LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

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-BF122419.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	5.051	500	504	515	rBV	153299	191610	14.58%	0.963%
2	5.463	571	574	594	rBV	938774	1070437	81.46%	5.378%
3	6.116	682	685	688	rVB	28714	22301	1.70%	0.112%
4	6.481	744	747	766	rBV	1082857	1229803	93.59%	6.179%
5	6.616	767	770	778	rVV	1522149	1314041	100.00%	6.602%
6	6.845	805	809	816	rBV	515794	422626	32.16%	2.123%
7	6.910	816	820	832	rVV	45719	74833	5.69%	0.376%
8	6.998	832	835	846	rVB	1132775	1044399	79.48%	5.248%
9	7.410	901	905	917	rBV	787984	749710	57.05%	3.767%
10	7.516	921	923	930	rVB	24313	29995	2.28%	0.151%
11	8.134	1024	1028	1036	rBV	552509	533830	40.63%	2.682%
12	9.210	1207	1211	1221	rBV	1478619	1291994	98.32%	6.492%
13	9.551	1266	1269	1272	rVB	34084	26071	1.98%	0.131%
14	9.604	1275	1278	1286	rVB	65333	65548	4.99%	0.329%
15	9.892	1323	1327	1331	rBV	734961	604841	46.03%	3.039%
16	10.222	1380	1383	1386	rBV	92798	81124	6.17%	0.408%
17	10.616	1447	1450	1455	rBV6	12968	21103	1.61%	0.106%
18	10.686	1458	1462	1473	rVV	902526	866396	65.93%	4.353%
19	11.116	1531	1535	1541	rBV	324342	300075	22.84%	1.508%
20	11.280	1559	1563	1568	rVB5	31590	38426	2.92%	0.193%
21	11.327	1568	1571	1575	rBV3	48788	46138	3.51%	0.232%
22	11.386	1578	1581	1583	rVV	634353	524475	39.91%	2.635%
23	11.410	1583	1585	1591	rVB	181501	185158	14.09%	0.930%
24	11.651	1623	1626	1628	rVB2	30890	24665	1.88%	0.124%
25	11.839	1655	1658	1662	rBV4	41660	64627	4.92%	0.325%
26	11.886	1662	1666	1668	rVV3	71569	100094	7.62%	0.503%
27	11.910	1668	1670	1677	rVV3	212338	272332	20.72%	1.368%
28	11.969	1677	1680	1684	rVV2	155270	159833	12.16%	0.803%
29	12.004	1684	1686	1690	rVV3	43839	44796	3.41%	0.225%
30	12.086	1697	1700	1702	rBV3	50323	66085	5.03%	0.332%
31	12.116	1703	1705	1714	rVB10	49855	100850	7.67%	0.507%
32	12.227	1721	1724	1727	rBV3	63562	71513	5.44%	0.359%
33	12.363	1744	1747	1749	rBV2	80476	90659	6.90%	0.456%
34	12.469	1763	1765	1767	rBV2	51201	54661	4.16%	0.275%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

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-BF122419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.498	1767	1770	1774	rVB5	168815	158223	12.04%	0.795%
36	12.610	1786	1789	1794	rBV	425023	475449	36.18%	2.389%
37	12.669	1797	1799	1801	rVV	157797	137542	10.47%	0.691%
38	12.692	1801	1803	1808	rVB4	272150	279313	21.26%	1.403%
39	12.798	1817	1821	1822	rBV	446316	424646	32.32%	2.134%
40	12.816	1822	1824	1826	rVV2	421151	367197	27.94%	1.845%
41	12.839	1826	1828	1831	rVB	340146	301274	22.93%	1.514%
42	12.910	1838	1840	1844	rVB	355110	341174	25.96%	1.714%
43	12.974	1848	1851	1857	rVV	1348073	1238623	94.26%	6.223%
44	13.304	1905	1907	1909	rBV2	157539	152831	11.63%	0.768%
45	13.510	1940	1942	1944	rBV	246183	213813	16.27%	1.074%
46	14.045	2030	2033	2036	rVB2	619792	609710	46.40%	3.063%
47	14.957	2185	2188	2193	rVB	437704	502677	38.25%	2.526%
48	15.151	2218	2221	2224	rBV	540461	588051	44.75%	2.955%
49	15.180	2224	2226	2234	rVB3	571504	875566	66.63%	4.399%
50	15.539	2284	2287	2292	rVB2	515581	678798	51.66%	3.411%
51	15.974	2358	2361	2368	rVB	510152	772804	58.81%	3.883%

Sum of corrected areas: 19902740

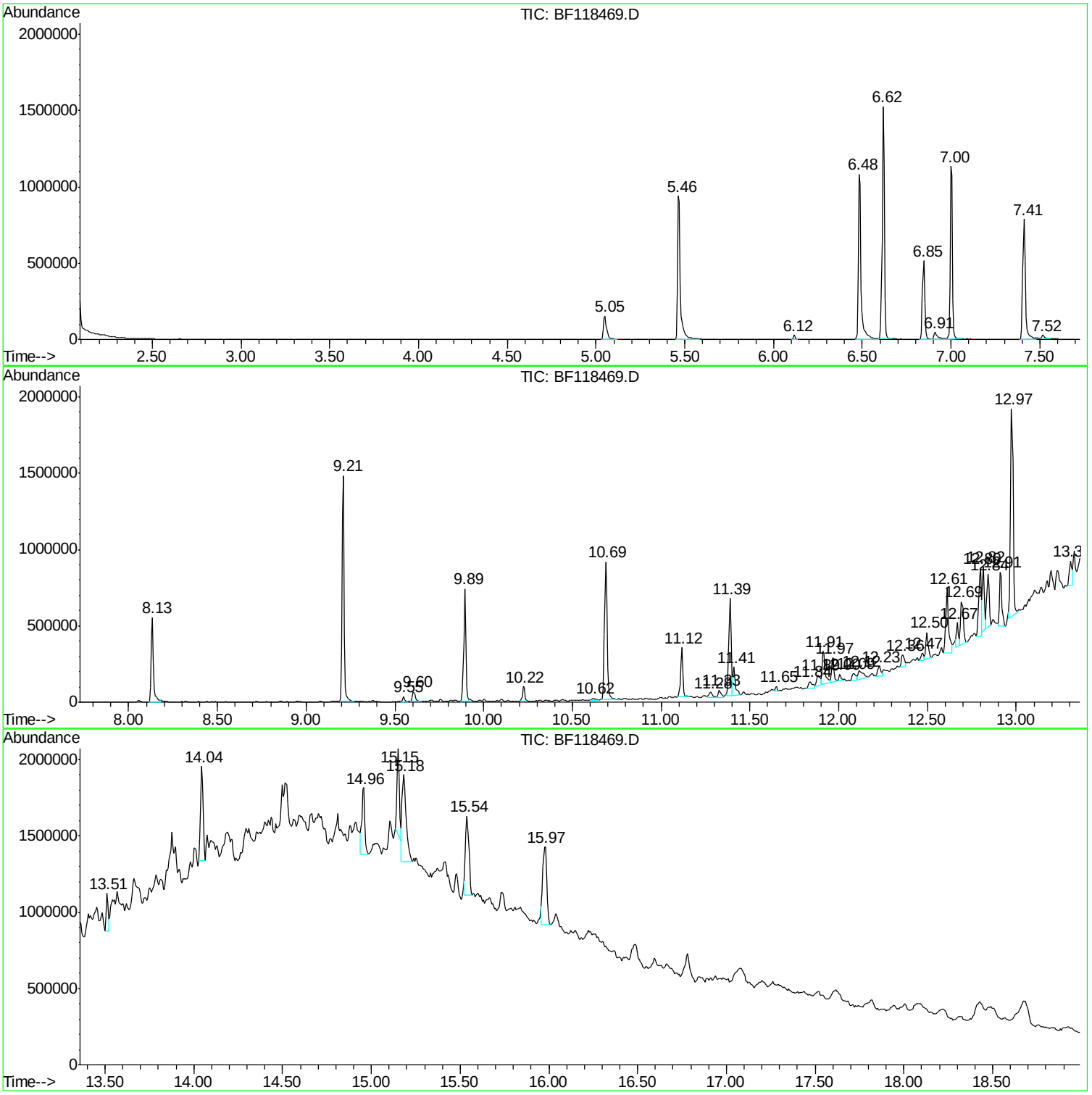
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

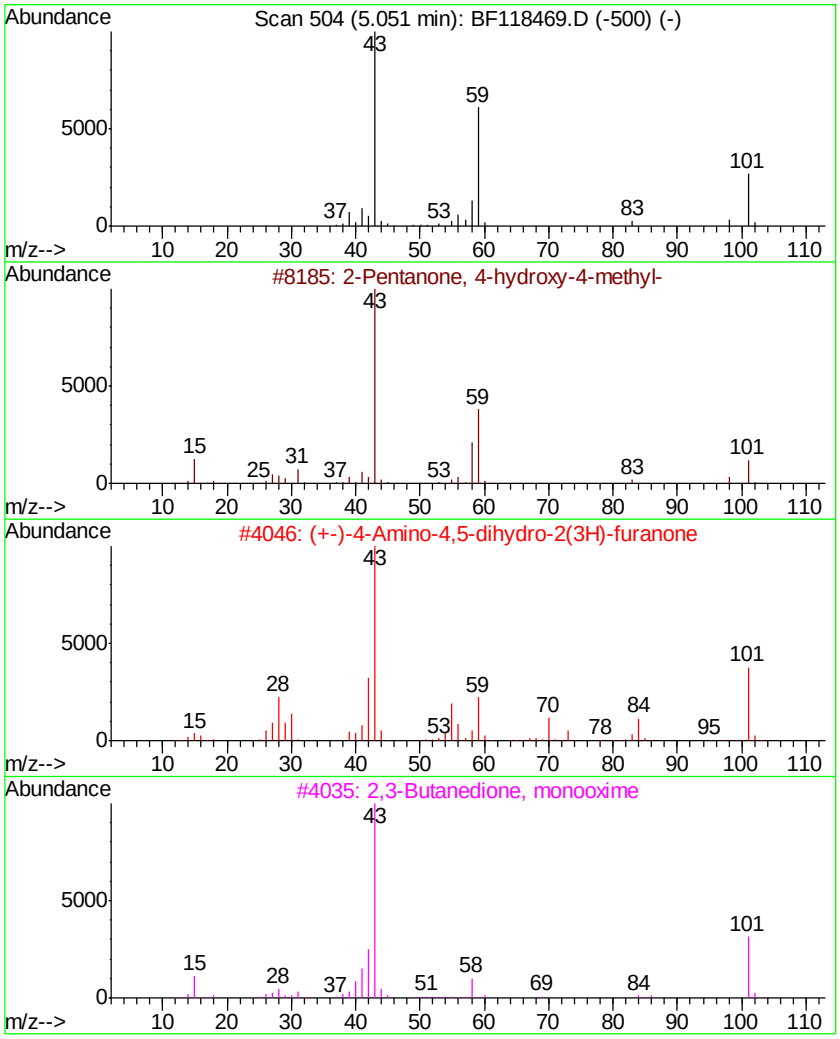
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

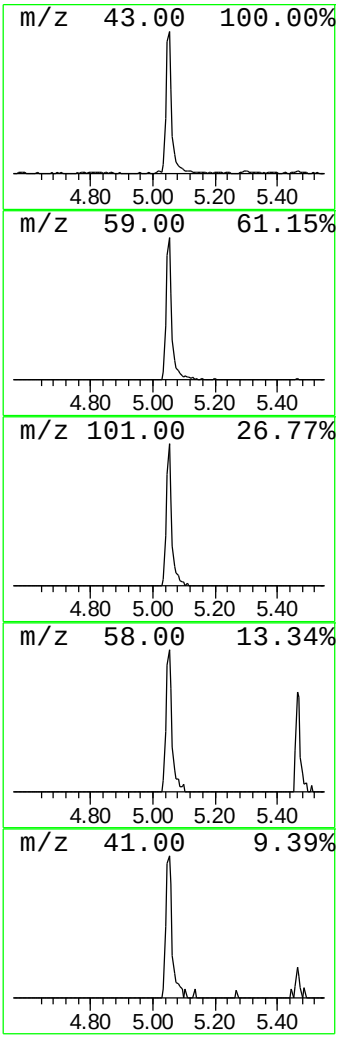
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	9.07 ng	191610	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1,2-Butanediol	90	C4H10O2	000584-03-2	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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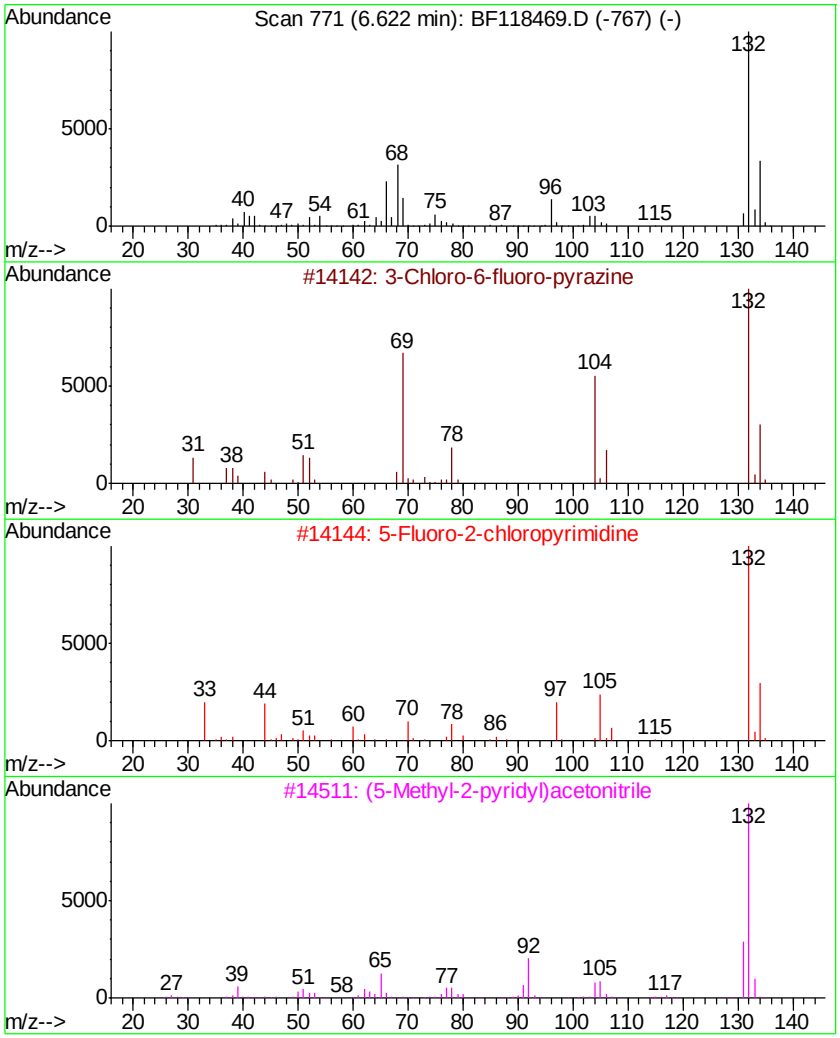
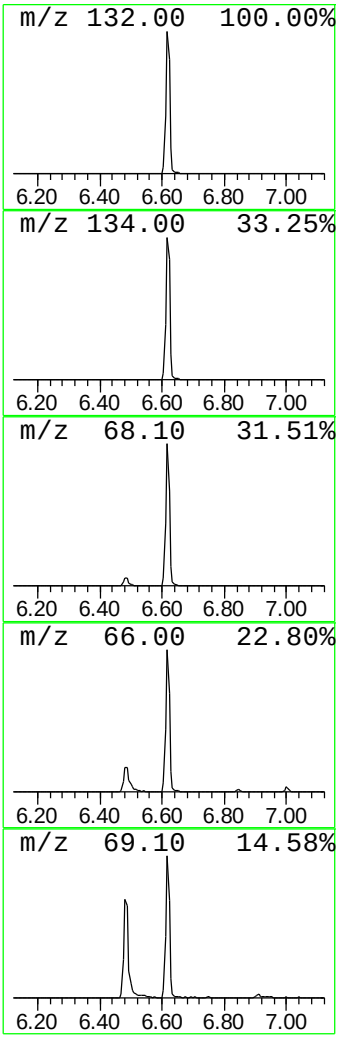
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	62.18 ng	1314040	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

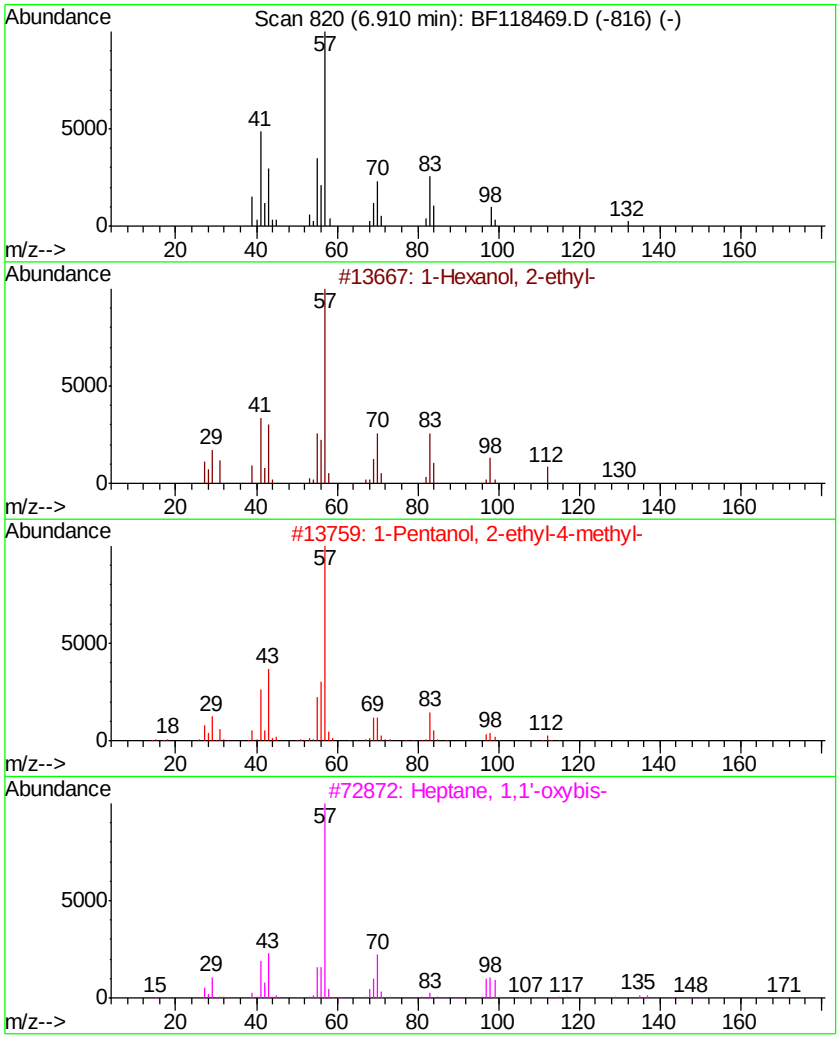
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

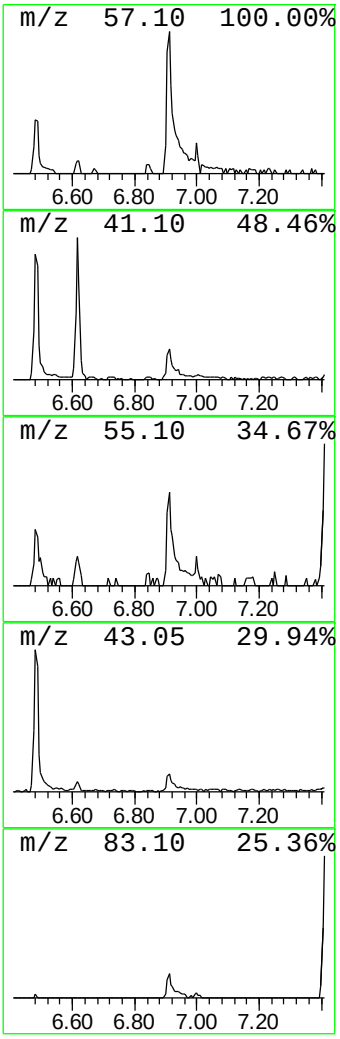
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	3.54 ng	74833	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47
5	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

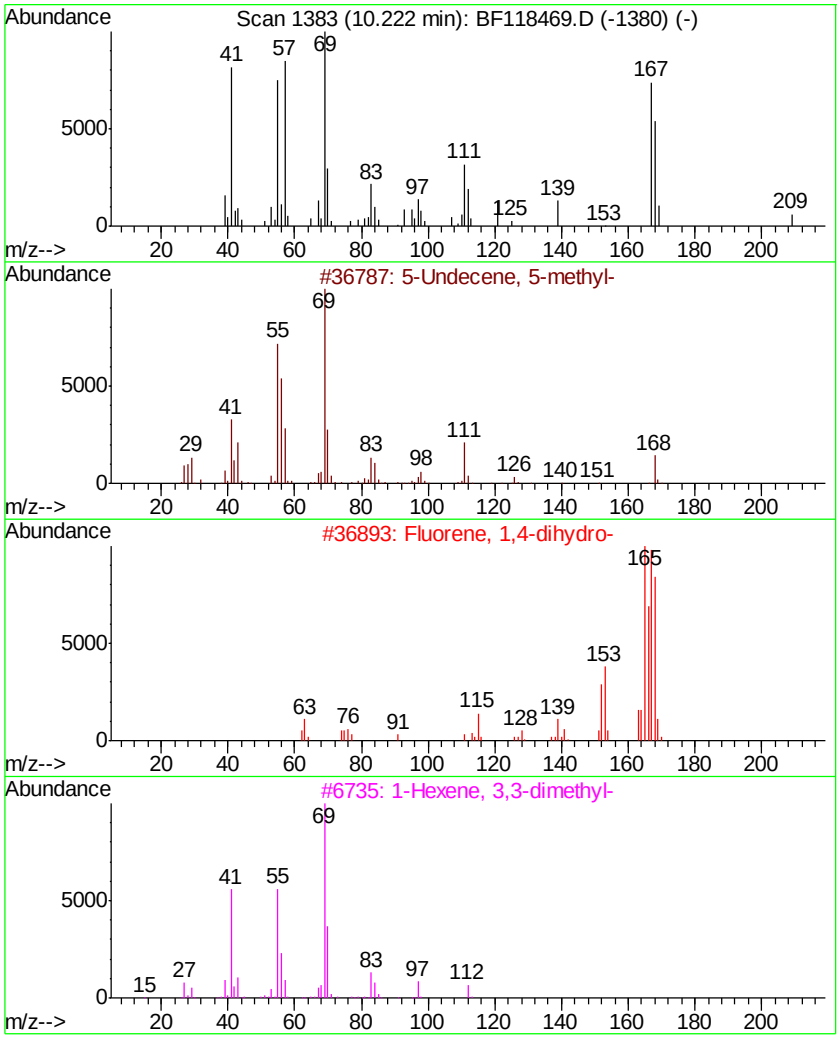
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

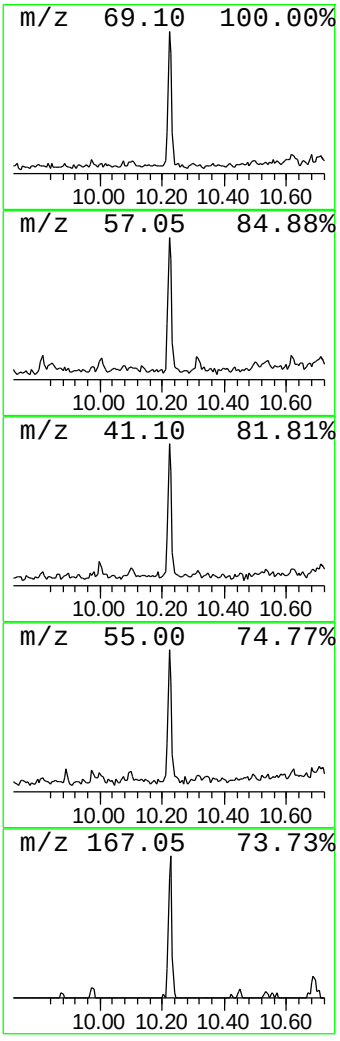
****

Peak Number 5 unknown10.22 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	2.68 ng	81124	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene, 5-methyl-	168	C12H24	031613-73-7	43
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	35
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	27
5	3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

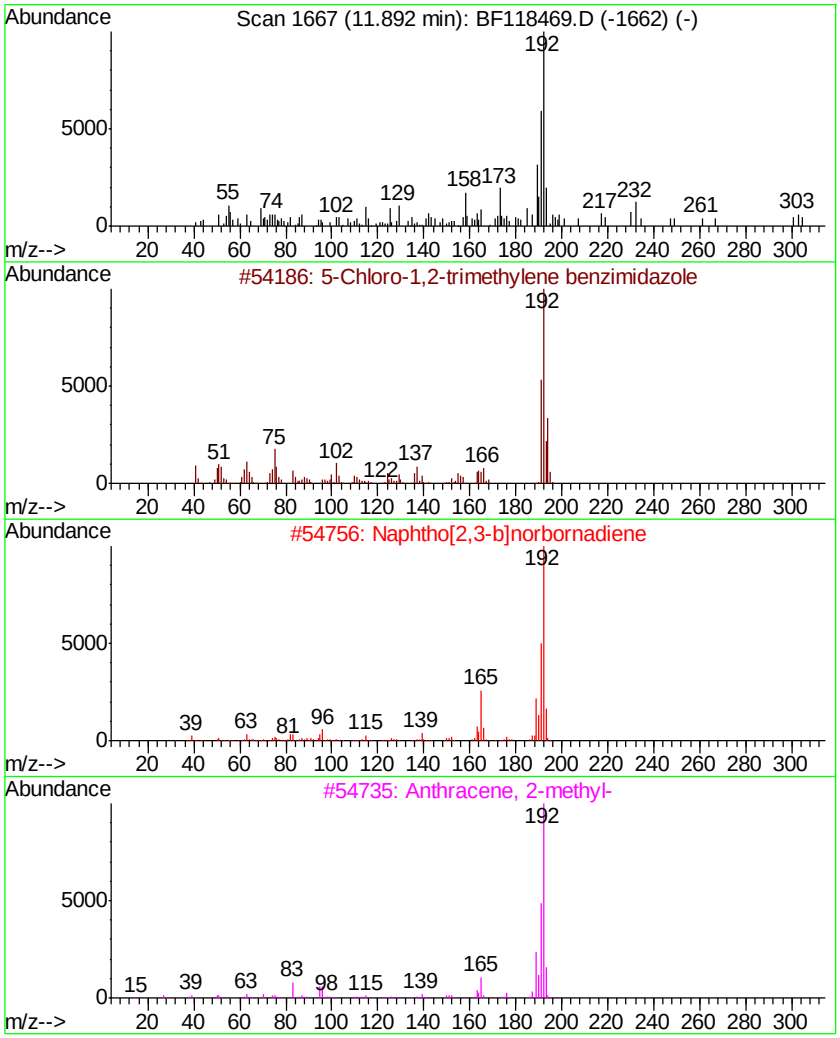
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

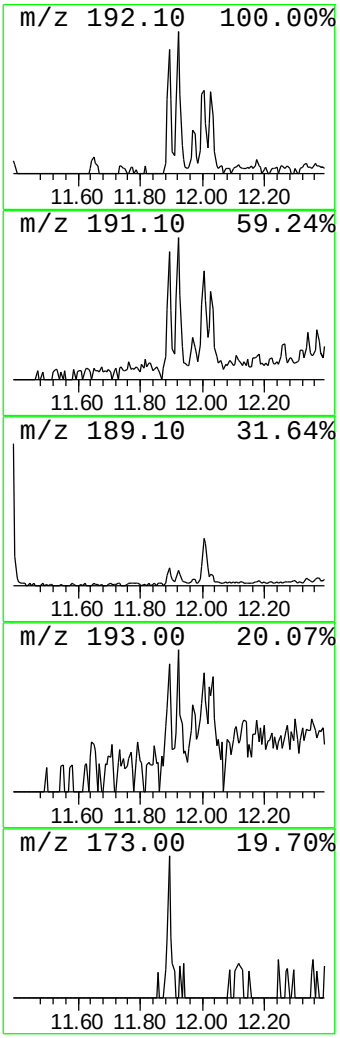
****

Peak Number 7 unknown11.89 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.82 ng	100094	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloro-1,2-trimethylene benzim...	192	C10H9ClN2	010252-95-6	38
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	30
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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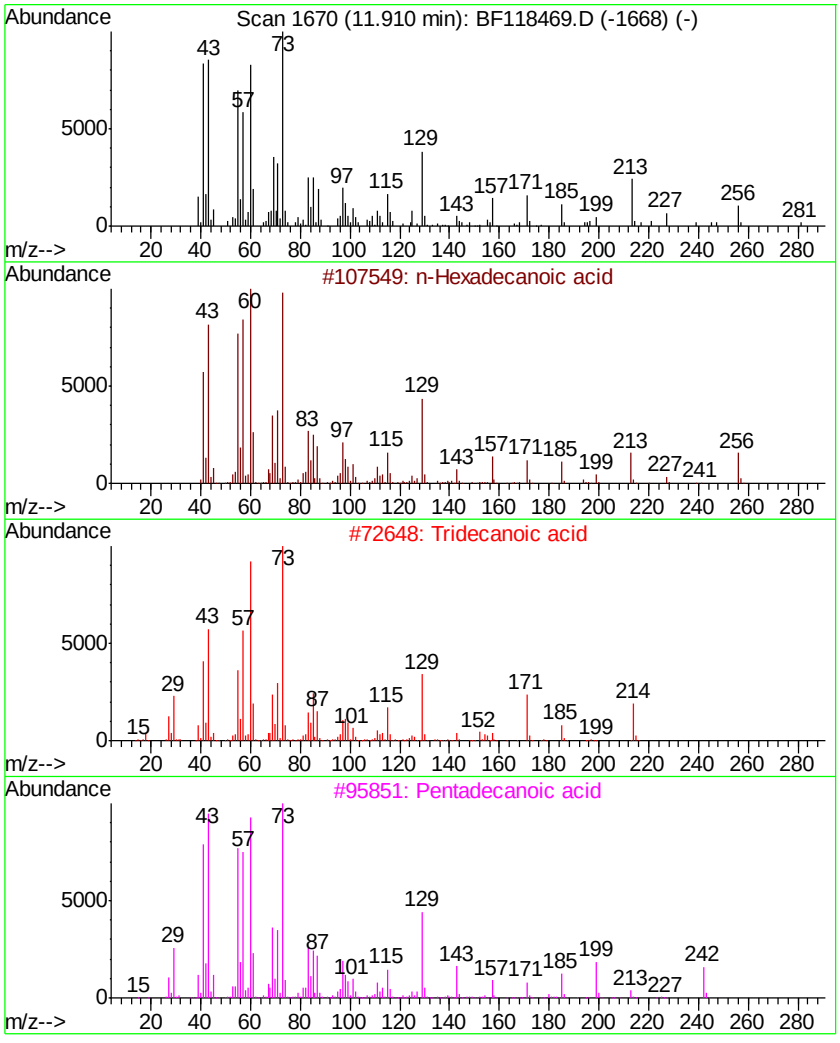
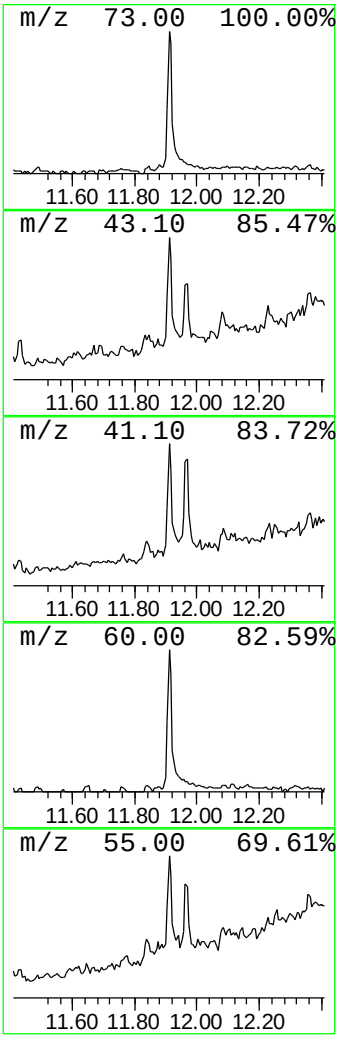
Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	10.38 ng	272332	Phenanthrene-d10	11.39

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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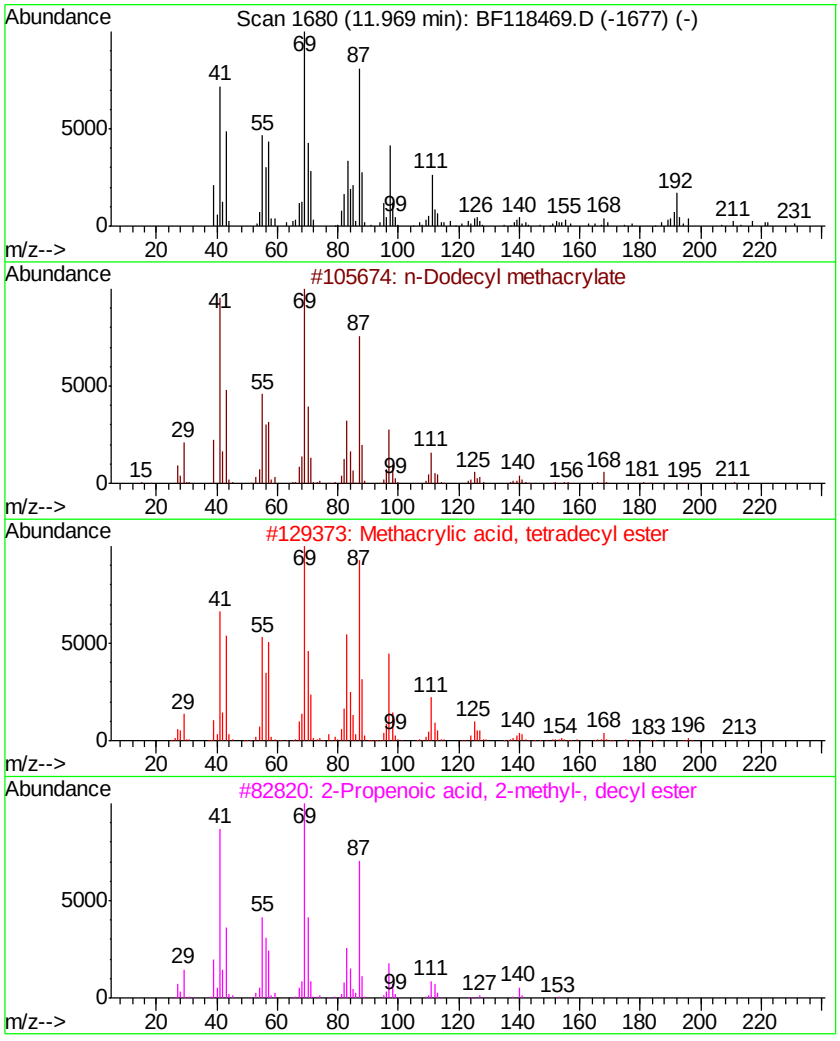
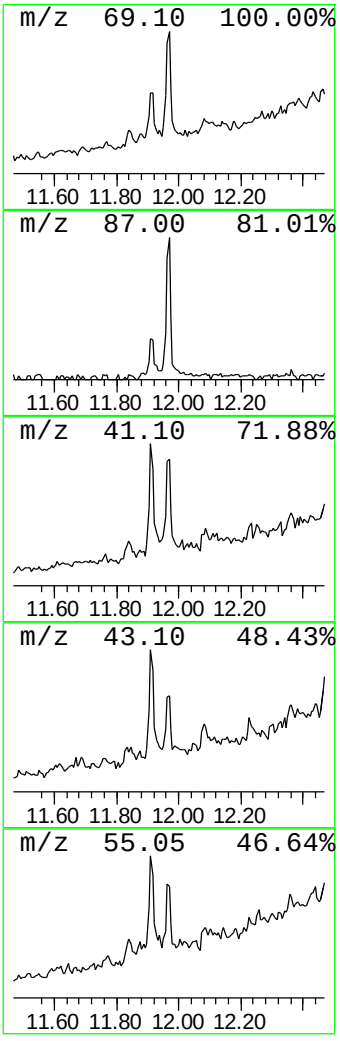
Peak Number 9 n-Dodecyl methacrylate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.09 ng	159833	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	80
2	Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	58
3	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	58
4	1-Tetradecene	196	C14H28	001120-36-1	53
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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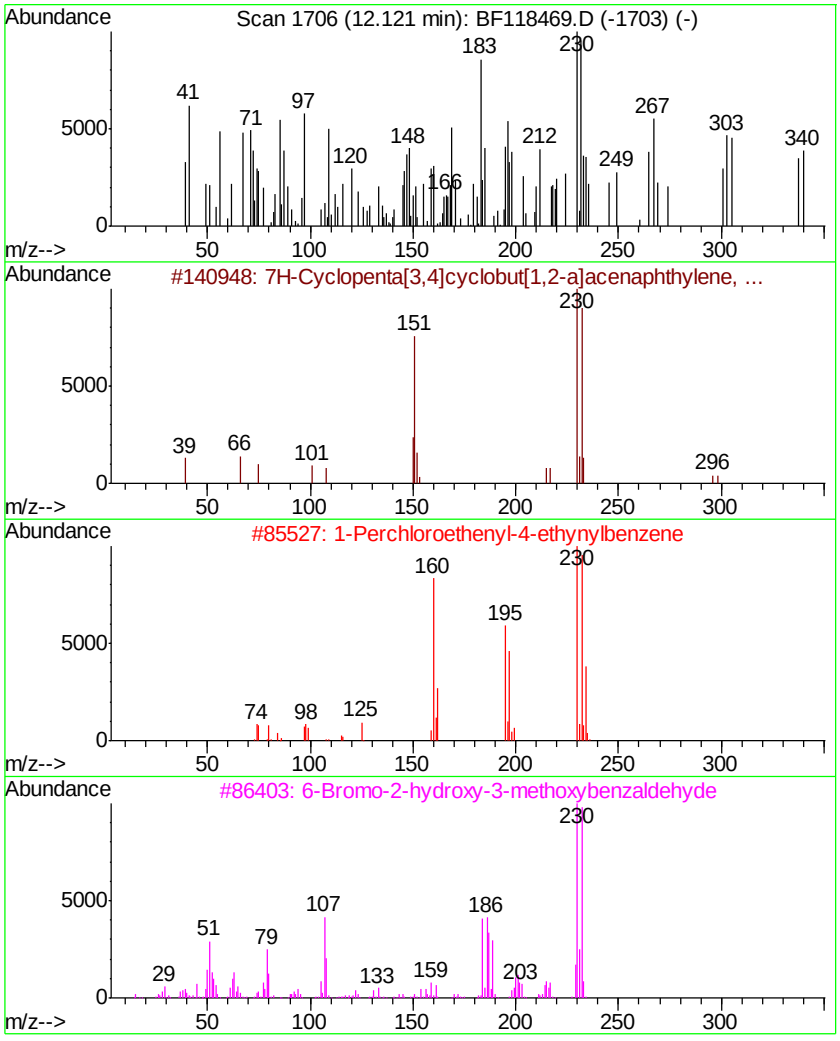
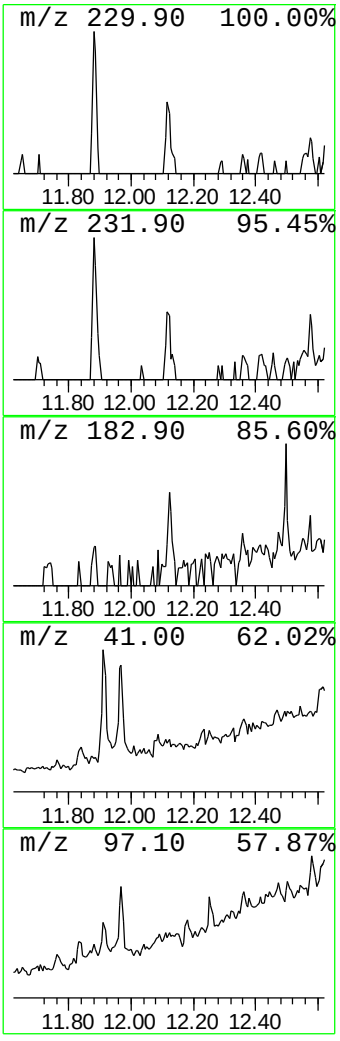
Peak Number 10 unknown12.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.85 ng	100850	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Cyclopenta[3,4]cyclobut[1,2-a...	296	C17H13Br	050682-98-9	43
2	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	41
3	6-Bromo-2-hydroxy-3-methoxybenza...	230	C8H7BrO3	020035-41-0	25
4	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	25
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	25





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Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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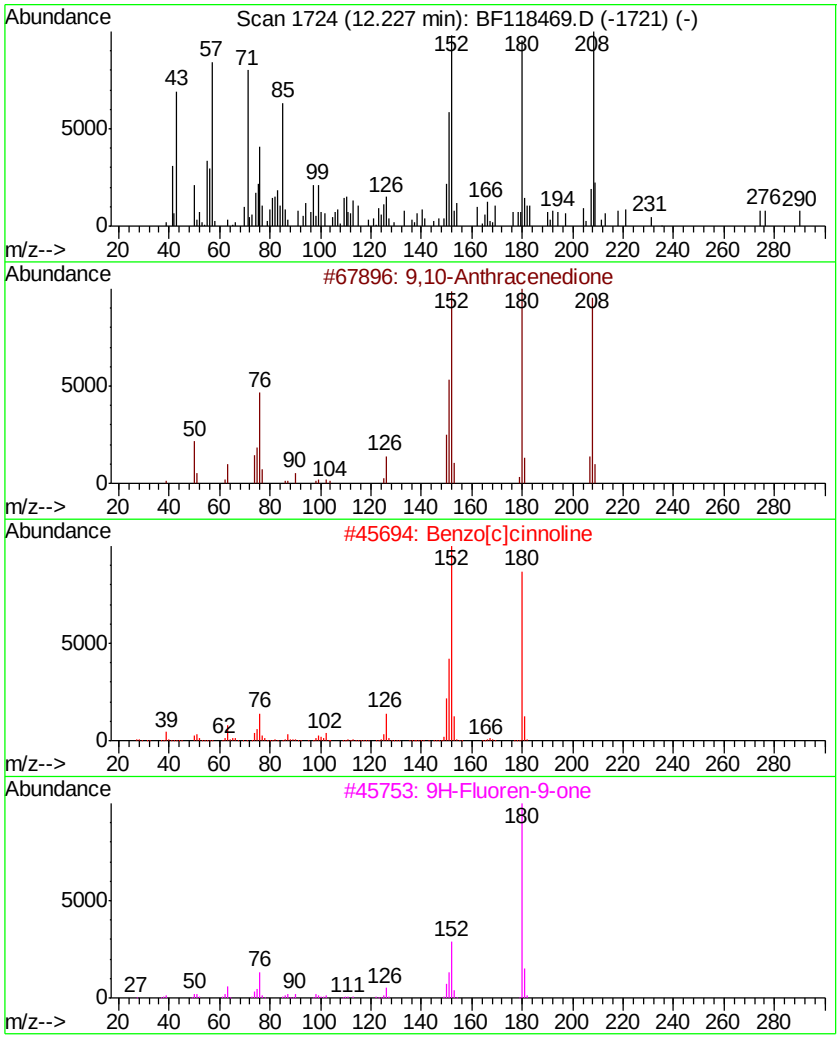
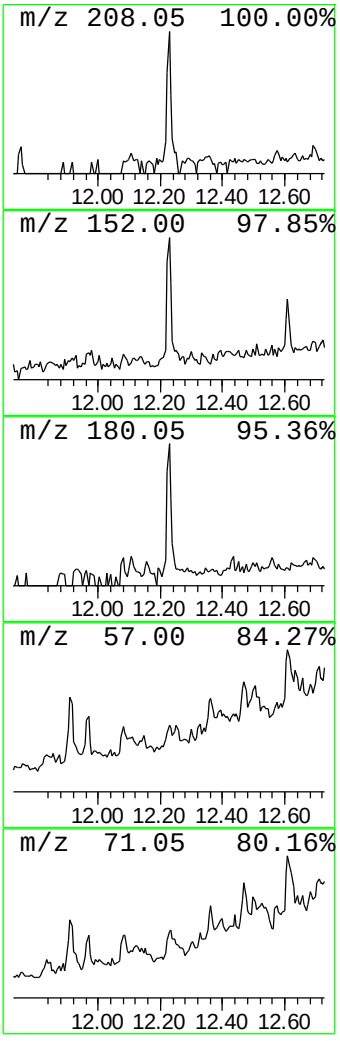
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.73 ng	71513	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	41
4	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	41
5	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	30





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Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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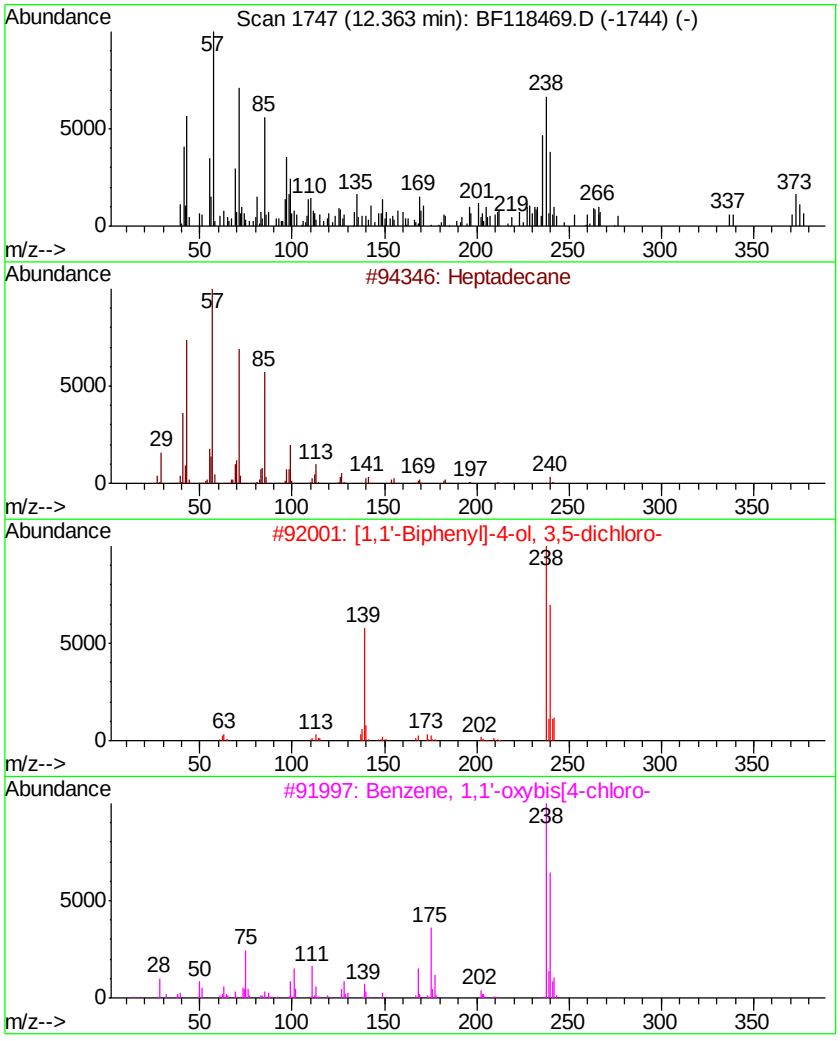
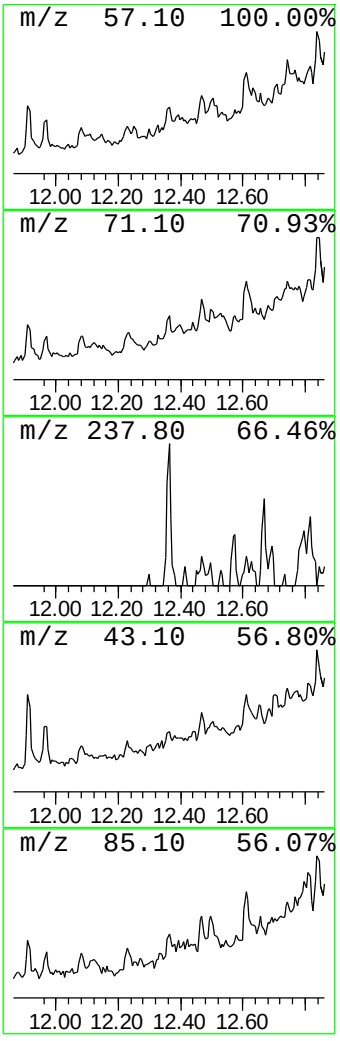
Peak Number 12 unknown12.36 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.46 ng	90659	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	35
2	[1,1'-Biphenyl]-4-ol, 3,5-dichloro-	238	C12H8Cl2O	001137-59-3	35
3	Benzene, 1,1'-oxybis[4-chloro-	238	C12H8Cl2O	002444-89-5	20
4	Pyrimido[5,4-b]benzofuran, 4,8-d...	238	C10H4Cl2N2O	294874-71-8	20
5	Pentadecane	212	C15H32	000629-62-9	15





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Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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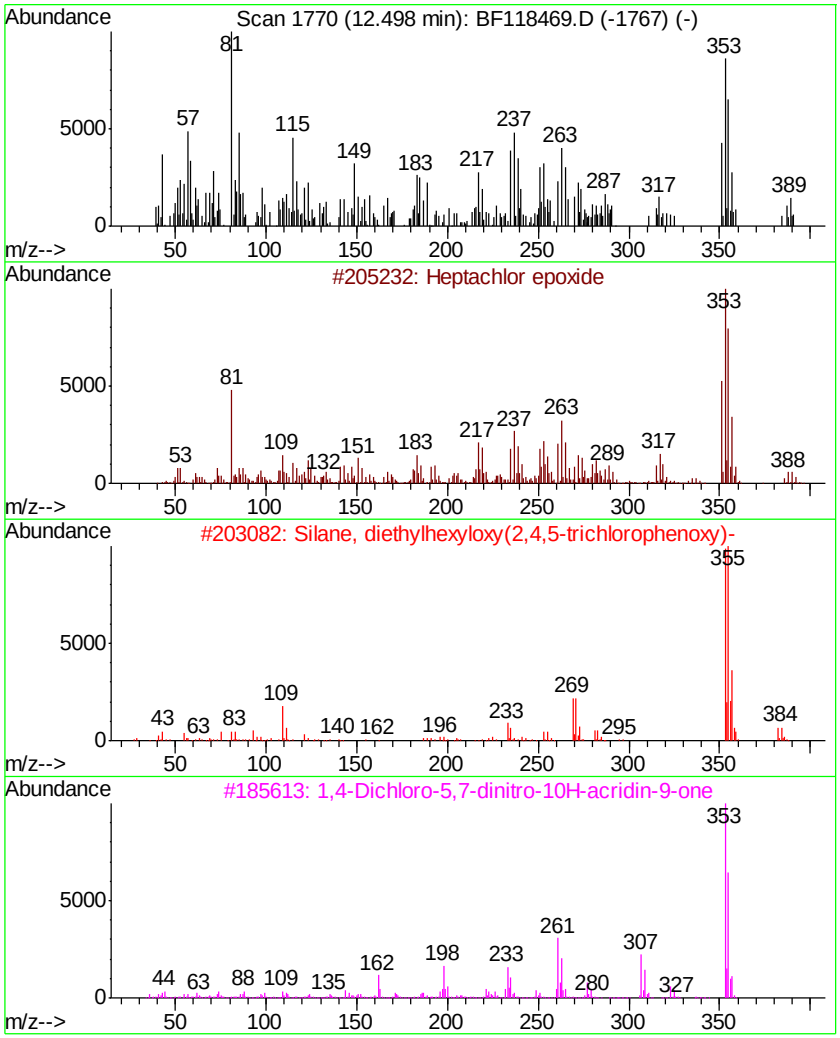
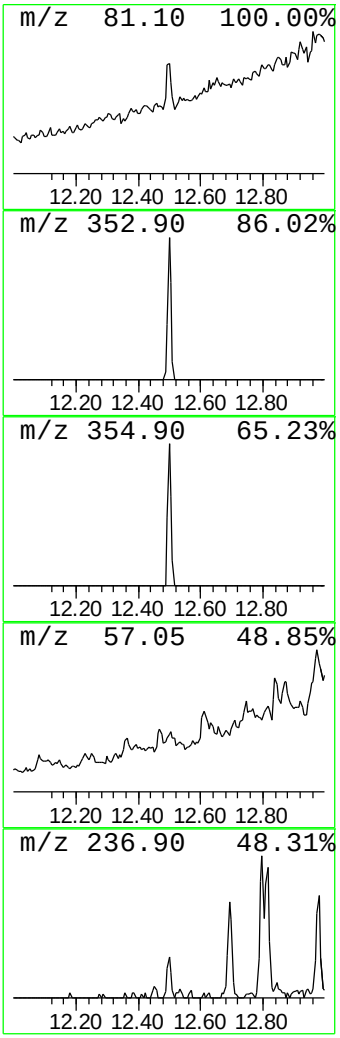
Peak Number 13 Heptachlor epoxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.03 ng	158223	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptachlor epoxide	386	C10H5Cl7O	001024-57-3	98
2	Silane, diethylhexyloxy(2,4,5-tr...	382	C16H25Cl3O2Si	1000363-35-4	30
3	1,4-Dichloro-5,7-dinitro-10H-acr...	353	C13H5Cl2N3O5	148877-13-8	30
4	Niflumic acid, trimethylsilyl ester	354	C16H17F3N2O2Si	1000297-93-1	12
5	Fluoren-9-one, 4-amino-1,3-dibromo-	351	C13H7Br2NO	1000305-07-2	12





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Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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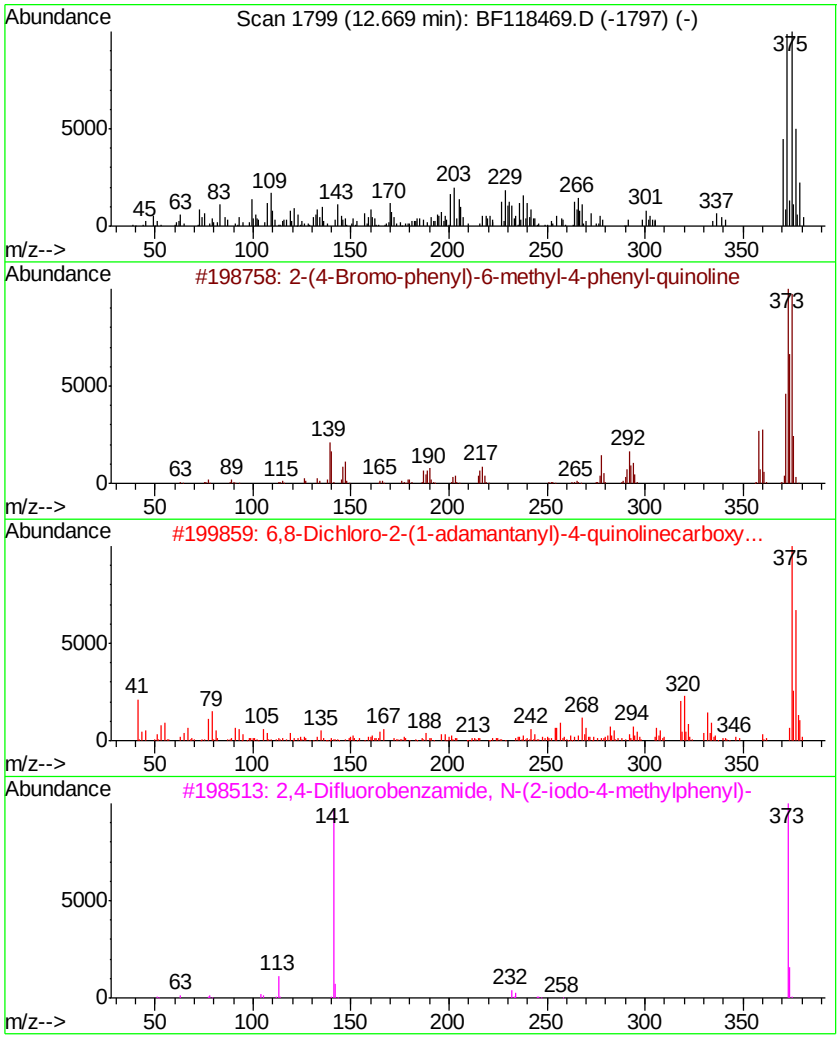
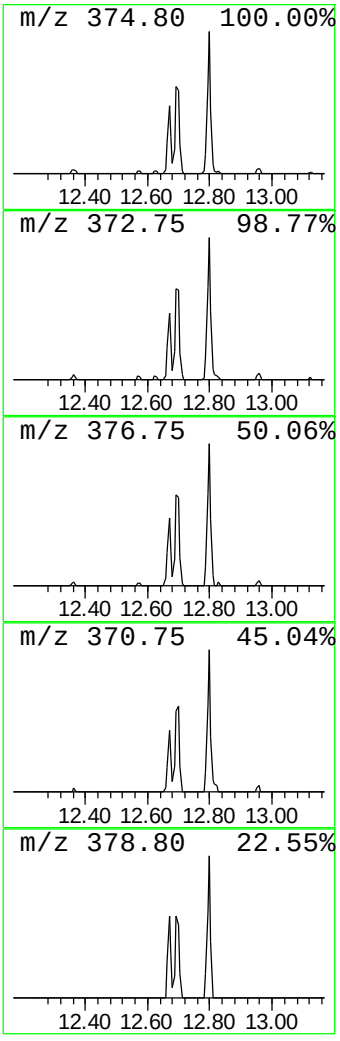
Peak Number 14 unknown12.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.24 ng	137542	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Bromo-phenyl)-6-methyl-4-ph...	373	C22H16BrN	071858-09-8	25
2	6,8-Dichloro-2-(1-adamantanyl)-4...	375	C20H19Cl2NO2	049647-91-8	17
3	2,4-Difluorobenzamide, N-(2-iodo...	373	C14H10F2INO	1000358-06-2	14
4	1-Piperidinecarbodithioic acid, ...	408	C12H10Cl3F3N2S2	1000305-31-5	12
5	Quinoline, N-oxy-4-[2-[3-[p-chlo...	373	C23H16ClNO2	1000211-32-6	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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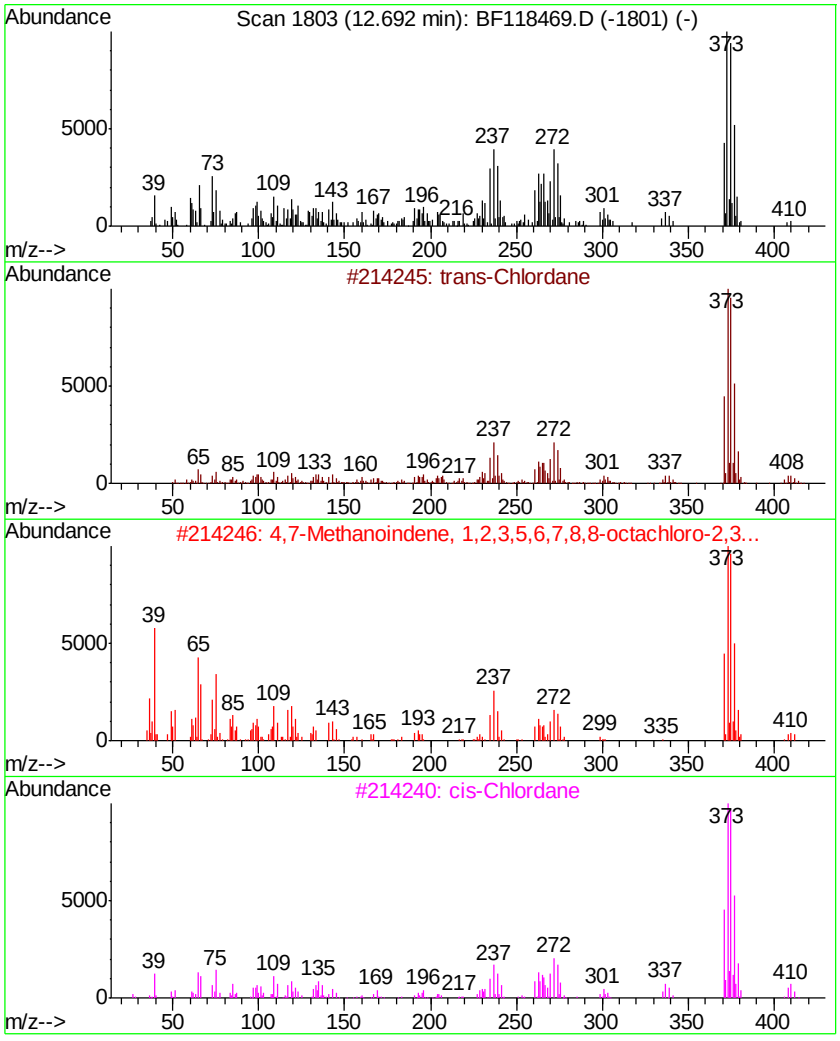
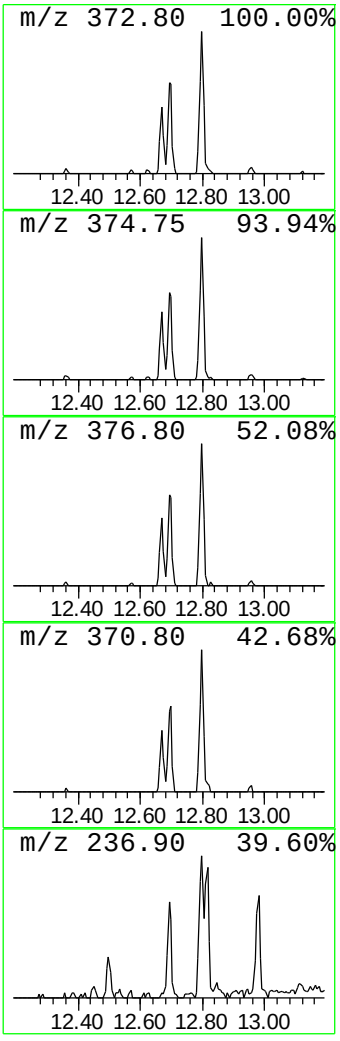
Peak Number 15 trans-Chlordane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	10.65 ng	279313	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	94
3	cis-Chlordane	406	C10H6Cl8	005103-71-9	91
4	Chlordane	406	C10H6Cl8	000057-74-9	64
5	2-[3,4-Dichlorophenyl]-6,8-dichl...	371	C16H9Cl4NO	038599-01-8	20





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Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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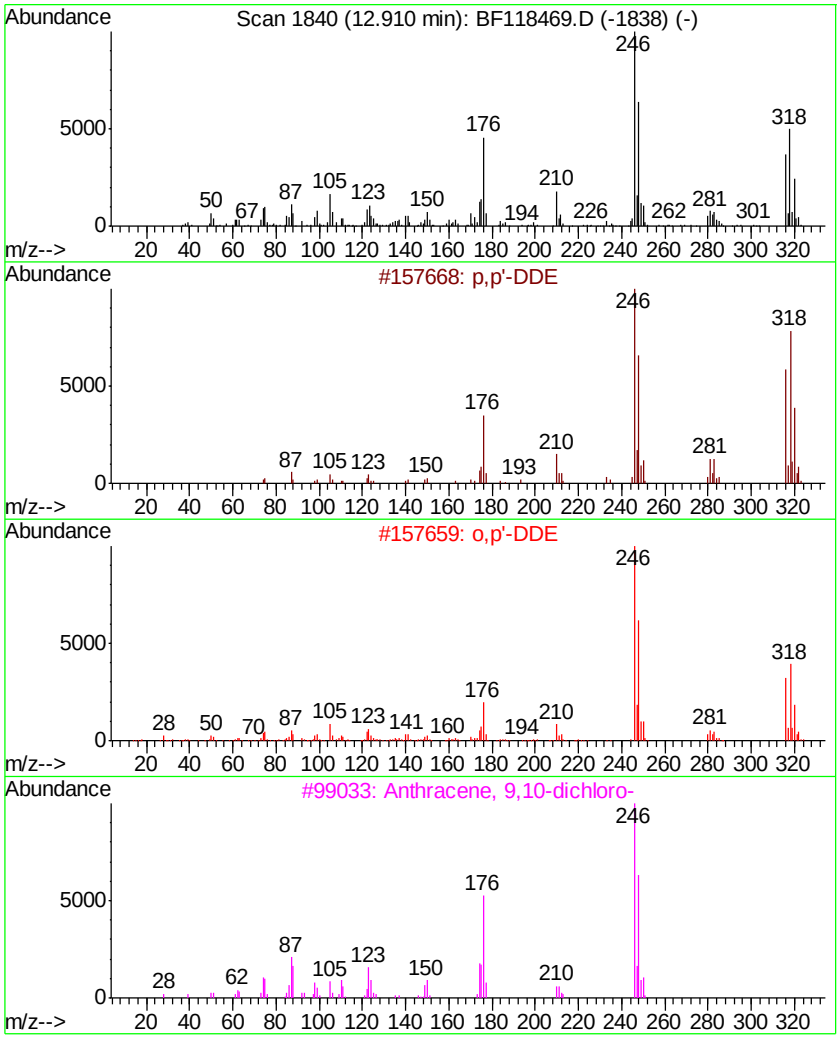
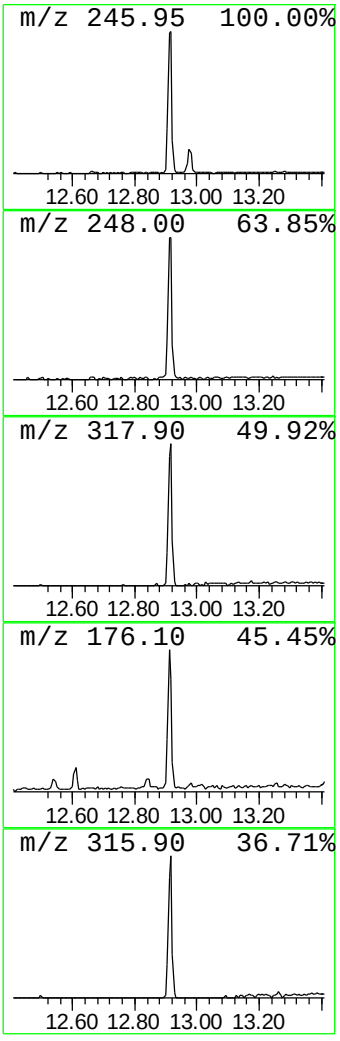
Peak Number 16 p,p'-DDE Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	11.19 ng	341174	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
2	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
3	Anthracene, 9,10-dichloro-	246	C14H8Cl2	000605-48-1	98
4	Bis[p-chlorophenyl]acetylene	246	C14H8Cl2	001820-42-4	96
5	Benzene, 1,1'-(1,2-dichloro-1,2-...	316	C14H8Cl4	088970-69-8	94





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Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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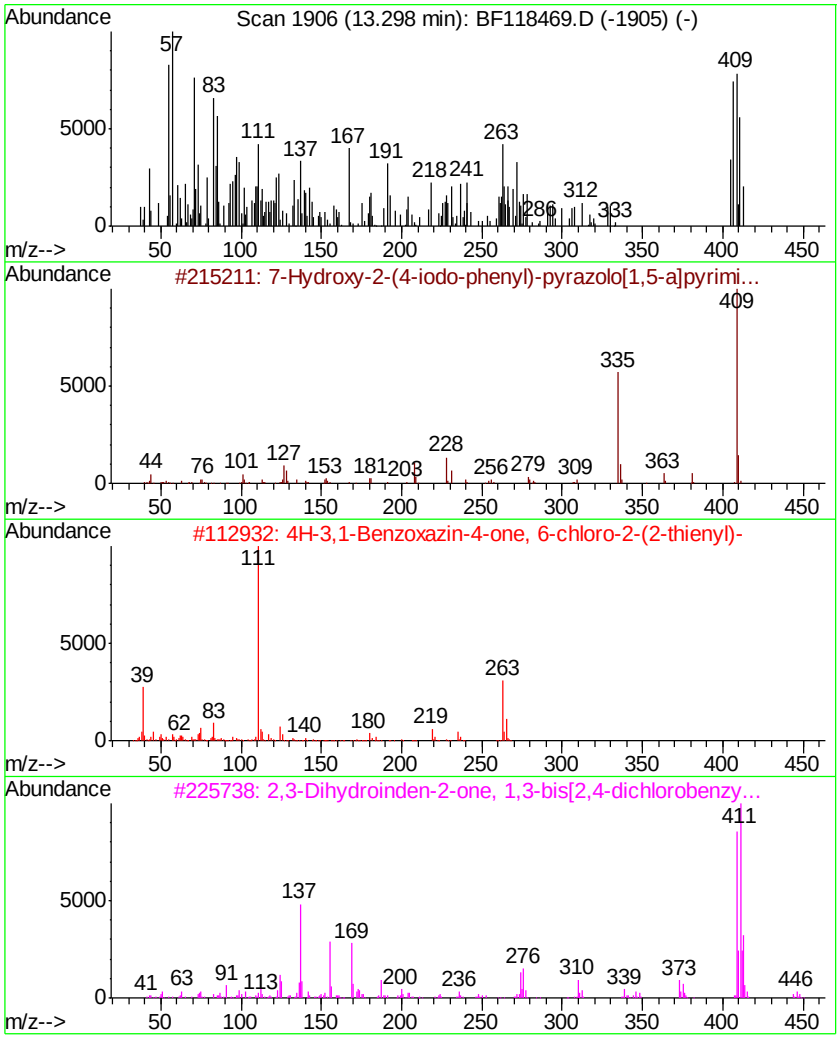
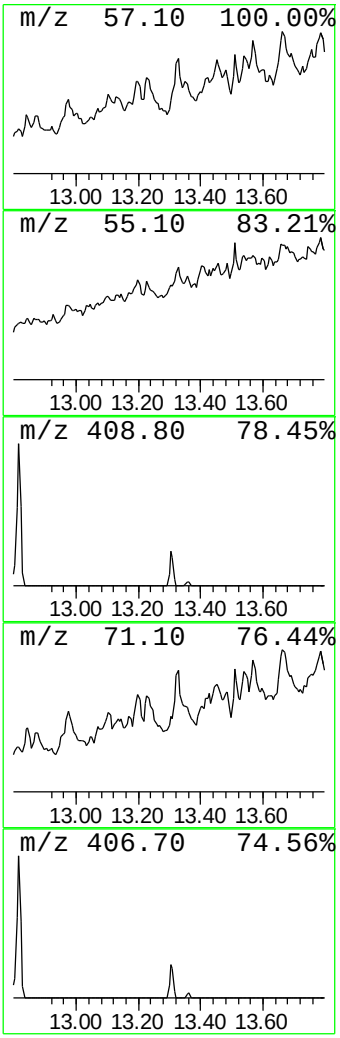
Peak Number 17 unknown13.30 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	5.01 ng	152831	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hydroxy-2-(4-iodo-phenyl)-pyra...	409	C15H12IN3O3	331739-39-0	14
2	4H-3,1-Benzoxazin-4-one, 6-chlor...	263	C12H6ClNO2S	073314-31-5	11
3	2,3-Dihydroinden-2-one, 1,3-bis[...	444	C23H12Cl4O	1000252-11-0	10
4	Silane, diethyl(4-chlorobenzylox...	440	C25H45ClO2Si	1000363-13-7	10
5	(6-Chloro-3-nitro-4-phenyl-quino...	409	C21H13Cl2N3O2	1000317-91-7	10





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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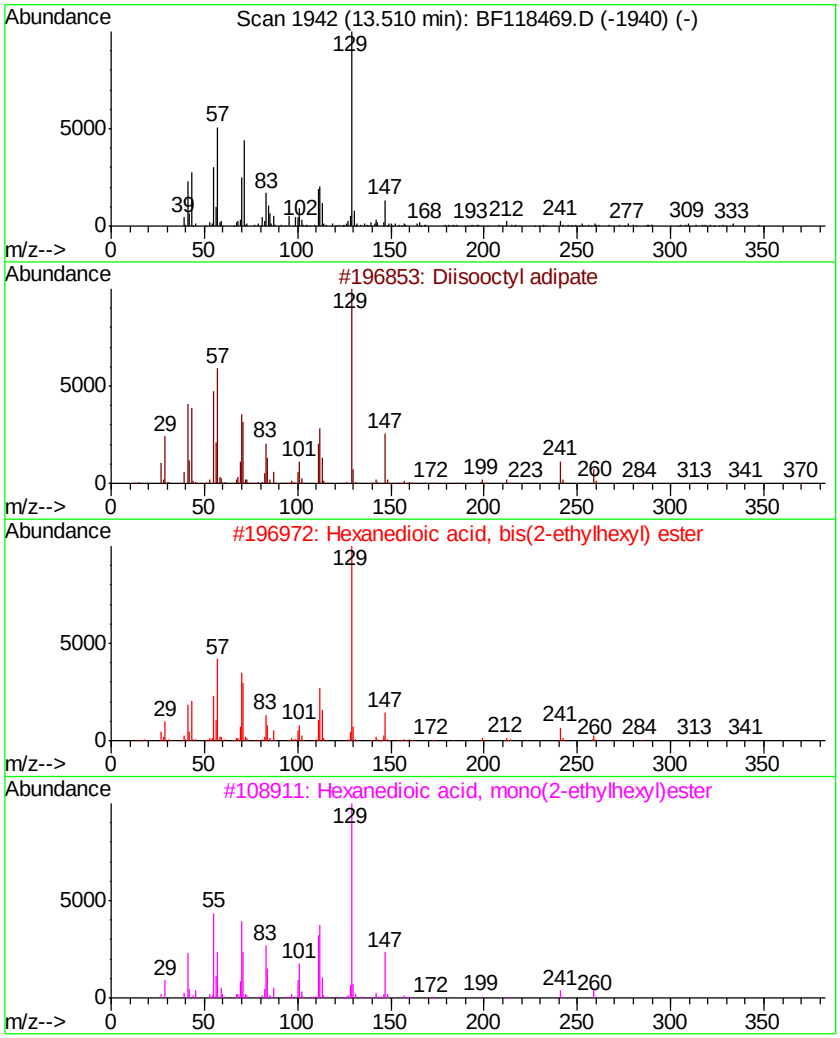
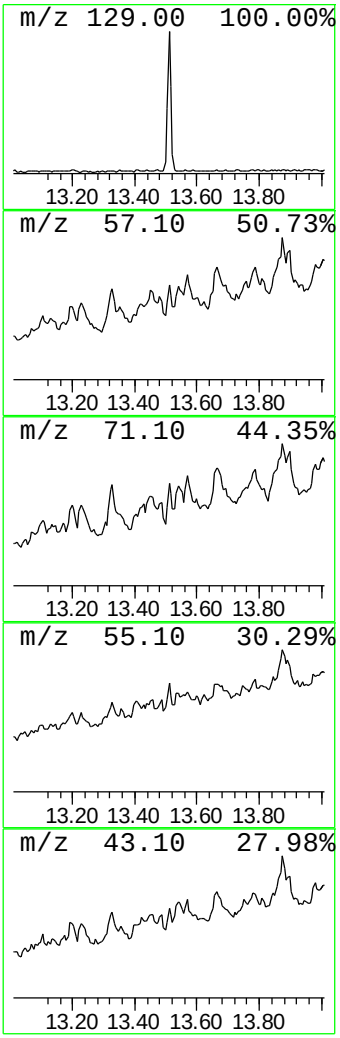
Peak Number 18 Diisooctyl adipate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	7.01 ng	213813	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	80
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	74
3	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	52
4	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	47
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
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Operator : JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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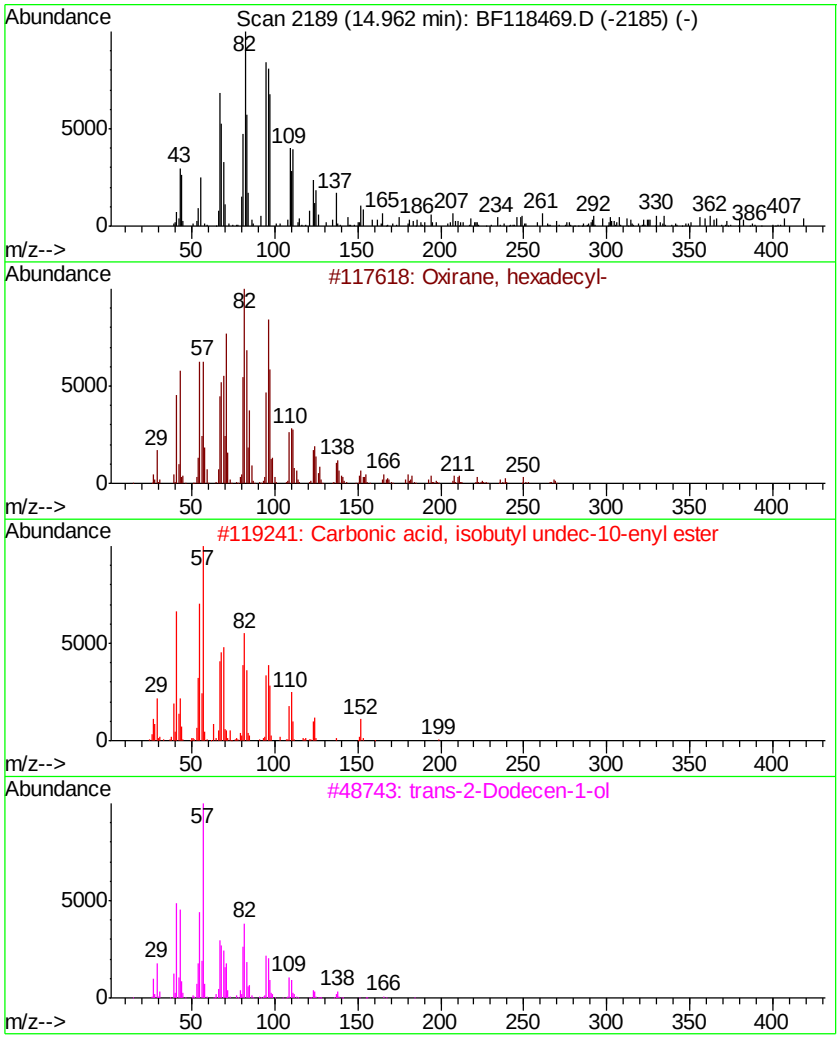
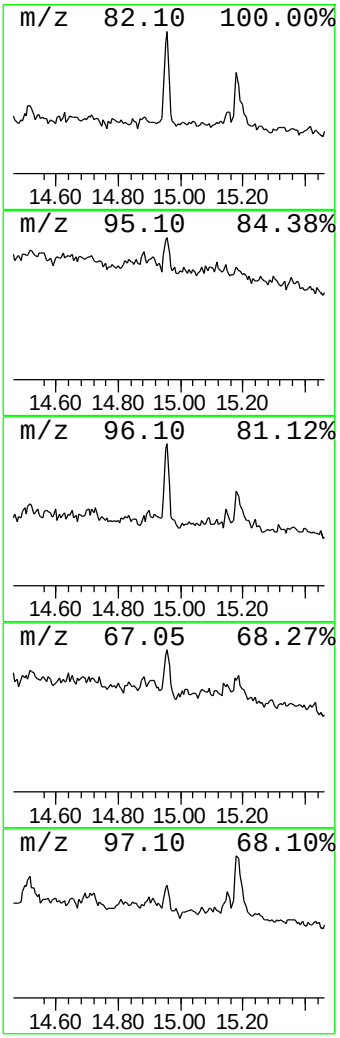
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	14.81 ng	502677	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
2	Carbonic acid, isobutyl undec-10...	270	C16H30O3	1000314-60-8	86
3	trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	80
4	Cyclododecanol	184	C12H24O	001724-39-6	80
5	cis-11-Tetradecen-1-ol	212	C14H28O	034010-15-6	72





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Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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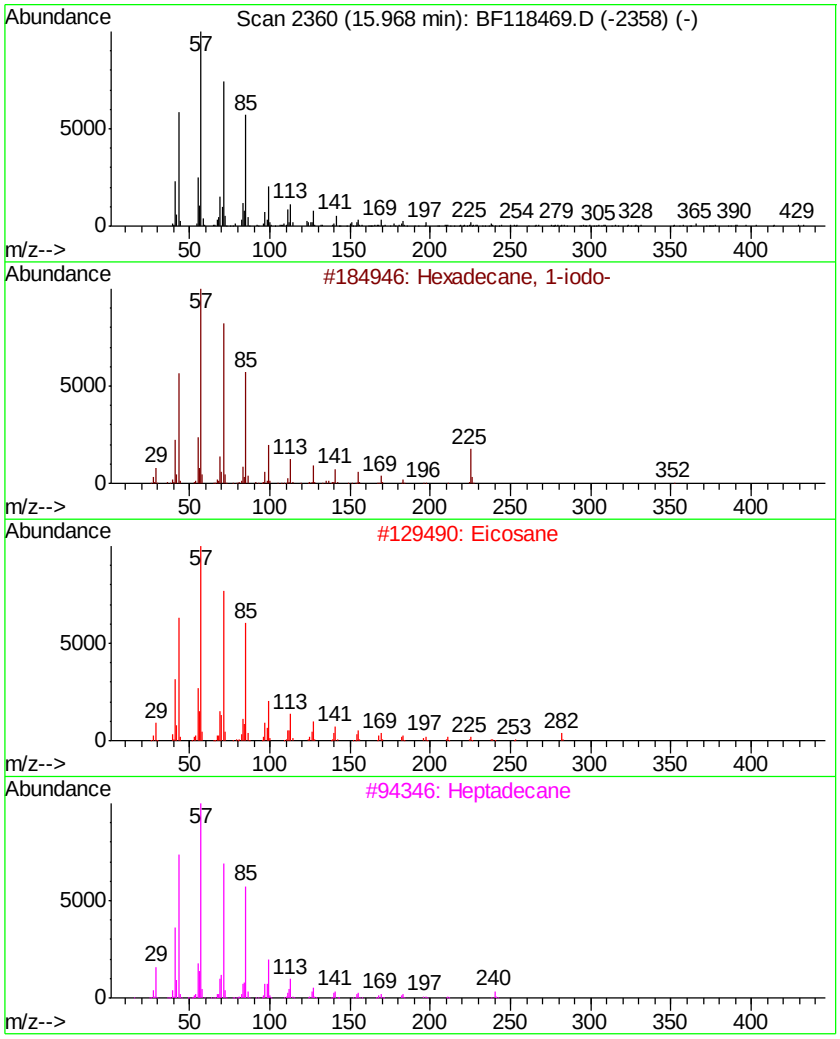
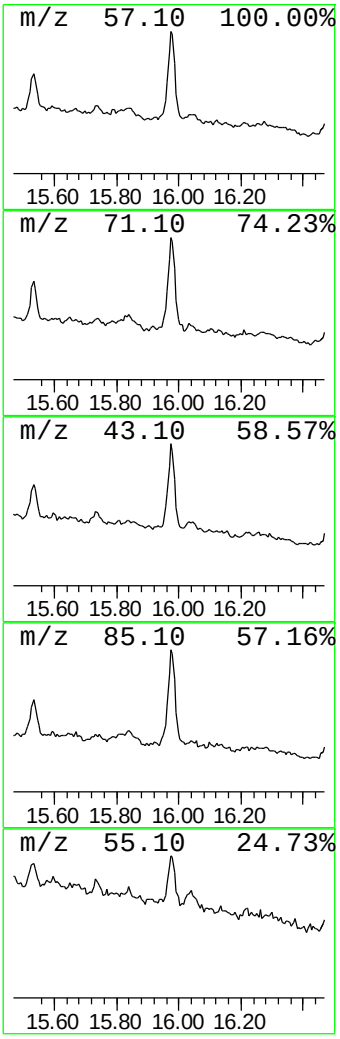
Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	22.77 ng	772804	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
Operator : JU
Sample : K6484-46
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 40104-40111

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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...	5.05	9.1	ng	191610	1	6.85	422626	20.0
unknown6.62	6.62	62.2	ng	1314040	1	6.85	422626	20.0
1-Hexanol, 2-ethyl-	6.91	3.5	ng	74833	1	6.85	422626	20.0
unknown10.22	10.22	2.7	ng	81124	3	9.89	604841	20.0
unknown11.89	11.89	3.8	ng	100094	4	11.39	524475	20.0
n-Hexadecanoic acid	11.91	10.4	ng	272332	4	11.39	524475	20.0
n-Dodecyl methacr...	11.97	6.1	ng	159833	4	11.39	524475	20.0
unknown12.12	12.12	3.9	ng	100850	4	11.39	524475	20.0
9,10-Anthracenedione	12.23	2.7	ng	71513	4	11.39	524475	20.0
unknown12.36	12.36	3.5	ng	90659	4	11.39	524475	20.0
Heptachlor epoxide	12.50	6.0	ng	158223	4	11.39	524475	20.0
unknown12.67	12.67	5.2	ng	137542	4	11.39	524475	20.0
trans-Chlordane	12.69	10.7	ng	279313	4	11.39	524475	20.0
p,p'-DDE	12.91	11.2	ng	341174	5	14.04	609710	20.0
unknown13.30	13.30	5.0	ng	152831	5	14.04	609710	20.0
Diisooctyl adipate	13.51	7.0	ng	213813	5	14.04	609710	20.0
Oxirane, hexadecyl-	14.96	14.8	ng	502677	6	15.54	678798	20.0
Hexadecane, 1-iodo-	15.97	22.8	ng	772804	6	15.54	678798	20.0