LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	26	30	49	rVV	220006	341278	8.87%	0.722%
2	2.416	51	56	69	rVB	39473	76514	1.99%	0.162%
3	5.063	502	506	524	rBV	62976	115493	3.00%	0.244%
4	5.457	569	573	601	rBV	2635189	3119340	81.05%	6.600%
5	6.475	741	746	765	rBV	2910605	3349769	87.04%	7.087%
6	6.610	765	769	772	rBV	3646271	3219502	83.65%	6.812%
7	6.834	804	807	817	rBV	818937	765360	19.89%	1.619%
8	6.993	830	834	848	rBV	2856433	2590350	67.30%	5.481%
9	7.398	899	903	928	rBV	2103040	2231698	57.99%	4.722%
10	8.116	1022	1025	1047	rBV	946603	1013798	26.34%	2.145%
11	9.192	1204	1208	1220	rBV	3904774	3848717	100.00%	8.143%
12	9.586	1271	1275	1284	rBV	585156	657826	17.09%	1.392%
13	9.869	1319	1323	1327	rBV	1472699	1261847	32.79%	2.670%
14	9.898	1327	1328	1335	rVB	61674	61337	1.59%	0.130%
15	10.422	1412	1417	1422	rBV2	48019	76102	1.98%	0.161%
16	10.657	1453	1457	1465	rBV	2027790	2367964	61.53%	5.010%
17	10.716	1465	1467	1474	rVB	79908	103846	2.70%	0.220%
18	10.892	1495	1497	1499	rVB	69231	51974	1.35%	0.110%
19	10.939	1501	1505	1506	rBV	43326	52457	1.36%	0.111%
20	10.963	1506	1509	1513	rBV3	73418	94974	2.47%	0.201%
21	11.028	1513	1520	1522	rBV2	98726	182837	4.75%	0.387%
22	11.057	1523	1525	1528	rVB2	76193	66410	1.73%	0.141%
23	11.098	1530	1532	1534	rBV	61545	55010	1.43%	0.116%
24	11.128	1534	1537	1539	rBV	83524	72748	1.89%	0.154%
25	11.163	1539	1543	1545	rBV	282668	283326	7.36%	0.599%
26	11.192	1545	1548	1549	rBV3	48592	55851	1.45%	0.118%
27	11.210	1549	1551	1554	rBV2	78823	65481	1.70%	0.139%
28	11.245	1554	1557	1563	rVB	412847	427339	11.10%	0.904%
29	11.298	1563	1566	1567	rBV	117681	138561	3.60%	0.293%
30	11.333	1569	1572	1573	rBV2	186087	158187	4.11%	0.335%
31	11.357	1573	1576	1579	rBV	1360033	1237579	32.16%	2.618%
32	11.398	1579	1583	1587	rVB3	407746	519890	13.51%	1.100%
33	11.433	1587	1589	1593	rVB2	446176	472818	12.29%	1.000%
34	11.480	1593	1597	1599	rBV2	662449	635412	16.51%	1.344%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	11.510	1599	1602	1604	rBV	520057	576753	14.99%	1.220%
36	11.580	1611	1614	1617	rBV	977866	973418	25.29%	2.060%
37	11.651	1624	1626	1628	rBV2	416950	491689	12.78%	1.040%
38	11.710	1634	1636	1640	rVB2	460351	604138	15.70%	1.278%
39	11.745	1640	1642	1644	rBV2	678176	624727	16.23%	1.322%
40	11.775	1644	1647	1649	rVB2	615968	526311	13.67%	1.114%
41	11.798	1649	1651	1653	rBV	447250	324908	8.44%	0.687%
42	11.822	1653	1655	1656	rBV	357056	275298	7.15%	0.582%
43	11.875	1661	1664	1665	rBV2	277948	282506	7.34%	0.598%
44	11.892	1665	1667	1670	rVB2	547646	605597	15.74%	1.281%
45	11.922	1670	1672	1675	rBV2	487930	618522	16.07%	1.309%
46	11.951	1675	1677	1679	rVB	289072	194865	5.06%	0.412%
47	12.045	1691	1693	1695	rBV	409968	301795	7.84%	0.639%
48	12.098	1700	1702	1706	rVB3	648708	803075	20.87%	1.699%
49	12.133	1706	1708	1710	rBV2	252841	204448	5.31%	0.433%
50	12.192	1716	1718	1720	rBV2	355513	333970	8.68%	0.707%
51	12.280	1730	1733	1734	rBV2	508790	571521	14.85%	1.209%
52	12.357	1744	1746	1748	rBV2	576585	633634	16.46%	1.341%
53	12.586	1781	1785	1787	rBV3	730618	1194206	31.03%	2.527%
54	12.680	1799	1801	1804	rVB2	366784	334397	8.69%	0.708%
55	12.804	1819	1822	1824	rBV	507378	487406	12.66%	1.031%
56	12.945	1842	1846	1848	rBV	3571089	3632646	94.39%	7.686%
57	14.004	2022	2026	2029	rBV2	945682	944517	24.54%	1.998%
58	15.045	2201	2203	2208	rBV	93976	108107	2.81%	0.229%
59	15.410	2262	2265	2270	rVV	121530	155256	4.03%	0.328%
60	15.468	2271	2275	2290	rVB	845073	1280061	33.26%	2.708%
61	15.892	2344	2347	2352	rVB	63970	90929	2.36%	0.192%
62	16.386	2427	2431	2444	rVB3	52035	133368	3.47%	0.282%
63	16.957	2523	2528	2539	rVB4	50169	124632	3.24%	0.264%
64	17.392	2598	2602	2609	rVB	29907	59214	1.54%	0.125%

Sum of corrected areas: 47263509

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Operator : HP/JU
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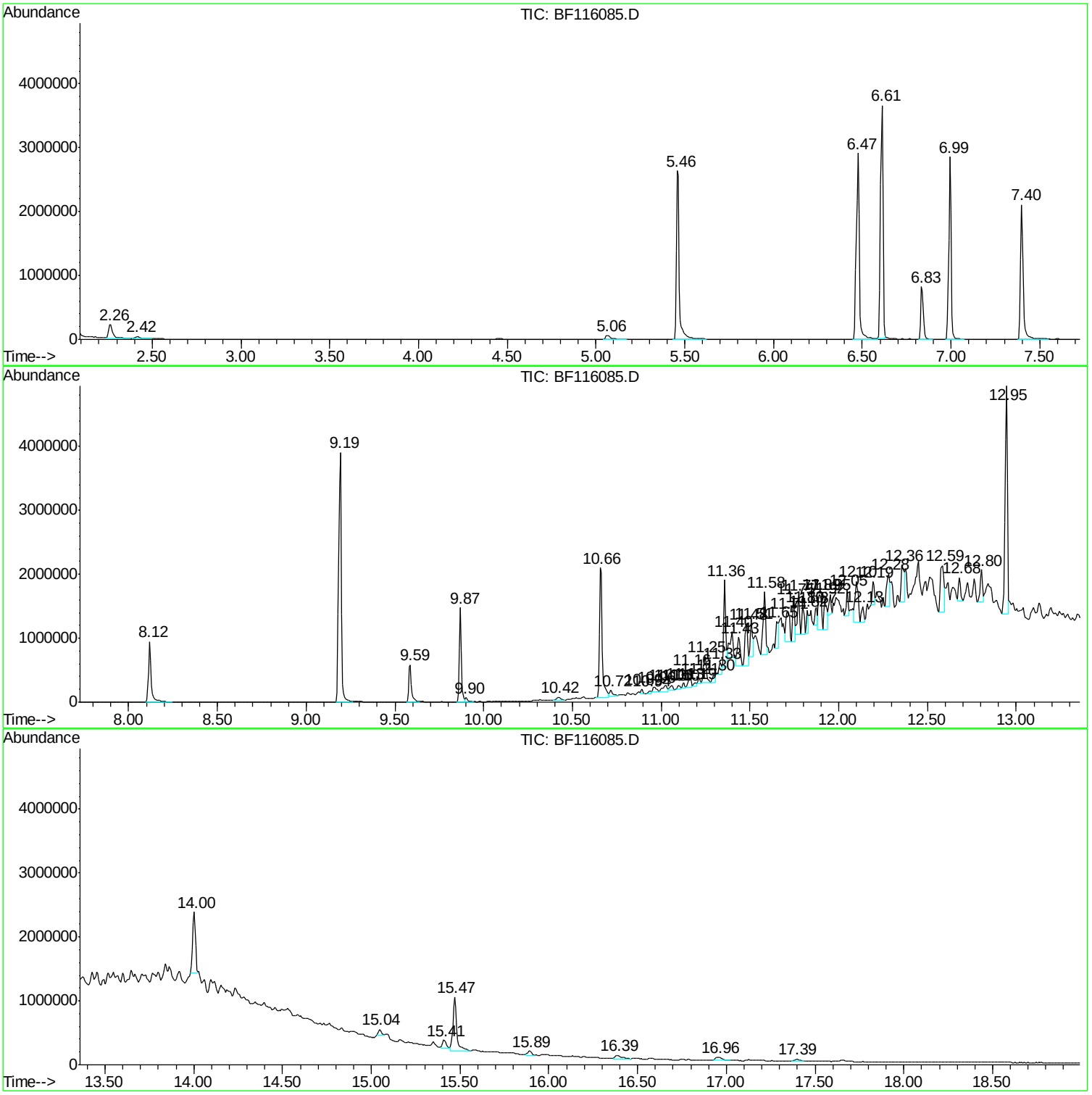
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

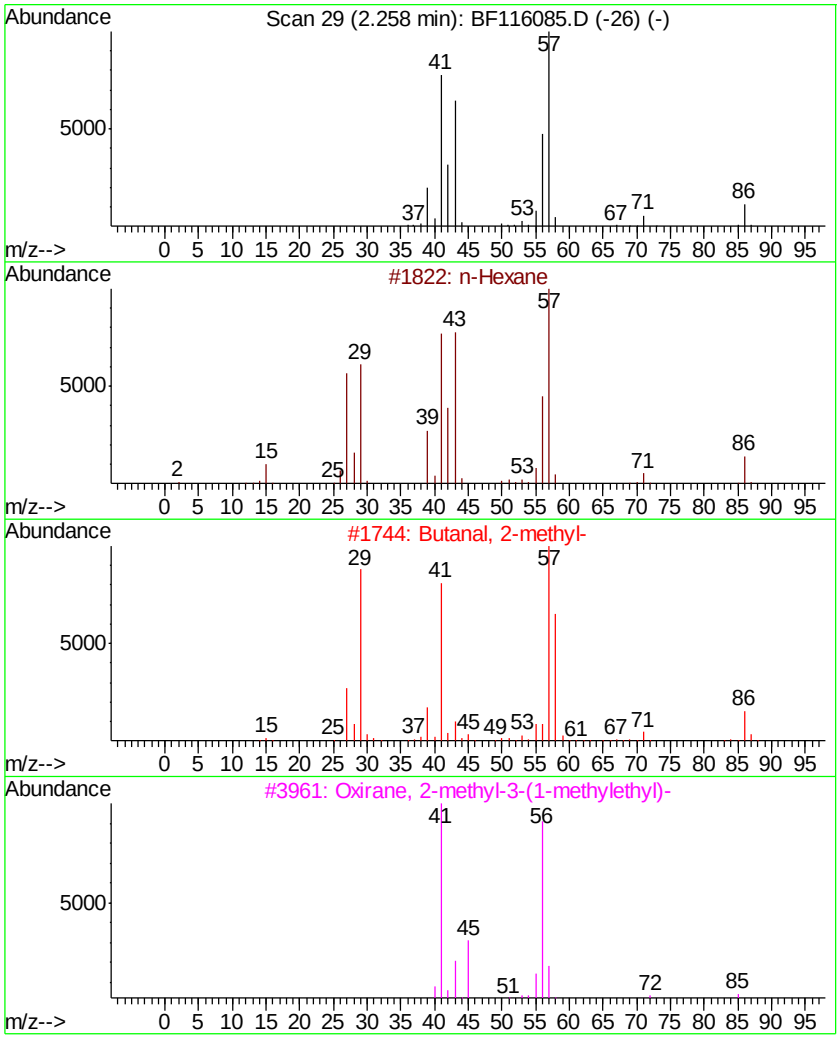
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

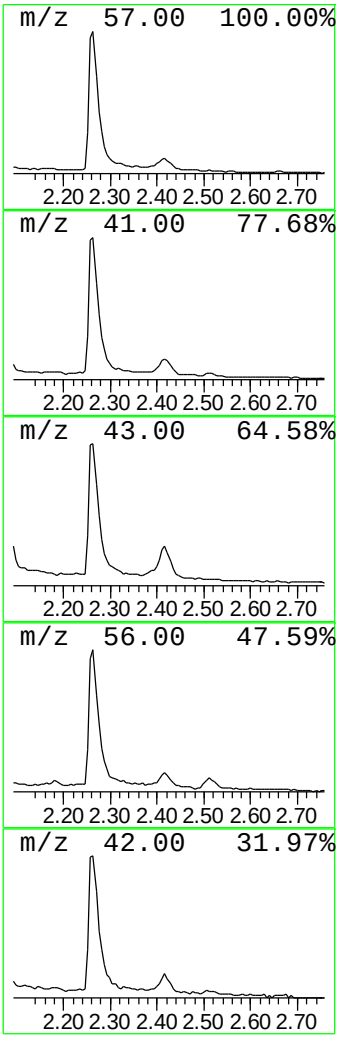
****

Peak Number 1 n-Hexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	8.92 ng	341278	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
3	Oxirane, 2-methyl-3-(1-methyleth...	100	C6H12O	001192-31-0	37
4	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	35
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

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

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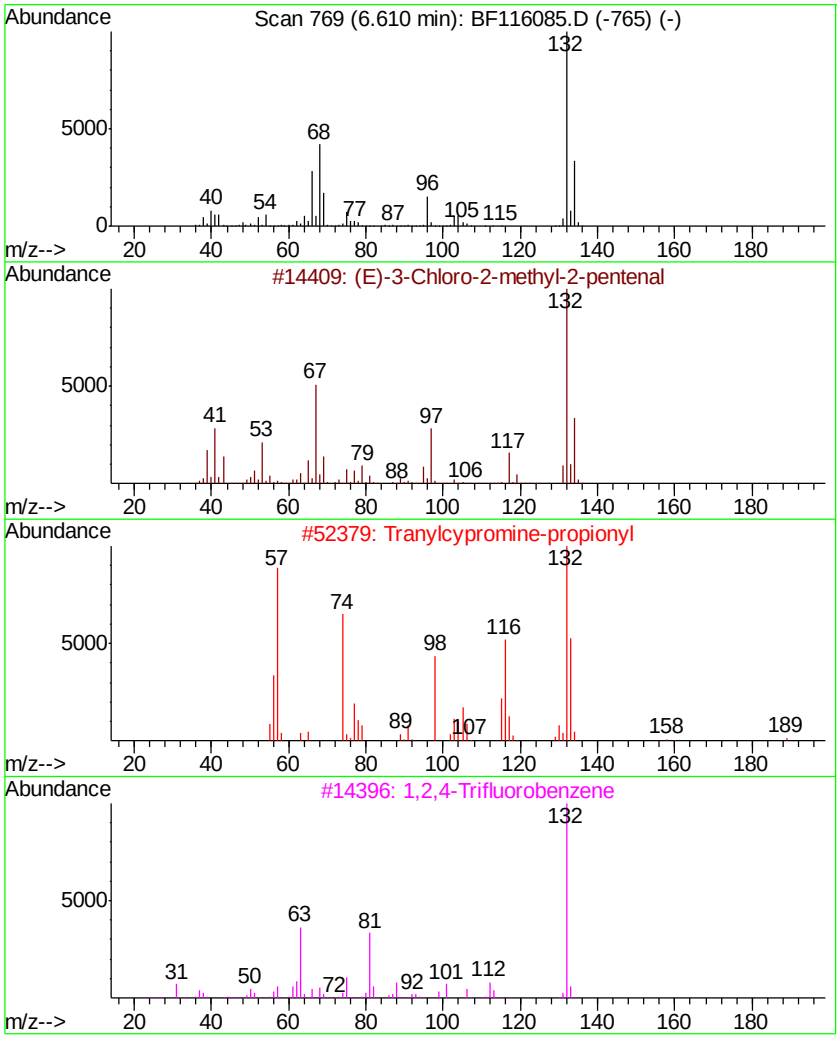
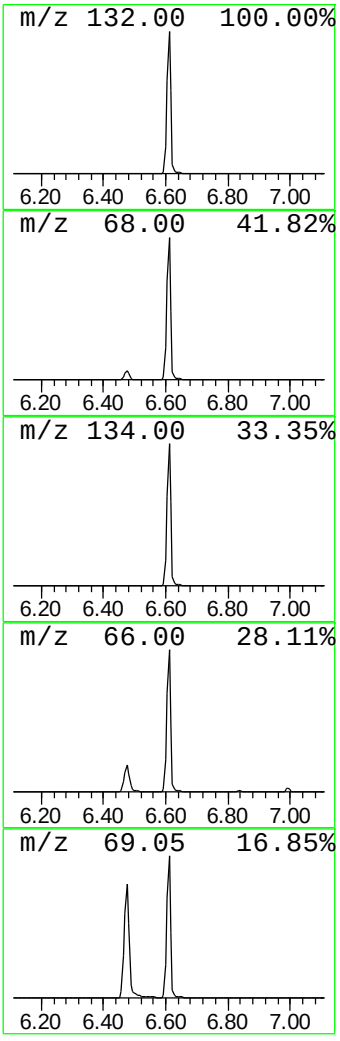
Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	84.13 ng	3219500	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
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Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

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

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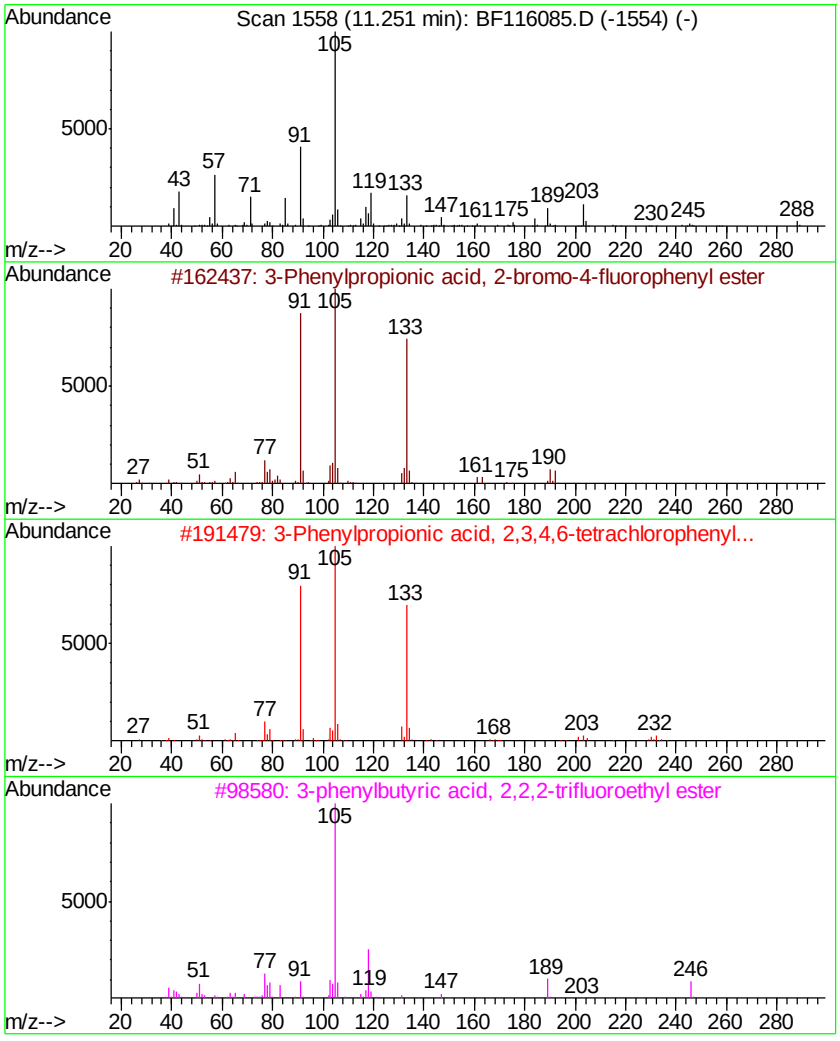
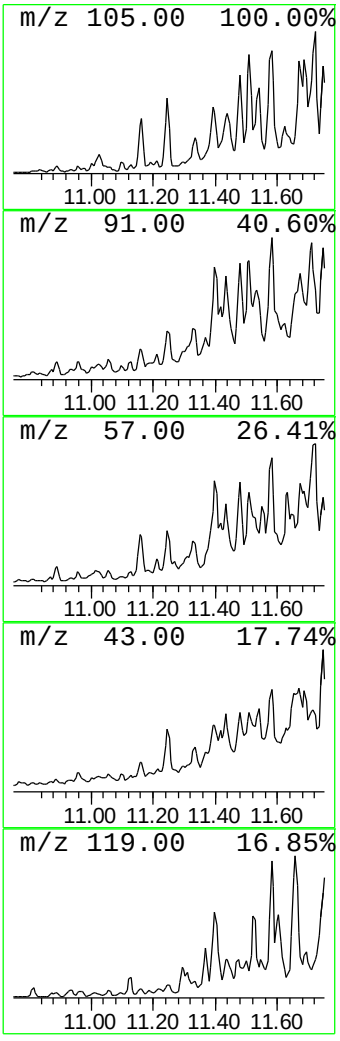
Peak Number 4 unknown11.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	6.91 ng	427339	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylpropionic acid, 2-bromo-...	322	C15H12BrFO2	1000299-02-3	27
2	3-Phenylpropionic acid, 2,3,4,6-...	362	C15H10Cl4O2	1000354-74-6	27
3	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	25
4	2-Aziridinecarboxylic acid, 2-be...	295	C19H21NO2	1000196-90-8	25
5	1,5-Diphenyl-1,5-pentanedione	252	C17H16O2	006263-83-8	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

TIC Library : C:\DATABASE\NIST11.L
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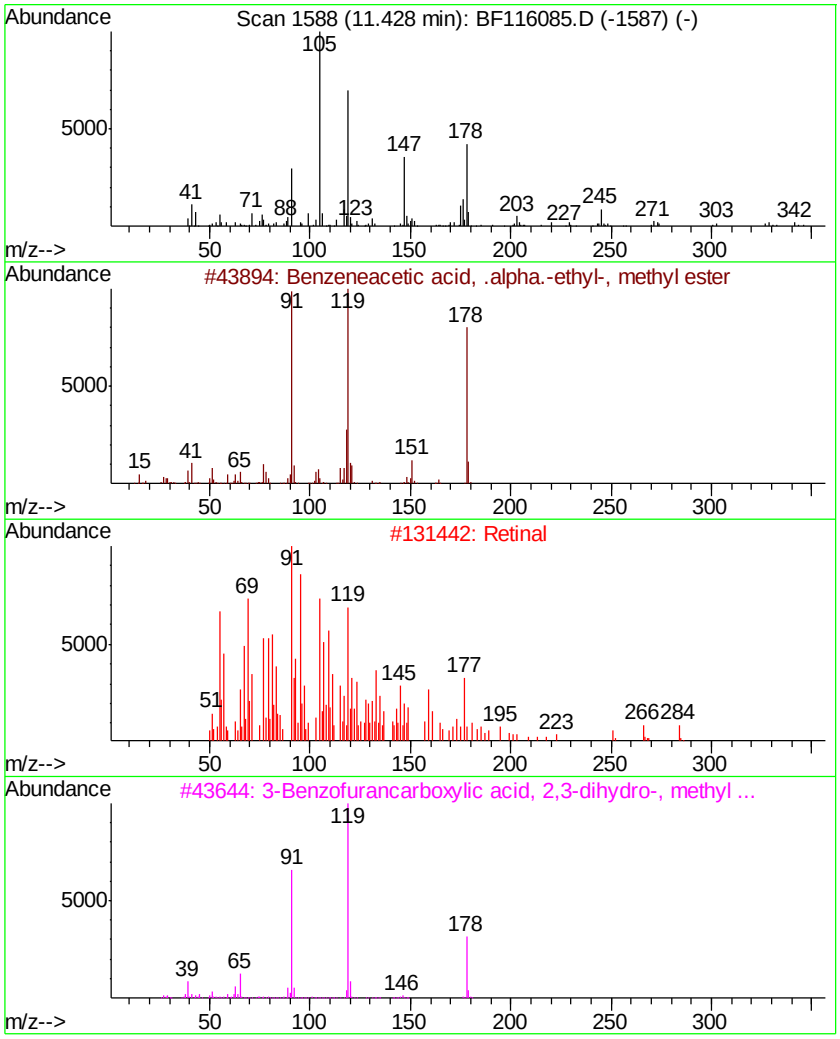
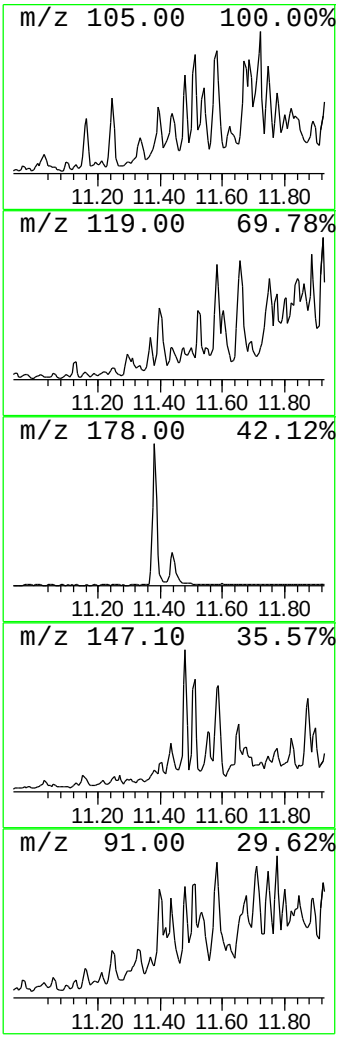
Peak Number 5 unknown11.43 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	7.64 ng	472818	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-ethy...	178	C11H14O2	002294-71-5	47
2	Retinal	284	C20H28O	000116-31-4	46
3	3-Benzofurancarboxylic acid, 2,3...	178	C10H10O3	039891-56-0	43
4	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	43
5	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

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

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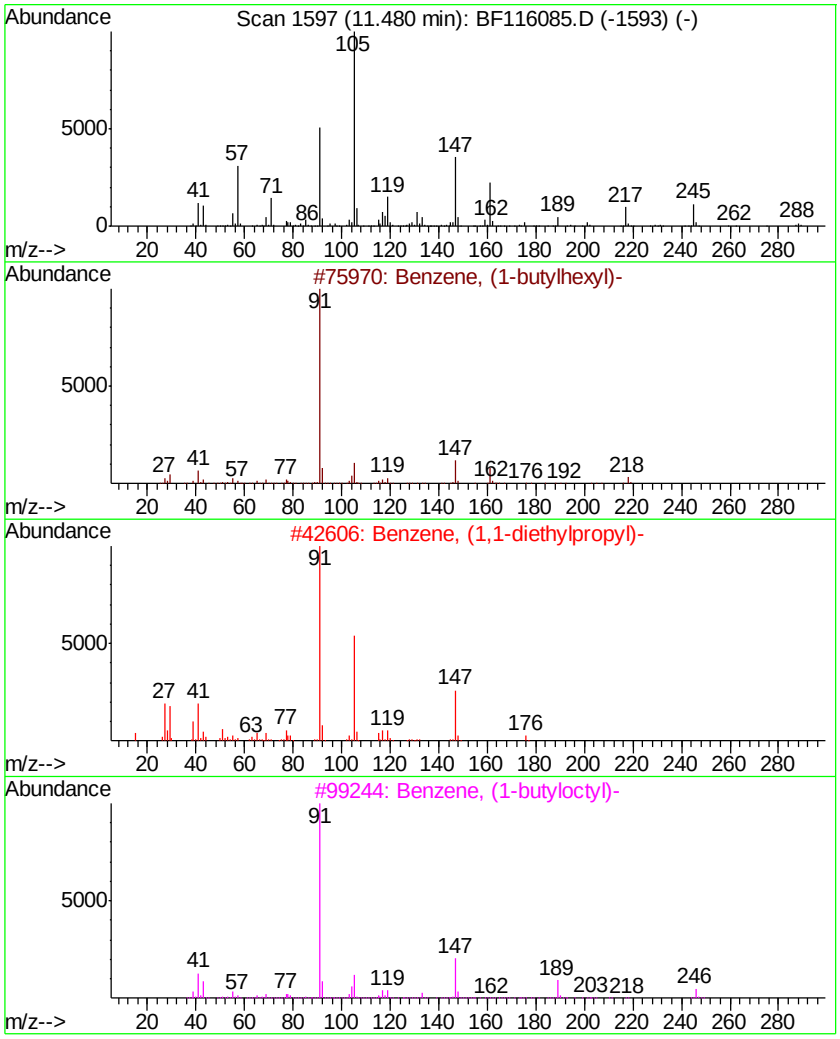
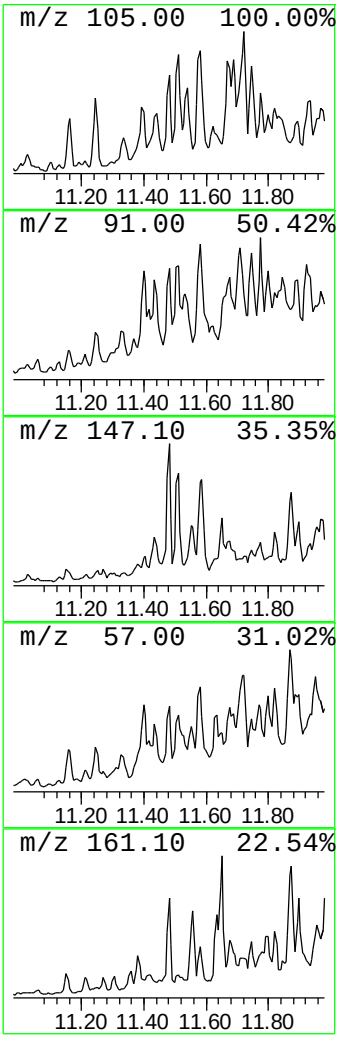
Peak Number 6 Benzene, (1-butylhexyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	10.27 ng	635412	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	53
2	Benzene, (1,1-diethylpropyl)-	176	C13H20	004170-84-7	38
3	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	37
4	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	32
5	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	27





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

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

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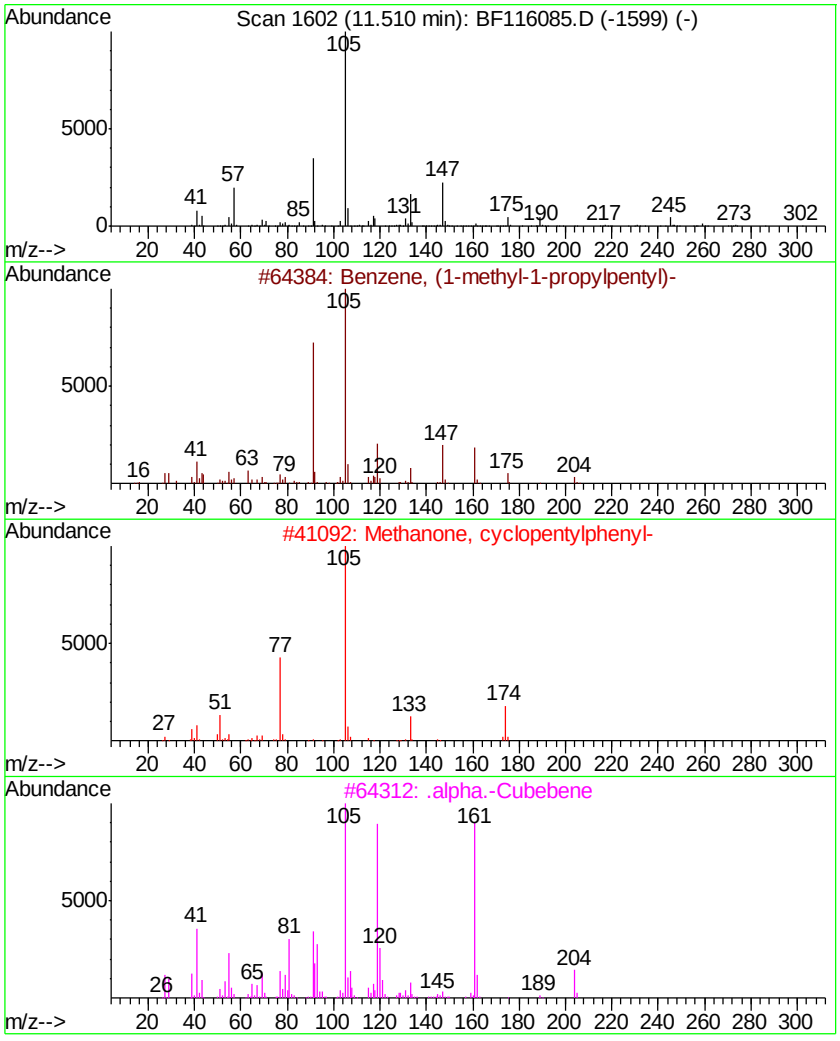
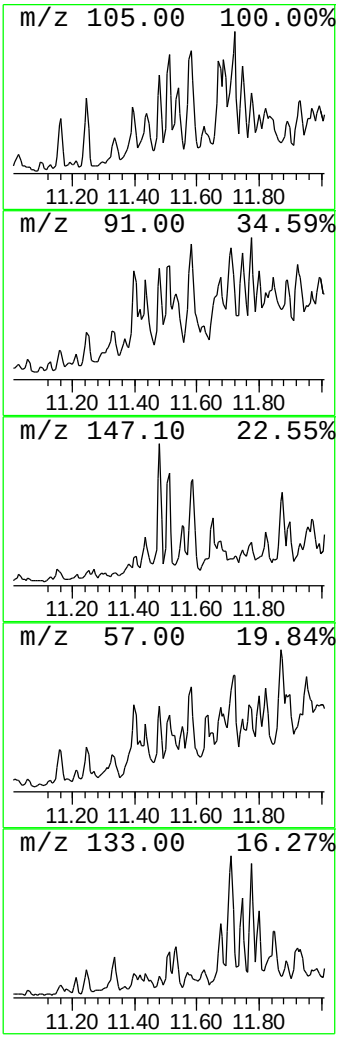
Peak Number 7 unknown11.51 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	9.32 ng	576753	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	47
2	Methanone, cyclopentylphenyl-	174	C12H14O	005422-88-8	32
3	.alpha.-Cubebene	204	C15H24	017699-14-8	25
4	2-Aziridinecarboxylic acid, 2-be...	295	C19H21NO2	1000196-90-8	23
5	3-Phenylpropionic acid, 2-fluoro...	244	C15H13FO2	1000325-75-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

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

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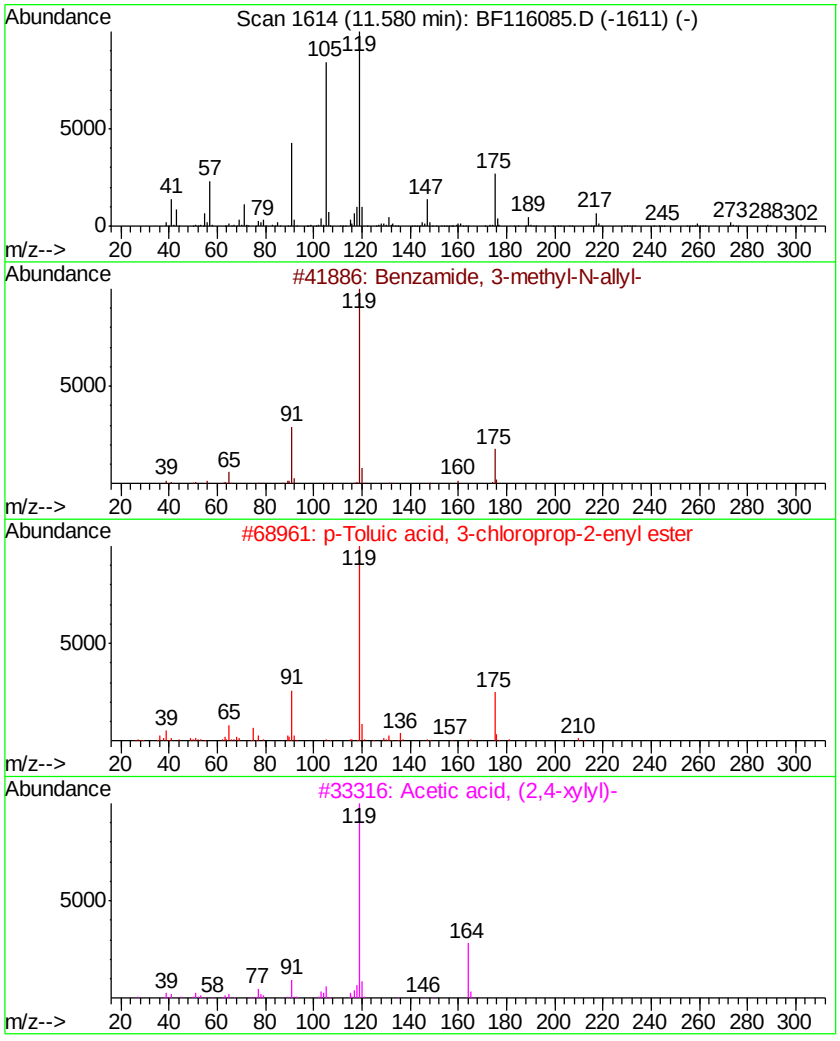
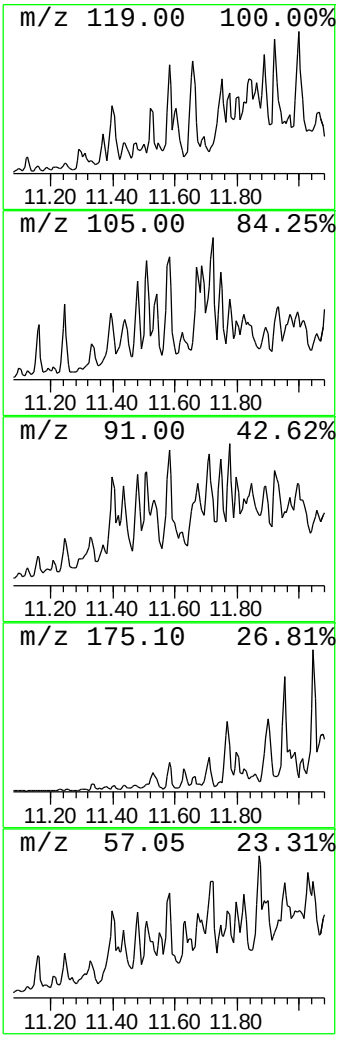
Peak Number 8 Benzamide, 3-methyl-N-allyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	15.73 ng	973418	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	53
2	p-Toluic acid, 3-chloroprop-2-en...	210	C11H11ClO2	1000292-51-0	50
3	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	47
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	47
5	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	43





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Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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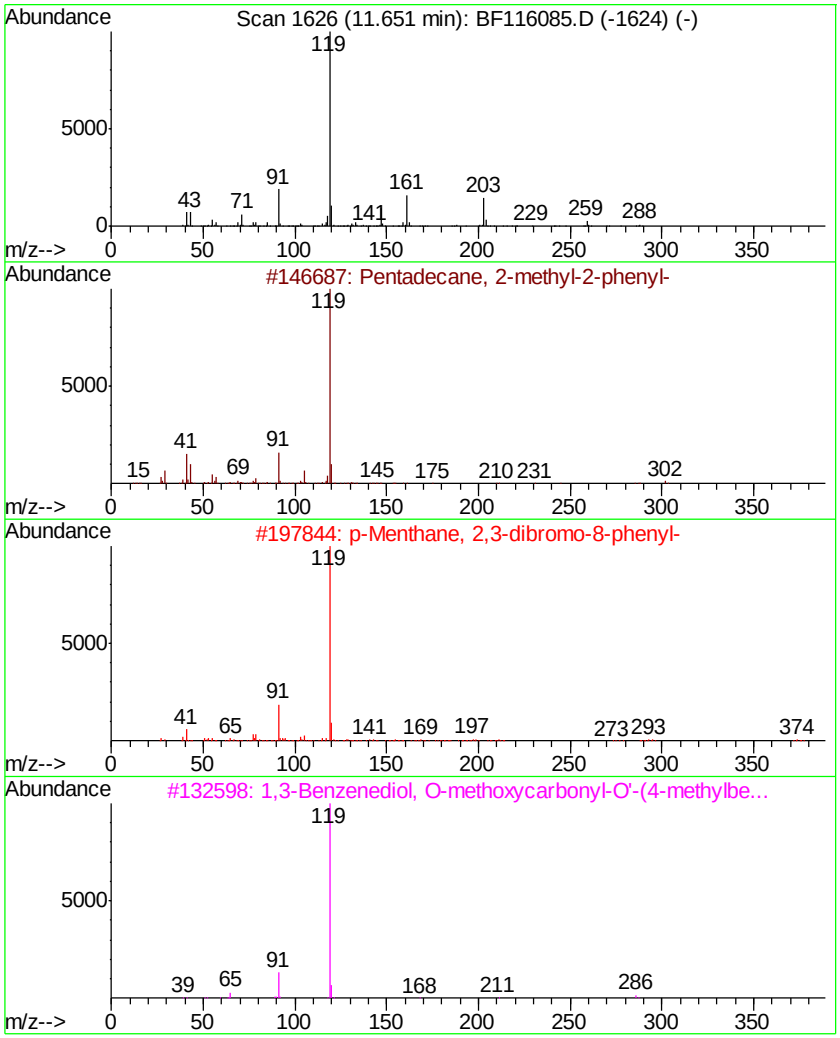
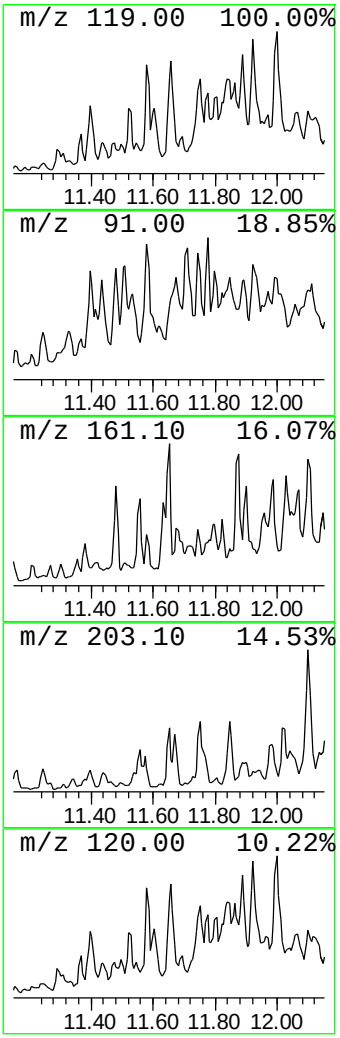
Peak Number 9 Pentadecane, 2-methyl-2-phe... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	7.95 ng	491689	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53
2	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	53
3	1,3-Benzenediol, O-methoxycarbon...	286	C16H14O5	1000345-55-0	53
4	2-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-28-5	53
5	Benzamide, N-[2-acetyl-1,1-di(tr...	383	C16H15F6NO3	1000276-52-7	53





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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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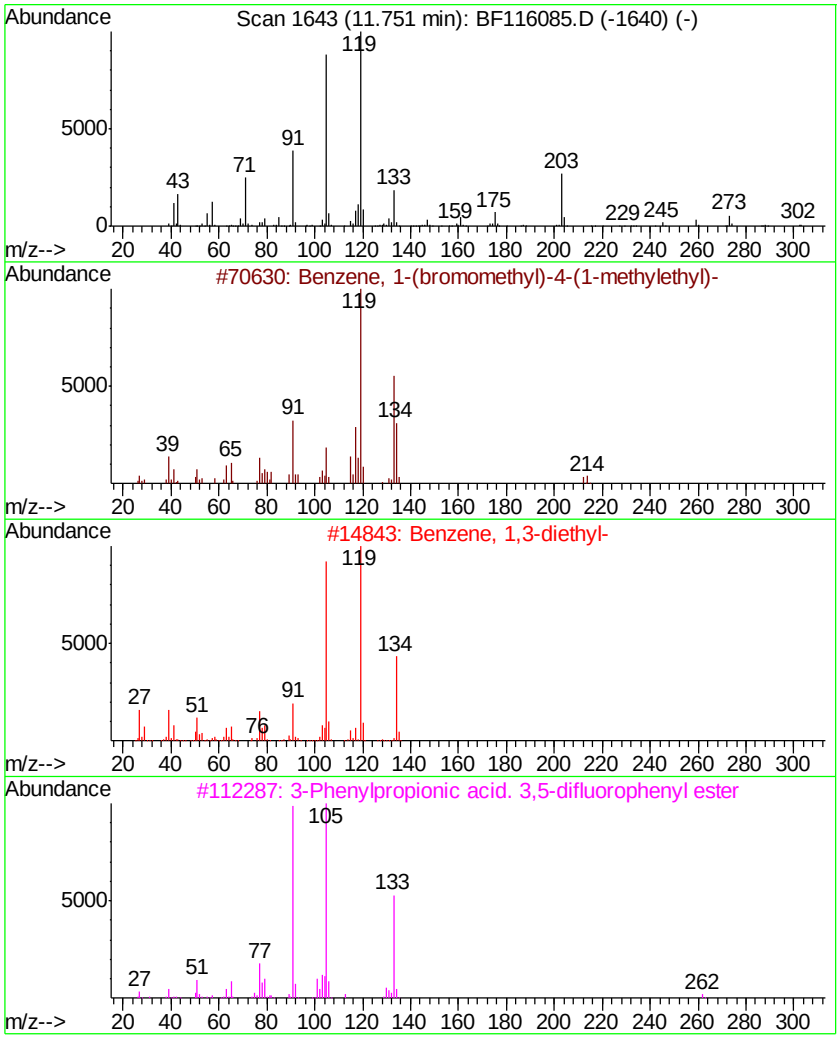
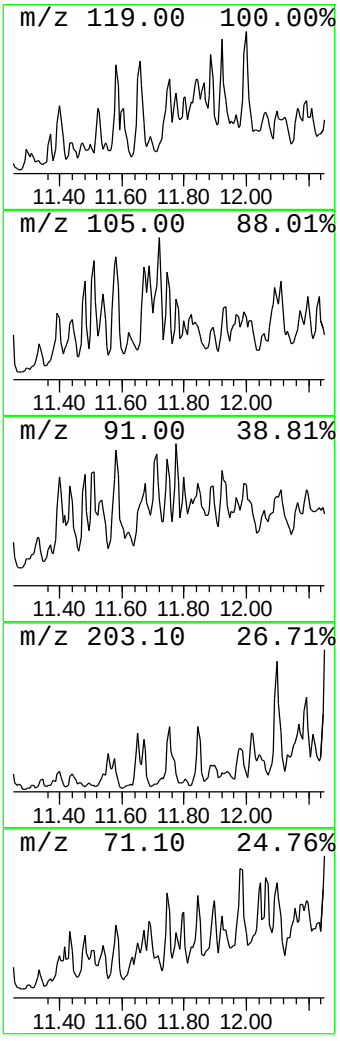
Peak Number 11 unknown11.75 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	10.10 ng	624727	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	40
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	27
3	3-Phenylpropionic acid, 3,5-difl...	262	C15H12F2O2	1000299-02-0	16
4	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	14
5	3-Phenylpropionic acid, 2,3,4,6-...	362	C15H10Cl4O2	1000354-74-6	14





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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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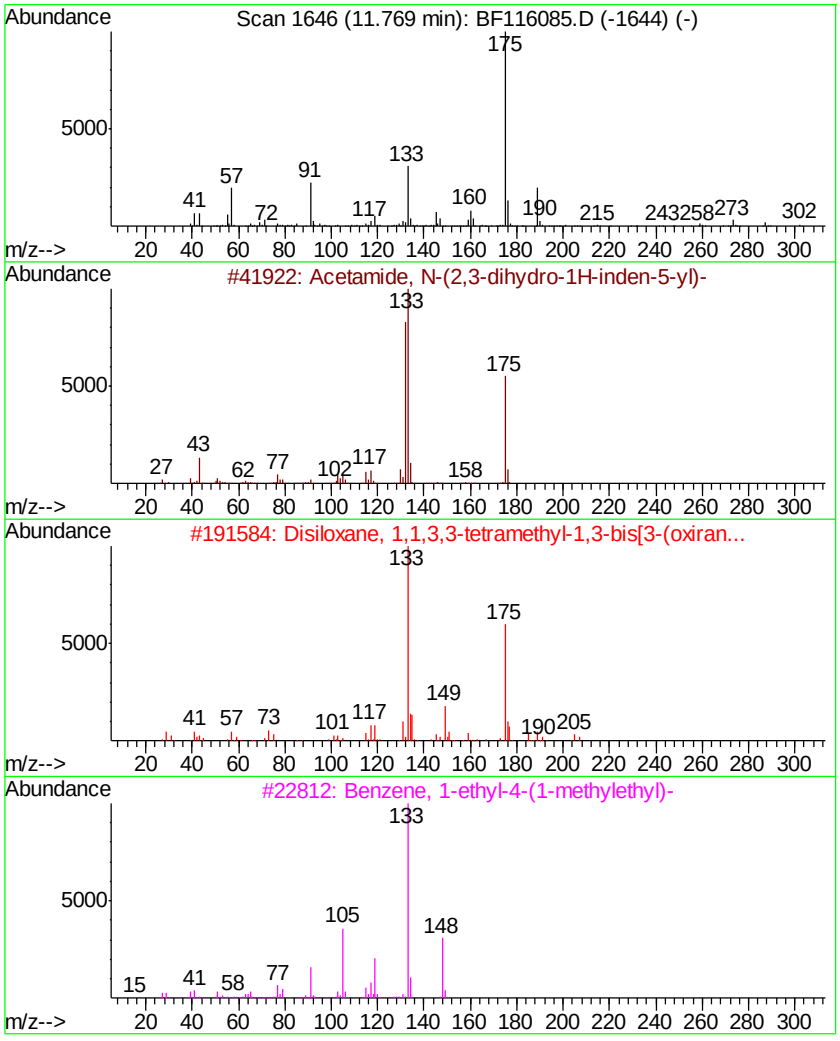
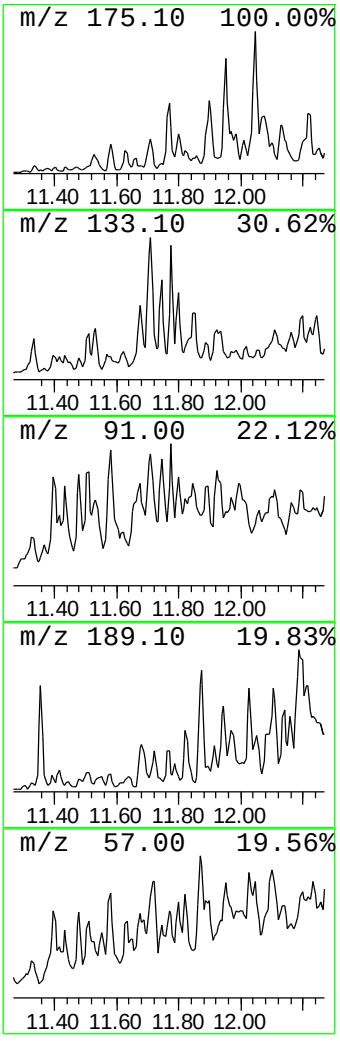
Peak Number 12 Acetamide, N-(2,3-dihydro-1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	8.51 ng	526311	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,3-dihydro-1H-ind...	175	C11H13NO	059856-06-3	62
2	Disiloxane, 1,1,3,3-tetramethyl-...	362	C16H34O5Si2	000126-80-7	59
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	43
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	38





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Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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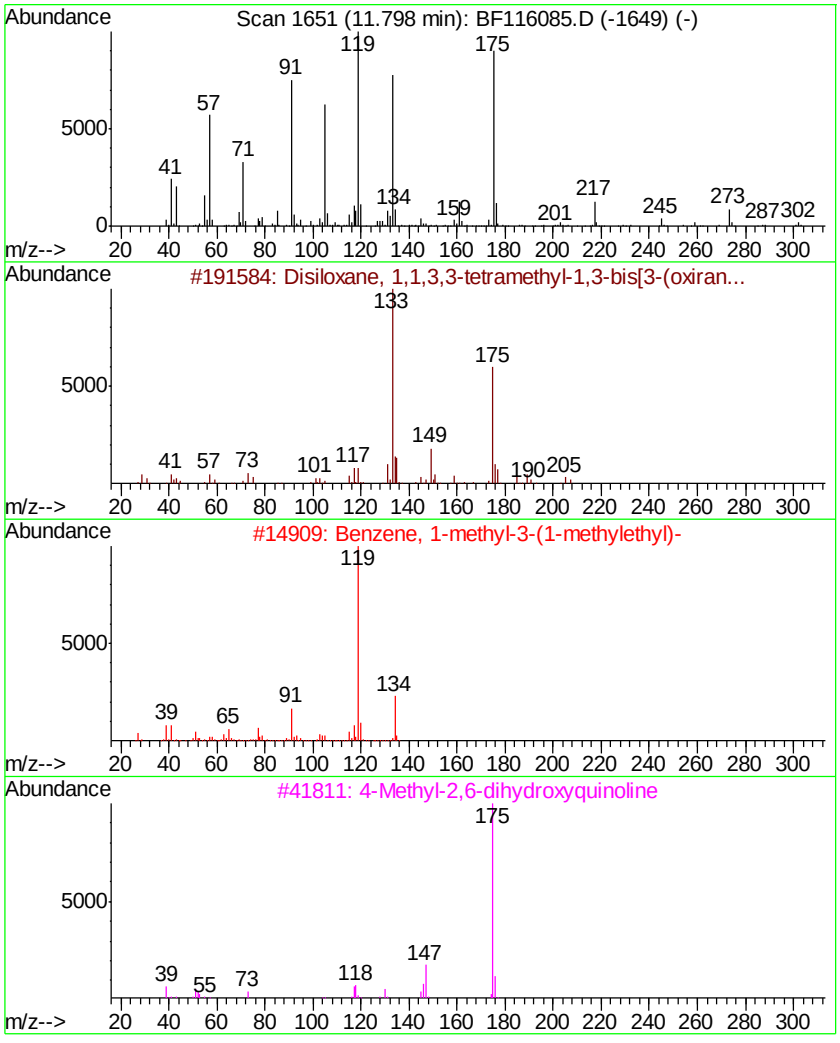
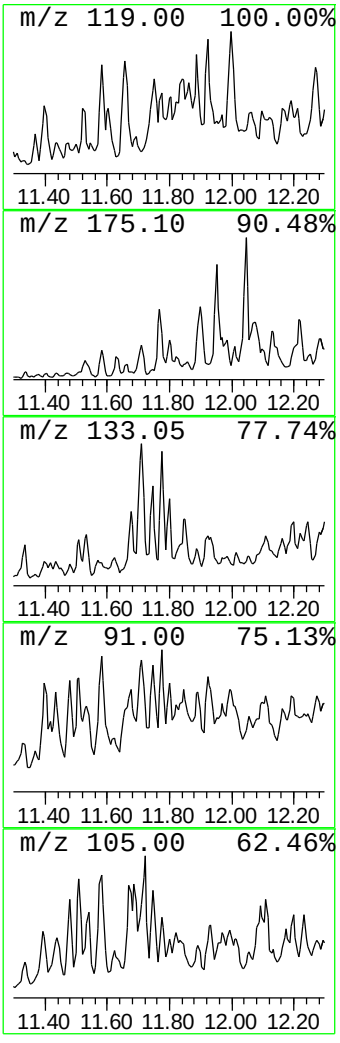
Peak Number 13 unknown11.80 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.25 ng	324908	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-...	362	C16H34O5Si2	000126-80-7	35
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	22
3	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	22
4	.beta.-curcumene	204	C15H24	1000374-17-4	22
5	1,1,3,3-Tetramethyl-1,3-di-n-pro...	218	C10H26OSi2	018001-73-5	22





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Misc :
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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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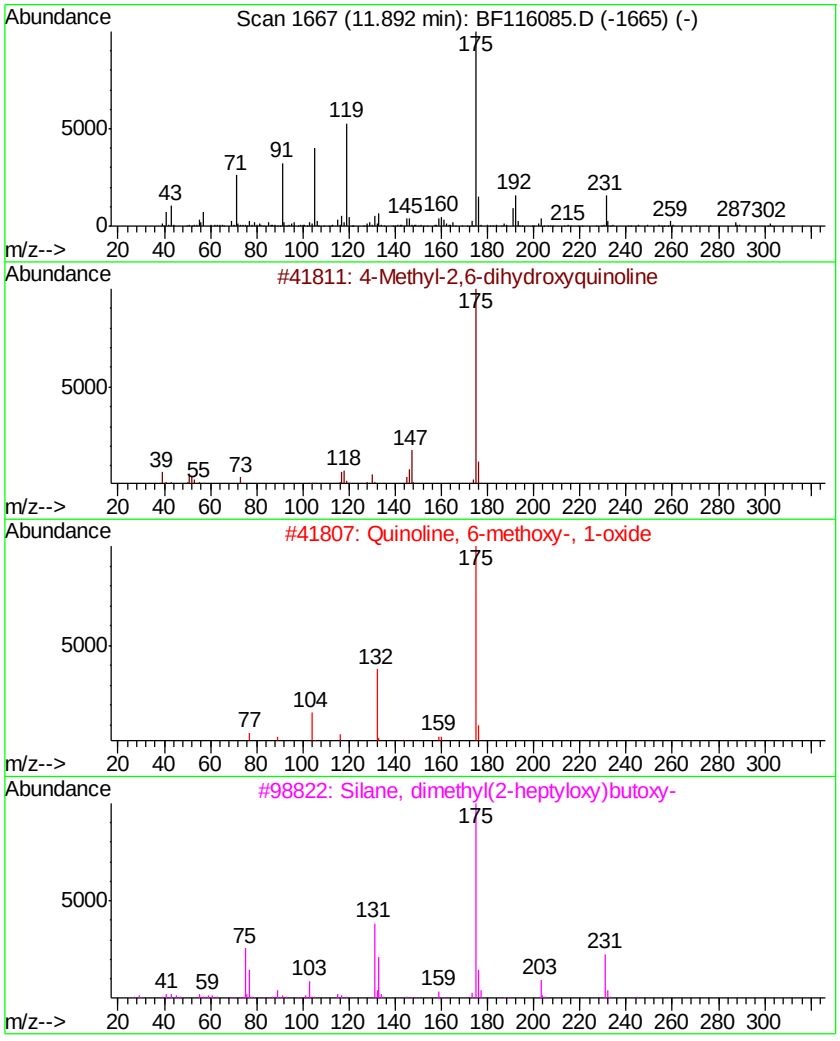
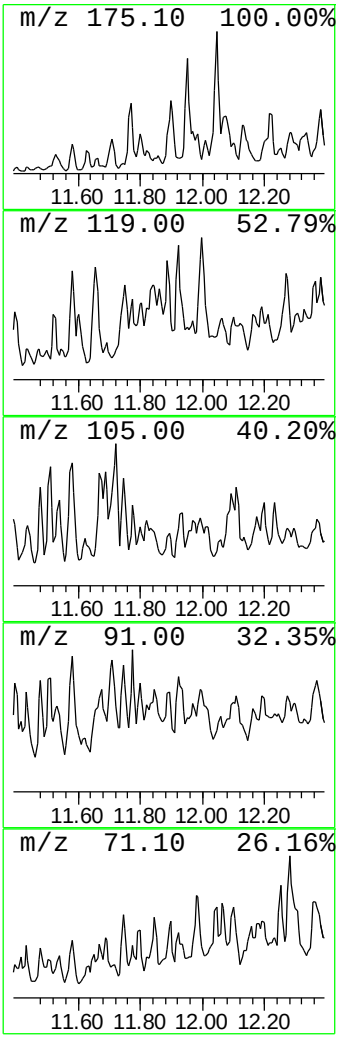
Peak Number 14 unknown11.89 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.79 ng	605597	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	38
2	Quinoline, 6-methoxy-, 1-oxide	175	C10H9NO2	006563-13-9	38
3	Silane, dimethyl(2-heptyloxy)but...	246	C13H30O2Si	1000347-65-3	37
4	4-Methyl-2,5-quinolindiol	175	C10H9NO2	131195-67-0	35
5	Borinic acid, diethyl-, 2-acetyl...	204	C12H17BO2	074663-95-9	35





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Sample : K4152-16
Misc :
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Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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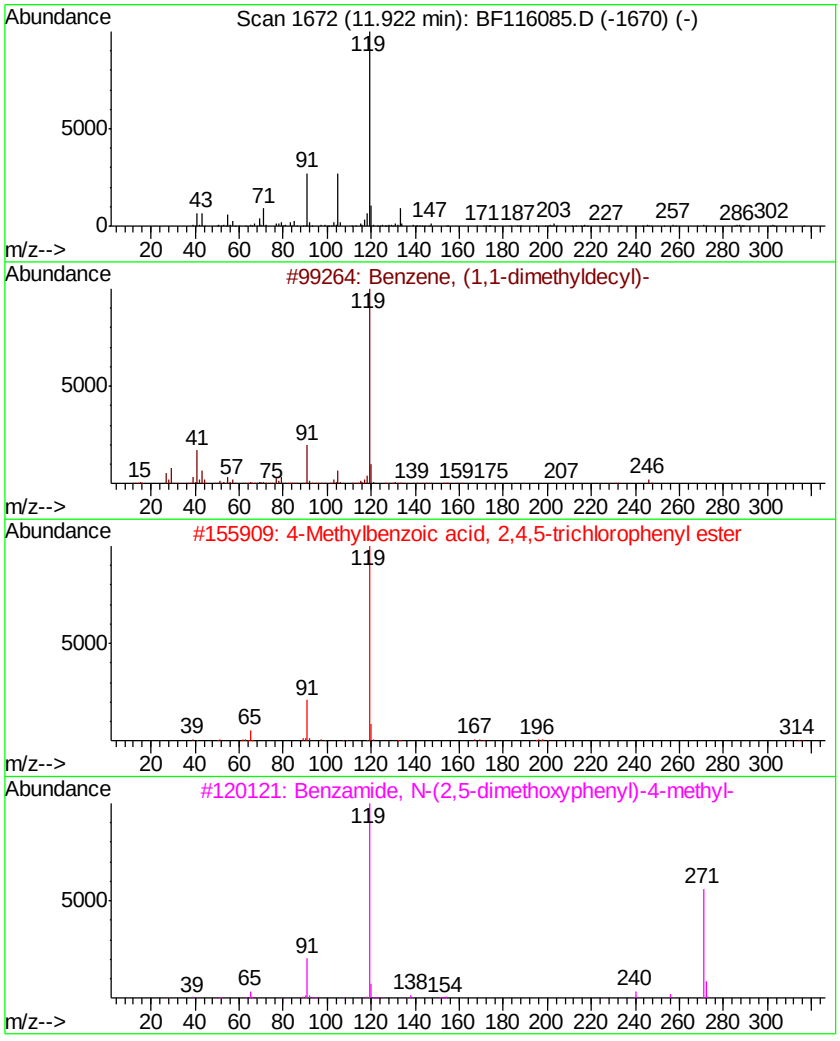
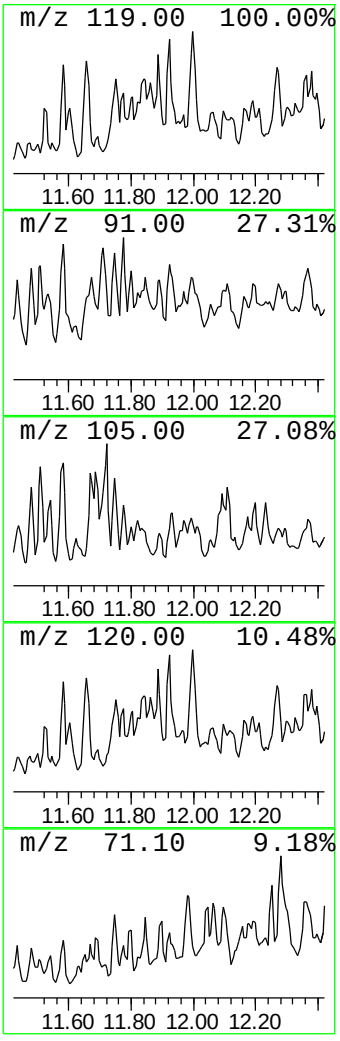
Peak Number 15 Benzene, (1,1-dimethyldecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	10.00 ng	618522	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53
2	4-Methylbenzoic acid, 2,4,5-tric...	314	C14H9Cl3O2	1000354-15-7	50
3	Benzamide, N-(2,5-dimethoxyphenyl...	271	C16H17NO3	1000306-96-1	50
4	Benzamide, N-(3-chlorophenyl)-4-...	245	C14H12ClNO	1000306-95-8	50
5	m-Toluic acid, undec-2-enyl ester	288	C19H28O2	1000292-61-3	50





Library Search Compound Report

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Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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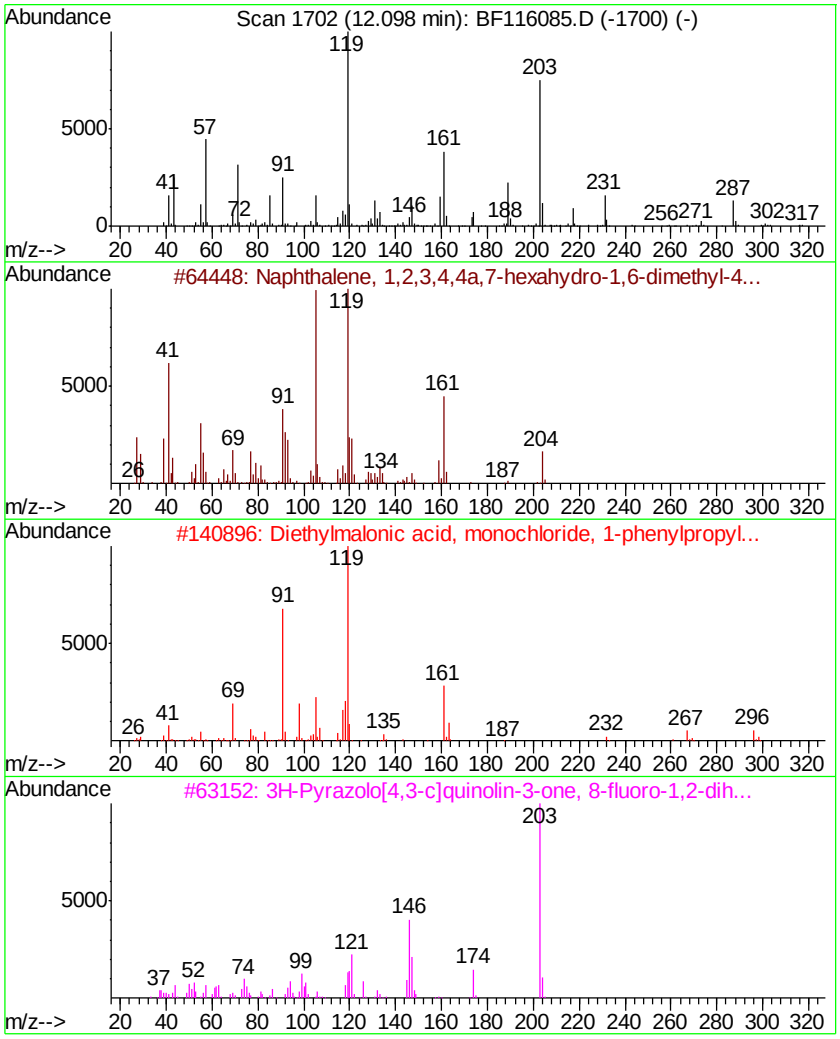
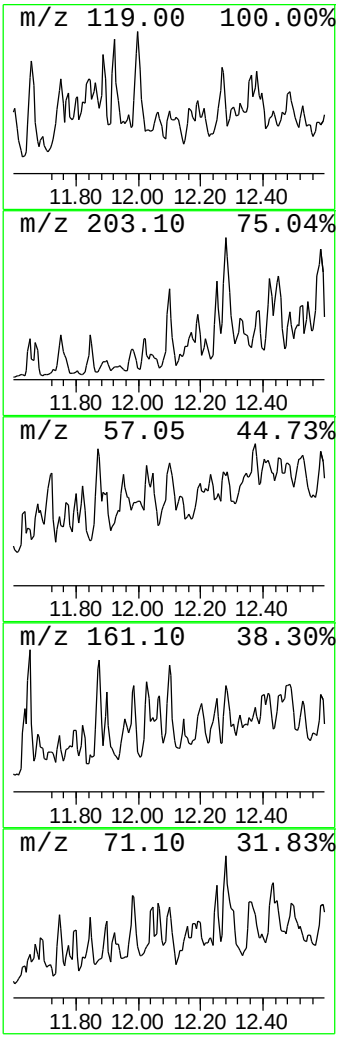
Peak Number 16 unknown12.10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	12.98 ng	803075	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	45
2	Diethylmalonic acid, monochlorid...	296	C16H21ClO3	1000370-19-3	27
3	3H-Pyrazolo[4,3-c]quinolin-3-one...	203	C10H6FN3O	1000362-68-8	27
4	1,3,5-Cycloheptatriene, 2,4-dihe...	288	C21H36	1000160-93-3	25
5	Benzamide, 3-methyl-N-methallyl-	189	C12H15NO	1000339-09-9	25





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Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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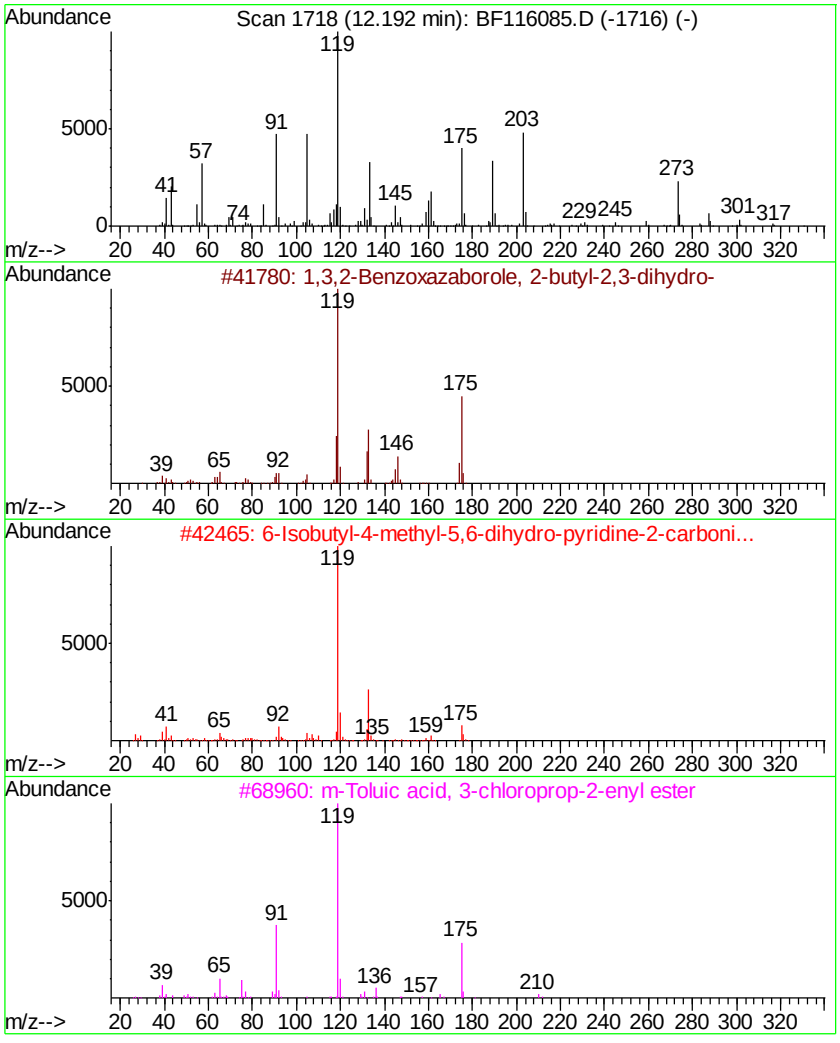
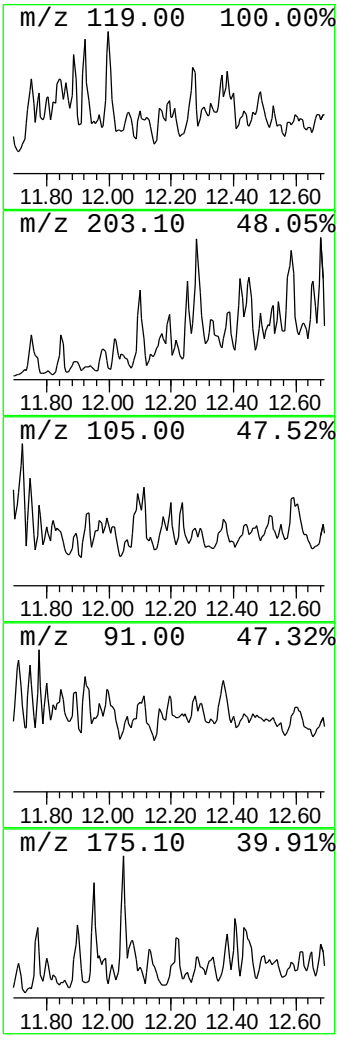
Peak Number 17 unknown12.19 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.40 ng	333970	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Benzoxazaborole, 2-butyl-2...	175	C10H14BNO	031748-13-7	46
2	6-Isobutyl-4-methyl-5,6-dihydro-...	176	C11H16N2	1000185-72-5	43
3	m-Toluic acid, 3-chloroprop-2-en...	210	C11H11ClO2	1000292-50-0	35
4	3-Methoxy-5-(p-tolyl)isoxazole	189	C11H11NO2	1000241-45-5	35
5	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-83-5	27





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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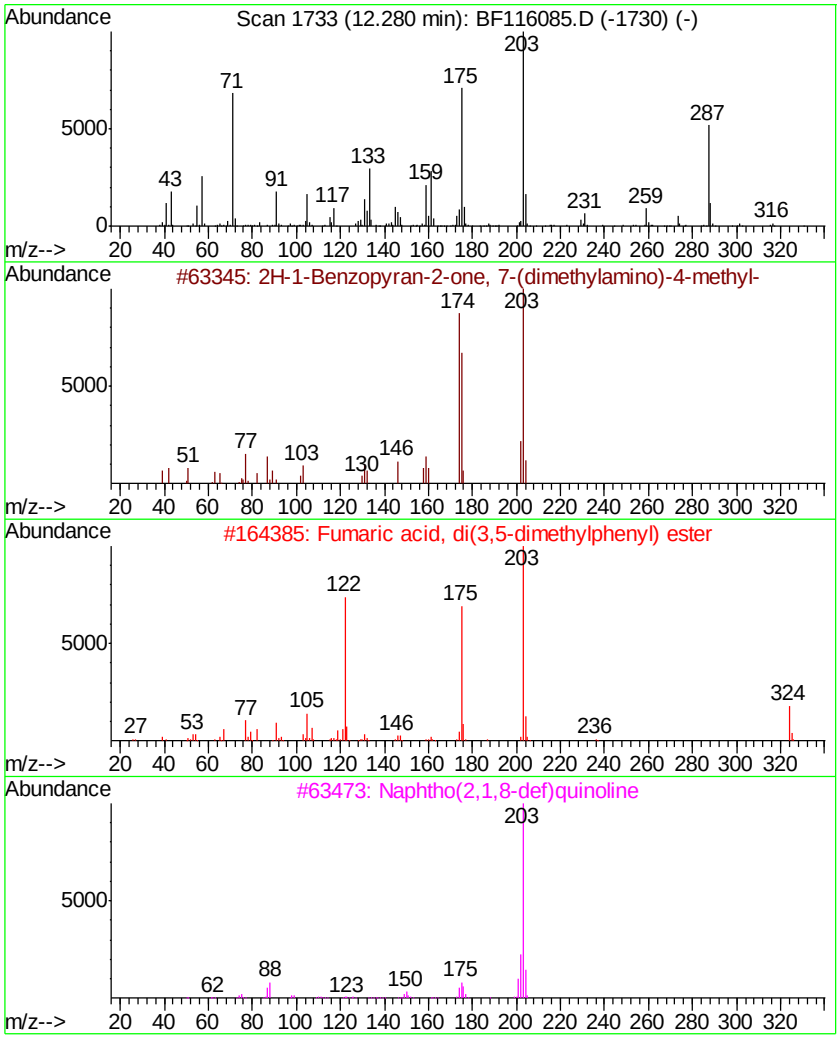
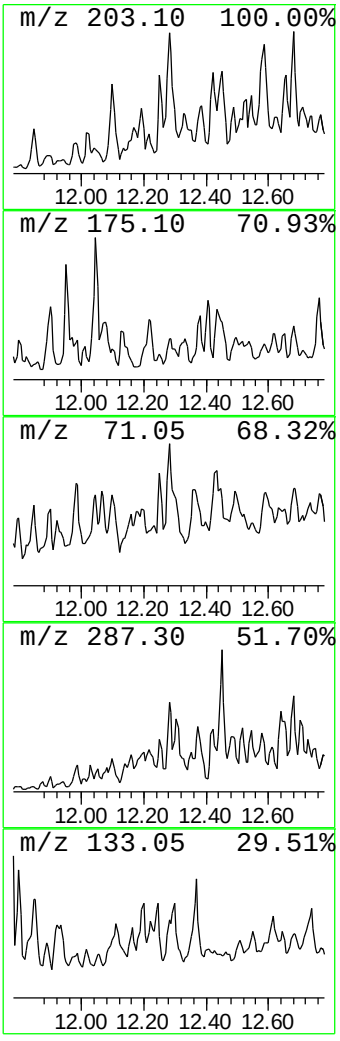
Peak Number 18 unknown12.28 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	9.24 ng	571521	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-(dimeth...	203	C12H13NO2	000087-01-4	35
2	Fumaric acid, di(3,5-dimethylphe...	324	C20H20O4	1000344-78-2	27
3	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	22
4	8-Amino-5-[3-butenoxy]-6-methoxy...	258	C15H18N2O2	108190-65-4	16
5	[1,2,5]-Thiadiazolo[3,4-H]quinol...	203	C9H5N3OS	059526-02-2	16





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Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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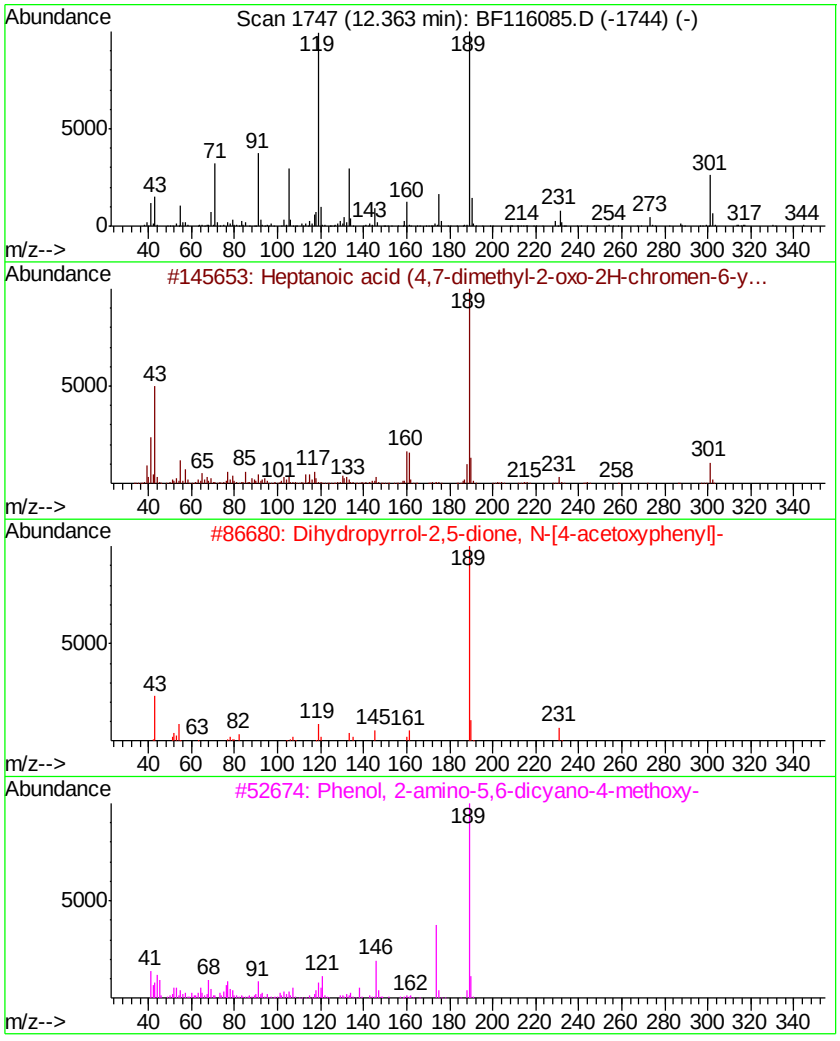
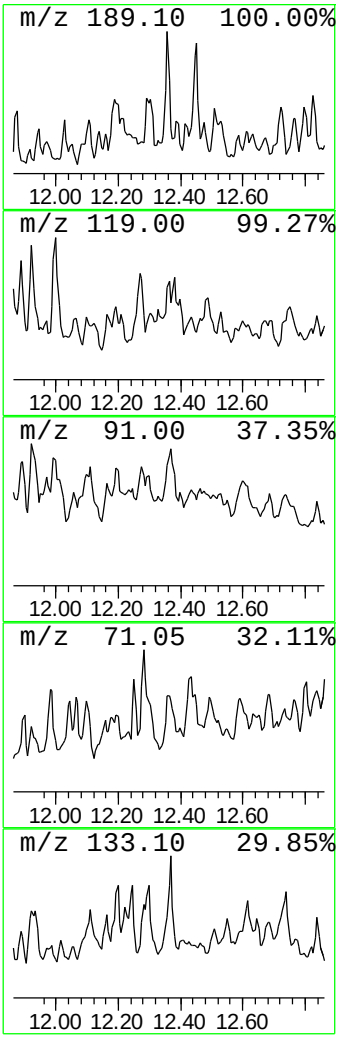
Peak Number 19 Heptanoic acid (4,7-dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	10.24 ng	633634	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid (4,7-dimethyl-2-o...	301	C18H23NO3	1000297-16-3	53
2	Dihydropyrrol-2,5-dione, N-[4-ac...	231	C12H9NO4	006637-46-3	47
3	Phenol, 2-amino-5,6-dicyano-4-me...	189	C9H7N3O2	1000116-87-8	43
4	Benzene, p-di-tert-pentyl-	218	C16H26	003373-10-2	43
5	1-Phthalazinecarboxamide, 3,4-di...	189	C9H7N3O2	1000337-73-3	38





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Sample : K4152-16
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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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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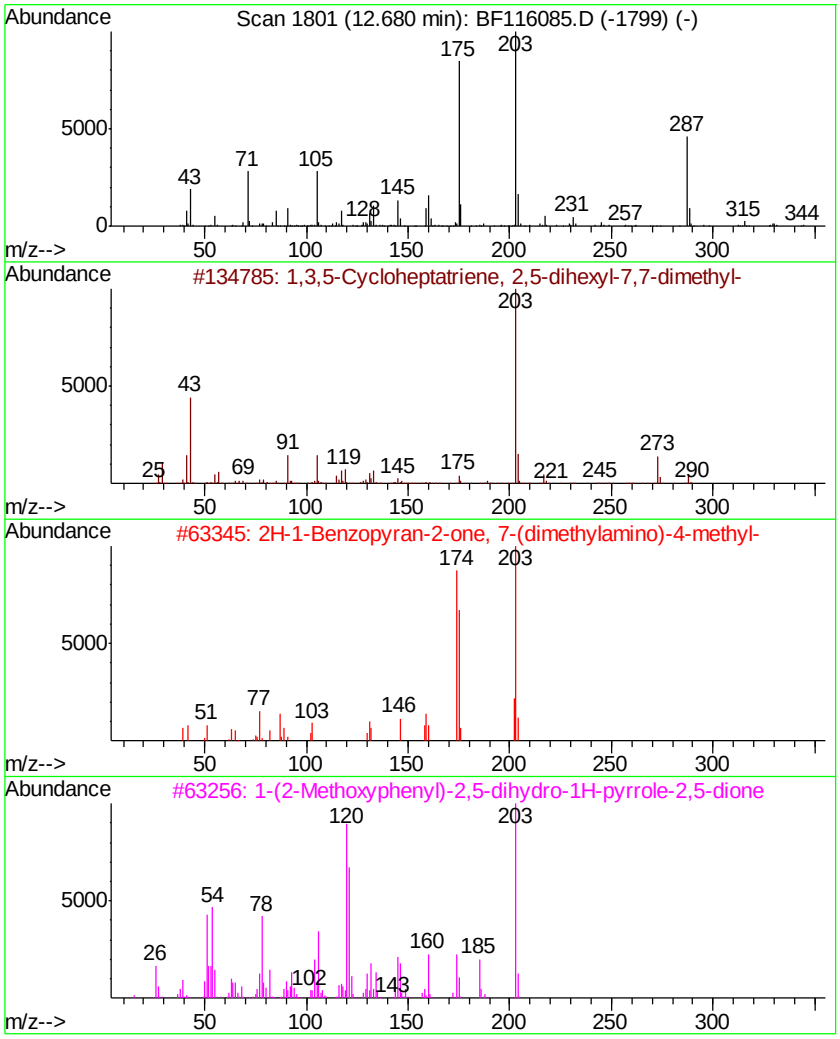
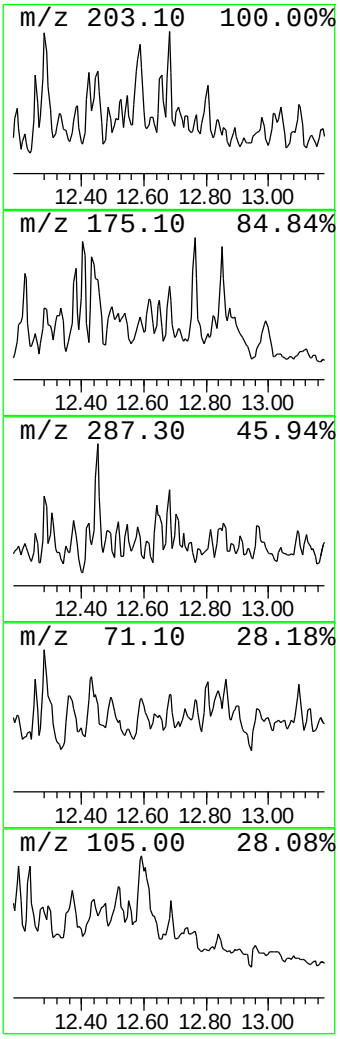
Peak Number 20 unknown12.68 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	5.40 ng	334397	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 2,5-dihe...	288	C21H36	1000160-93-4	38
2	2H-1-Benzopyran-2-one, 7-(dimeth...	203	C12H13NO2	000087-01-4	38
3	1-(2-Methoxyphenyl)-2,5-dihydro-...	203	C11H9NO3	017392-68-6	30
4	Benzene, 1,2,4-tripropyl-	204	C15H24	041898-97-9	27
5	3,4-Dihydro-4-imino-3-methoxyqui...	175	C9H9N3O	015018-64-1	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080819\
Data File : BF116085.D
Acq On : 8 Aug 2019 23:25
Operator : HP/JU
Sample : K4152-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-E1-E4-COMP-(30)

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexane	2.26	8.9	ng	341278	1	6.83	765360	20.0
unknown6.61	6.61	84.1	ng	3219500	1	6.83	765360	20.0
unknown11.25	11.25	6.9	ng	427339	4	11.36	1237580	20.0
unknown11.43	11.43	7.6	ng	472818	4	11.36	1237580	20.0
Benzene, (1-butyl...	11.48	10.3	ng	635412	4	11.36	1237580	20.0
unknown11.51	11.51	9.3	ng	576753	4	11.36	1237580	20.0
Benzamide, 3-meth...	11.58	15.7	ng	973418	4	11.36	1237580	20.0
Pentadecane, 2-me...	11.65	8.0	ng	491689	4	11.36	1237580	20.0
unknown11.75	11.75	10.1	ng	624727	4	11.36	1237580	20.0
Acetamide, N-(2,3...	11.77	8.5	ng	526311	4	11.36	1237580	20.0
unknown11.80	11.80	5.3	ng	324908	4	11.36	1237580	20.0
unknown11.89	11.89	9.8	ng	605597	4	11.36	1237580	20.0
Benzene, (1,1-dim...	11.92	10.0	ng	618522	4	11.36	1237580	20.0
unknown12.10	12.10	13.0	ng	803075	4	11.36	1237580	20.0
unknown12.19	12.19	5.4	ng	333970	4	11.36	1237580	20.0
unknown12.28	12.28	9.2	ng	571521	4	11.36	1237580	20.0
Heptanoic acid (4...	12.36	10.2	ng	633634	4	11.36	1237580	20.0
unknown12.68	12.68	5.4	ng	334397	4	11.36	1237580	20.0