378-93-0	35
5	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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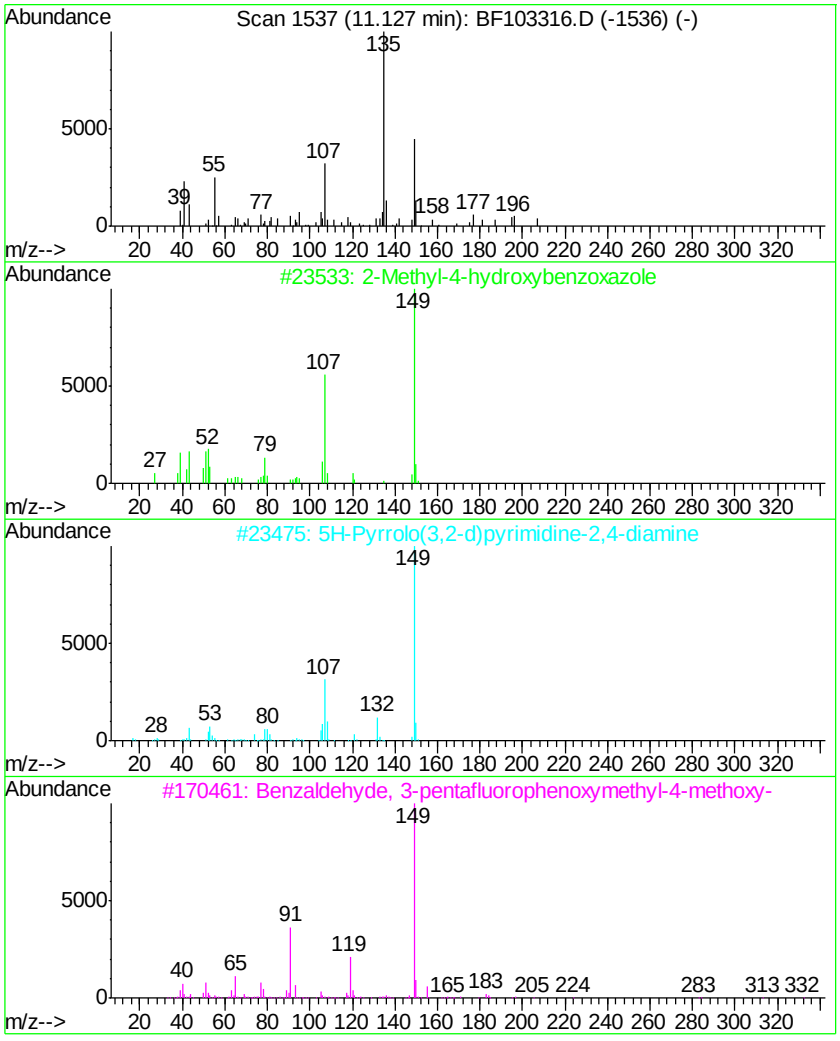
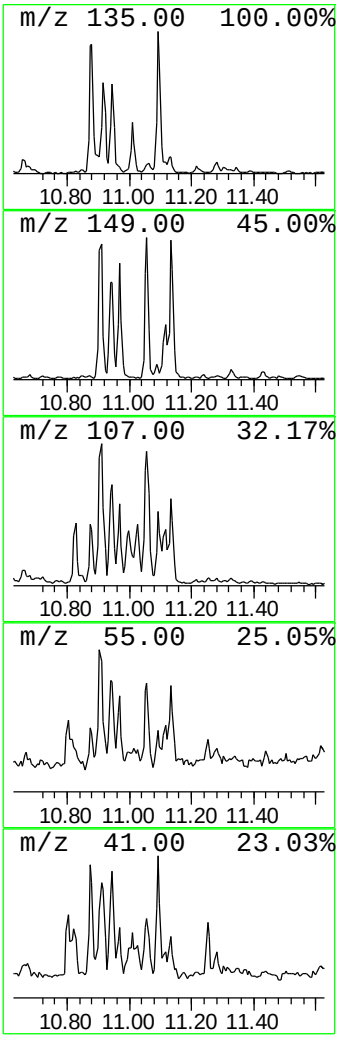
Peak Number 15 2-Methyl-4-hydroxybenzoxazole Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.14 ng	150445	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	59
3	Benzaldehyde, 3-pentafluoropheno...	332	C15H9F5O3	329222-68-6	38
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	37
5	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	32





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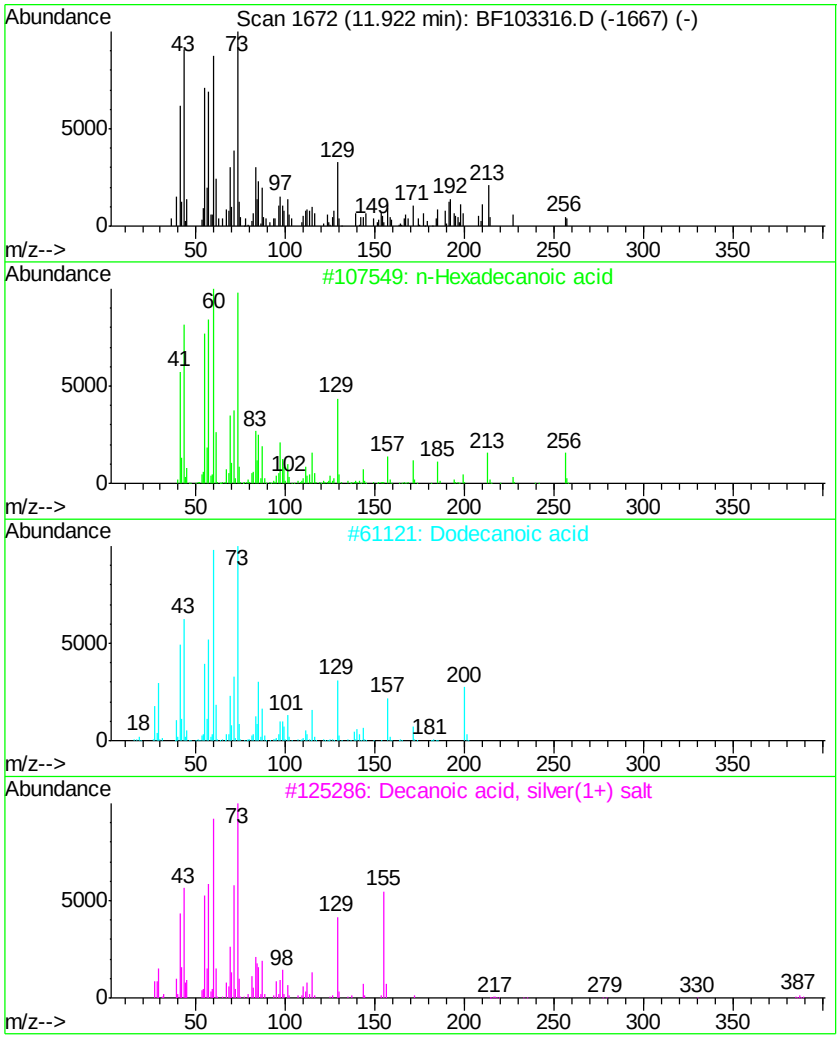
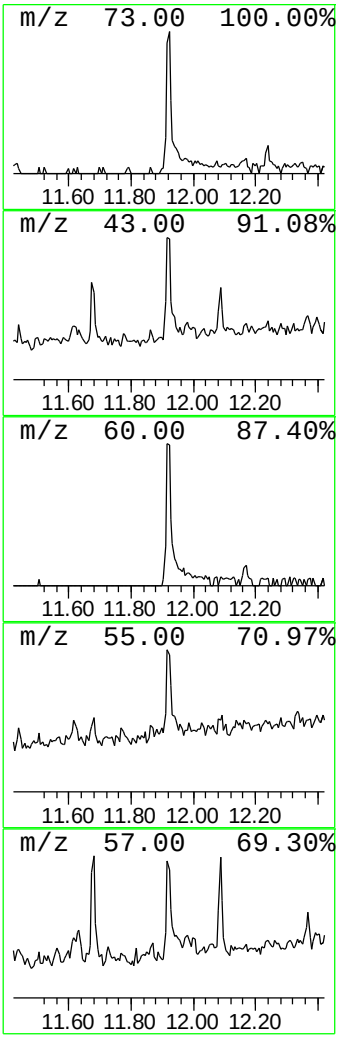
Peak Number 16 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.35 ng	158054	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Dodecanoic acid	200	C12H24O2	000143-07-7	55
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	46
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





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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 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.62 ng	95085	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87