LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116819.D
Acq On : 4 Sep 2019 16:54
Operator : HP/JU
Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

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-BF083019.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	5.469	570	575	578	rBV	1648878	1523669	88.13%	7.400%
2	6.134	685	688	691	rBV	23579	22197	1.28%	0.108%
3	6.481	742	747	757	rBV	1707469	1728970	100.00%	8.397%
4	6.622	766	771	774	rBV	1866800	1693172	97.93%	8.223%
5	6.675	777	780	785	rVB	76473	69246	4.01%	0.336%
6	6.845	806	809	813	rBV	472746	405185	23.44%	1.968%
7	7.004	832	836	840	rBV	1369733	1132053	65.48%	5.498%
8	7.404	900	904	907	rBV	1042941	962222	55.65%	4.673%
9	7.616	935	940	944	rBV	30051	24705	1.43%	0.120%
10	8.128	1022	1027	1031	rBV	689947	550754	31.85%	2.675%
11	8.404	1070	1074	1076	rBV2	18929	23076	1.33%	0.112%
12	8.557	1097	1100	1102	rBV	34367	29401	1.70%	0.143%
13	8.680	1116	1121	1122	rBV4	16164	25673	1.48%	0.125%
14	8.727	1126	1129	1132	rVB	29645	27558	1.59%	0.134%
15	8.851	1147	1150	1152	rBV2	37332	27387	1.58%	0.133%
16	9.010	1174	1177	1180	rBV4	24541	31169	1.80%	0.151%
17	9.086	1188	1190	1193	rVB2	24318	21427	1.24%	0.104%
18	9.127	1194	1197	1199	rBV3	41308	31290	1.81%	0.152%
19	9.157	1199	1202	1206	rBV	87894	70658	4.09%	0.343%
20	9.204	1206	1210	1213	rBV	2062605	1625818	94.03%	7.896%
21	9.251	1215	1218	1220	rVB3	21658	21672	1.25%	0.105%
22	9.286	1220	1224	1228	rBV3	99304	132095	7.64%	0.642%
23	9.333	1229	1232	1234	rBV4	20042	26779	1.55%	0.130%
24	9.404	1242	1244	1247	rBV4	20263	20676	1.20%	0.100%
25	9.522	1261	1264	1266	rBV4	38153	41557	2.40%	0.202%
26	9.563	1269	1271	1273	rVV3	35243	28990	1.68%	0.141%
27	9.592	1273	1276	1278	rVV	339333	290536	16.80%	1.411%
28	9.633	1281	1283	1287	rVV4	58200	50543	2.92%	0.245%
29	9.669	1287	1289	1291	rVB	60626	43531	2.52%	0.211%
30	9.704	1291	1295	1300	rBV6	27579	57744	3.34%	0.280%
31	9.763	1300	1305	1307	rBV6	52917	77961	4.51%	0.379%
32	9.798	1307	1311	1312	rBV3	60330	69905	4.04%	0.339%
33	9.816	1312	1314	1317	rVV	106409	76886	4.45%	0.373%
34	9.880	1319	1325	1328	rBV	732755	701623	40.58%	3.407%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : DW-01

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.057	1351	1355	1357	rBV3	66176	110646	6.40%	0.537%
36	10.080	1357	1359	1361	rVB2	84542	65427	3.78%	0.318%
37	10.110	1361	1364	1366	rBV3	37228	32324	1.87%	0.157%
38	10.139	1366	1369	1373	rBV3	123478	152341	8.81%	0.740%
39	10.174	1373	1375	1377	rVB	63167	45024	2.60%	0.219%
40	10.204	1377	1380	1382	rBV4	60538	79722	4.61%	0.387%
41	10.257	1387	1389	1393	rVB3	56948	57418	3.32%	0.279%
42	10.298	1393	1396	1397	rBV2	74383	82024	4.74%	0.398%
43	10.316	1397	1399	1402	rVB	245571	183355	10.60%	0.890%
44	10.345	1402	1404	1407	rBV3	58422	56137	3.25%	0.273%
45	10.369	1407	1408	1411	rBV2	49248	41066	2.38%	0.199%
46	10.422	1415	1417	1419	rBV2	58187	55751	3.22%	0.271%
47	10.539	1433	1437	1443	rVB	360691	388594	22.48%	1.887%
48	10.586	1443	1445	1449	rVB3	73918	64087	3.71%	0.311%
49	10.621	1449	1451	1454	rBV3	91783	112287	6.49%	0.545%
50	10.669	1455	1459	1462	rBV	978722	868525	50.23%	4.218%
51	10.804	1477	1482	1488	rBV	762976	994120	57.50%	4.828%
52	11.239	1553	1556	1558	rBV	381342	306026	17.70%	1.486%
53	11.269	1558	1561	1566	rVB	737545	731583	42.31%	3.553%
54	11.368	1574	1578	1581	rBV	533420	549306	31.77%	2.668%
55	11.616	1618	1620	1624	rVB	218128	205832	11.90%	1.000%
56	11.663	1625	1628	1631	rVB	420058	323864	18.73%	1.573%
57	11.892	1664	1667	1670	rBV	309758	271758	15.72%	1.320%
58	12.068	1694	1697	1702	rVB	425261	327431	18.94%	1.590%
59	12.457	1760	1763	1767	rBV	280660	234418	13.56%	1.138%
60	12.827	1823	1826	1829	rVB	333100	279181	16.15%	1.356%
61	12.945	1843	1846	1850	rBV	1355593	1257031	72.70%	6.105%
62	13.180	1884	1886	1889	rBV2	141787	129122	7.47%	0.627%
63	13.462	1931	1934	1937	rBV	328098	276492	15.99%	1.343%
64	13.980	2019	2022	2024	rBV	663727	643792	37.24%	3.127%

Sum of corrected areas: 20590812

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116819.D
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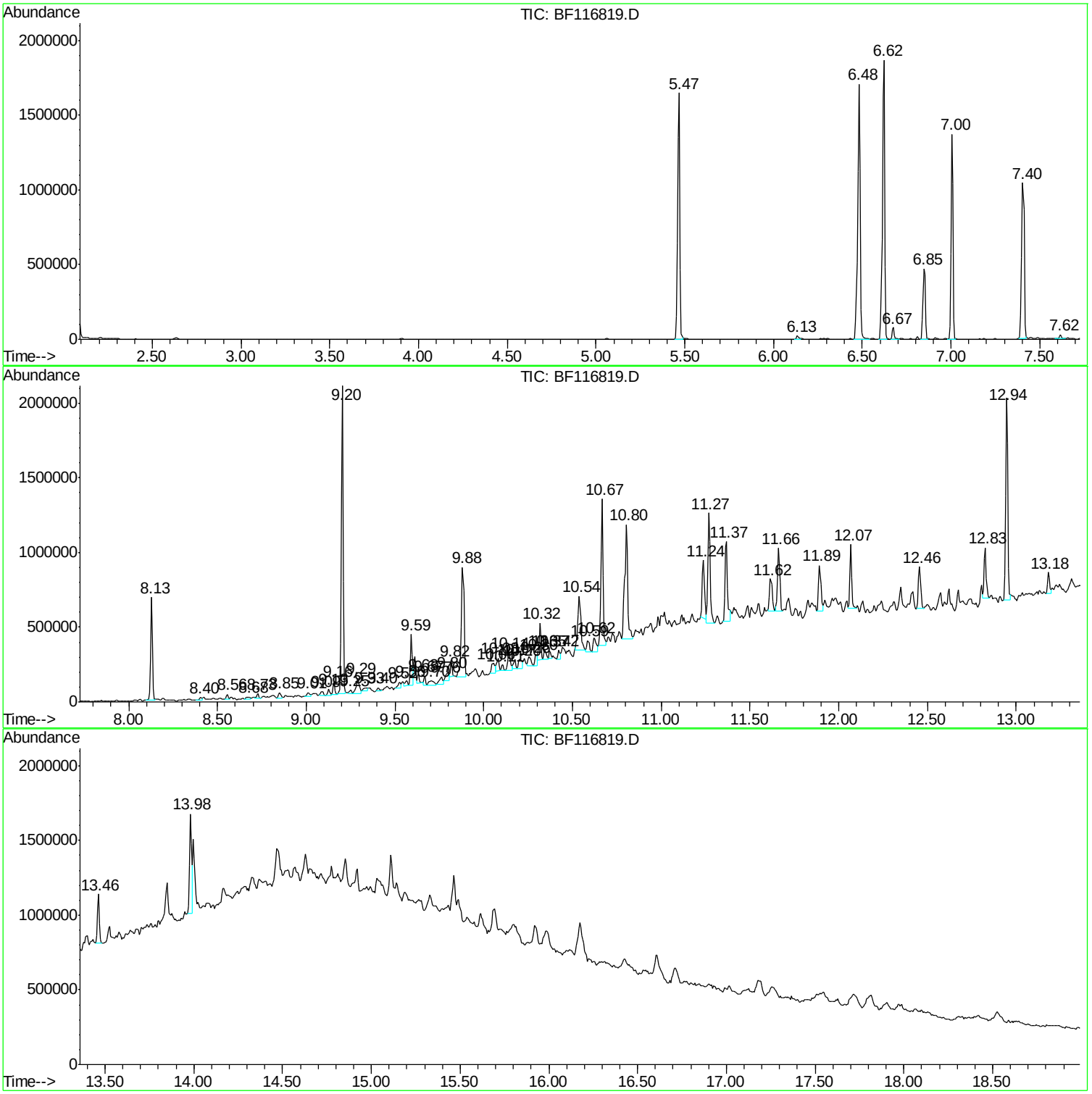
Operator : HP/JU
Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090419\
Data File : BF116819.D
Acq On : 4 Sep 2019 16:54
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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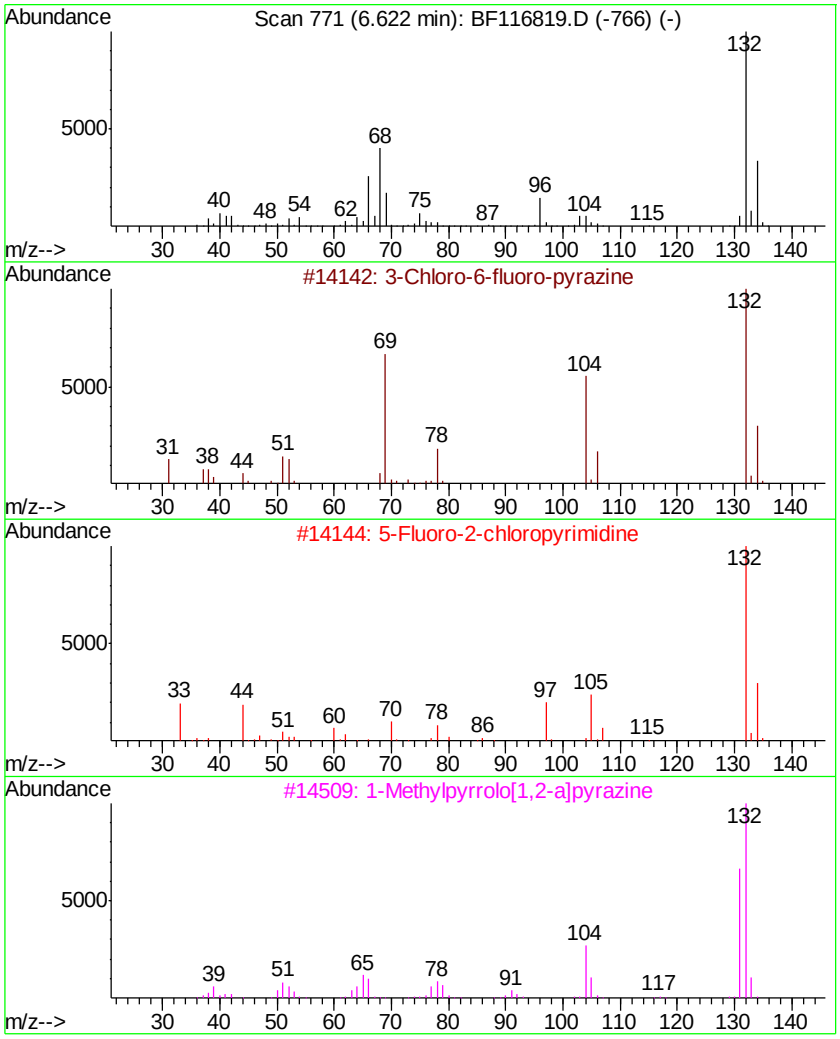
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

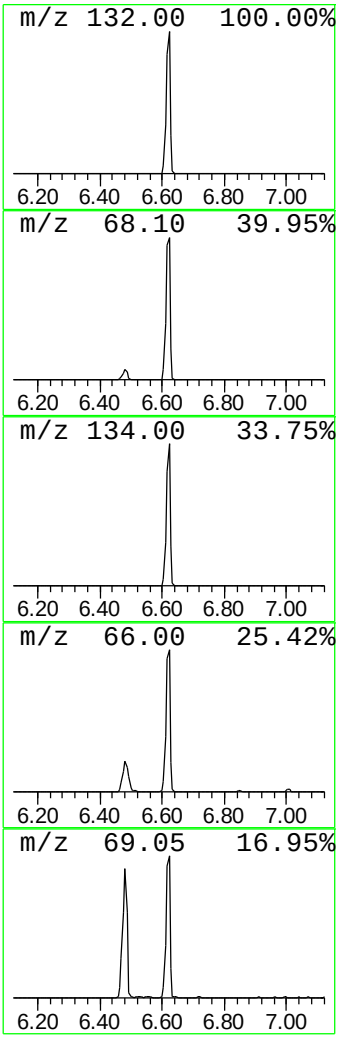
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	83.58 ng	1693170	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9





Library Search Compound Report

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Data File : BF116819.D
Acq On : 4 Sep 2019 16:54
Operator : HP/JU
Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

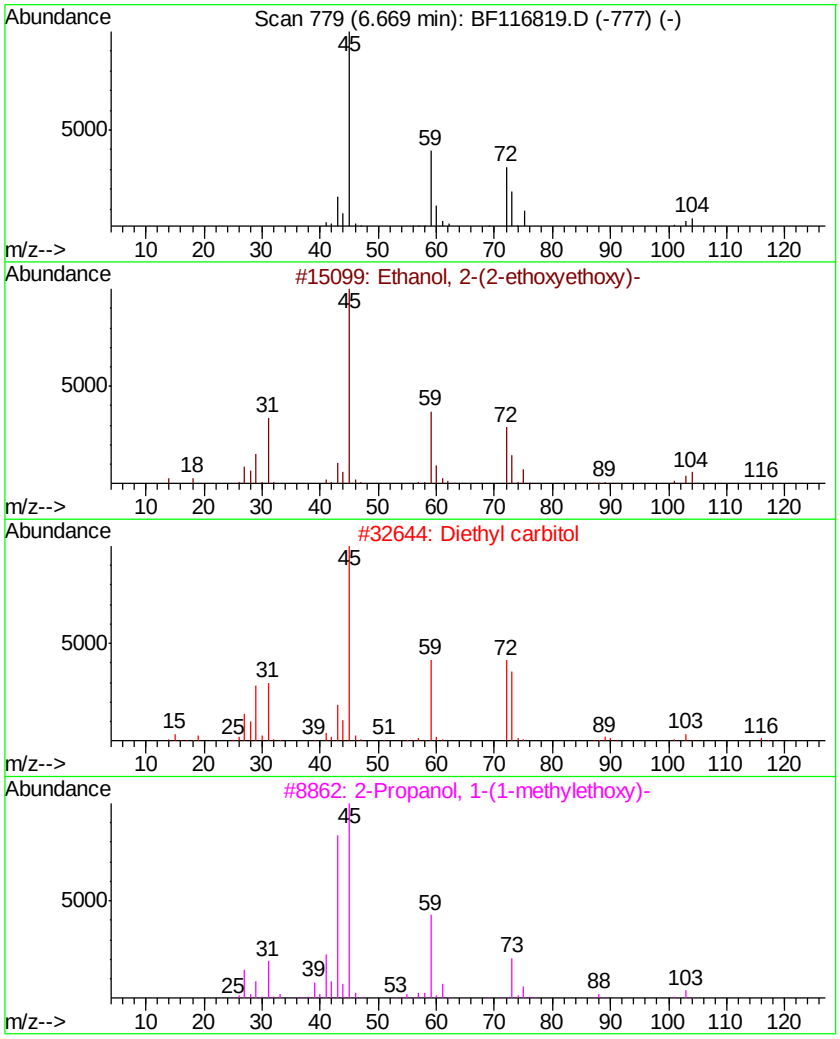
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

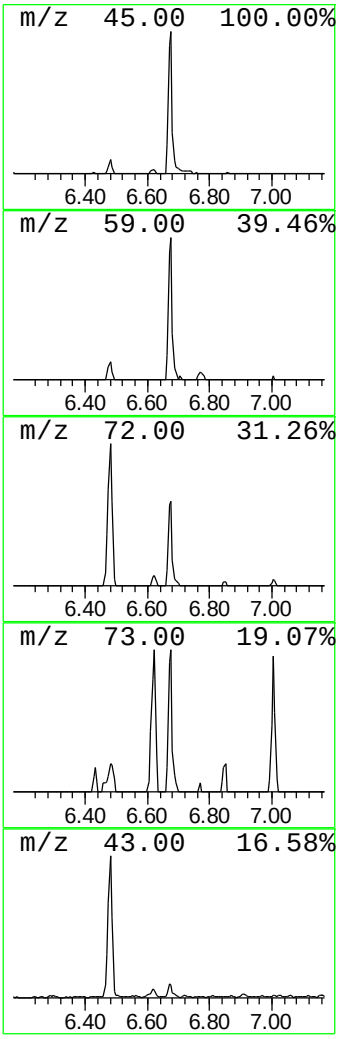
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	3.42 ng	69246	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	64
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
5	Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116819.D
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Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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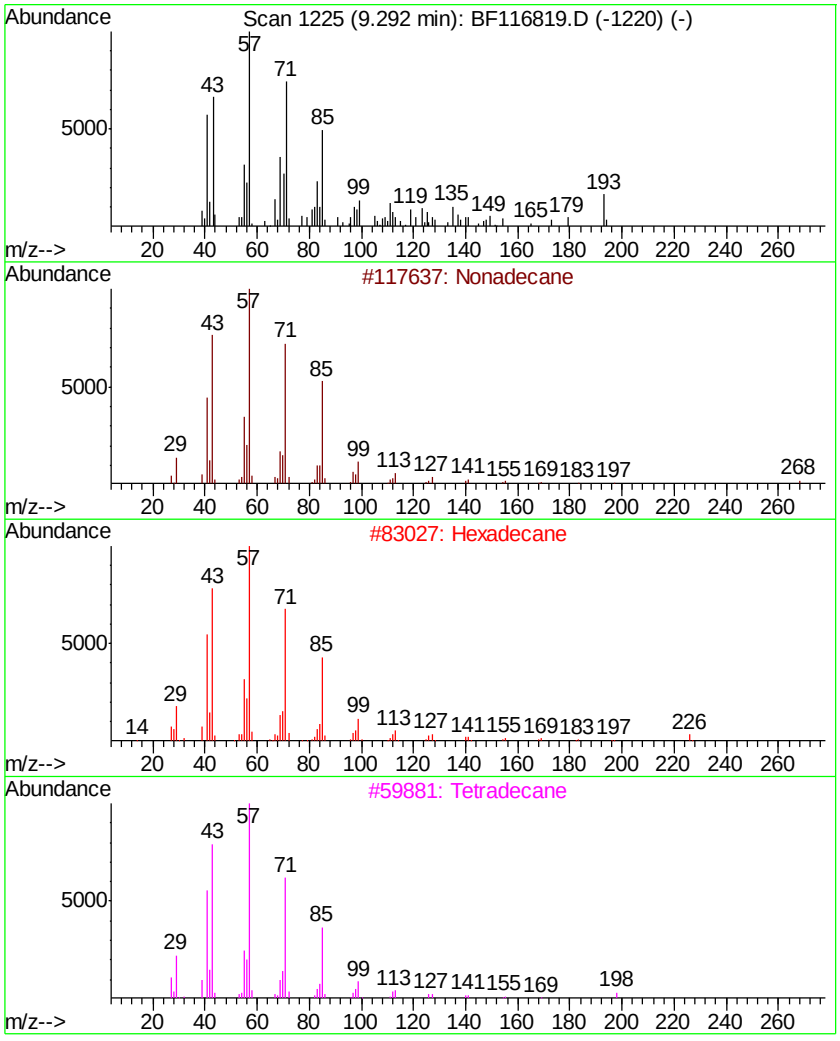
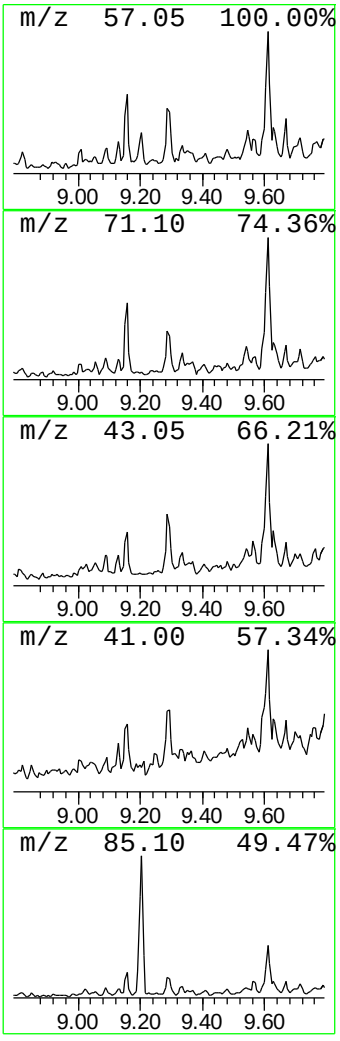
Peak Number 4 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.77 ng	132095	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	62
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tetradecane	198	C14H30	000629-59-4	52
4	Dodecane	170	C12H26	000112-40-3	52
5	Pentadecane	212	C15H32	000629-62-9	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116819.D
Acq On : 4 Sep 2019 16:54
Operator : HP/JU
Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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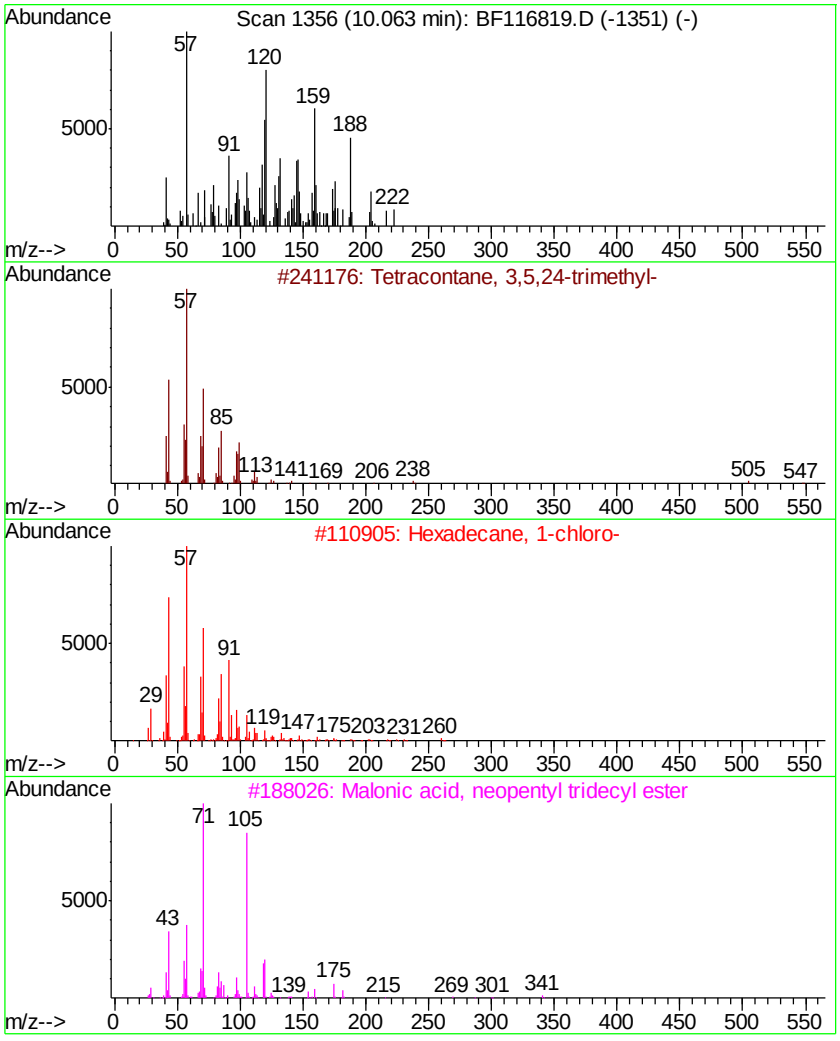
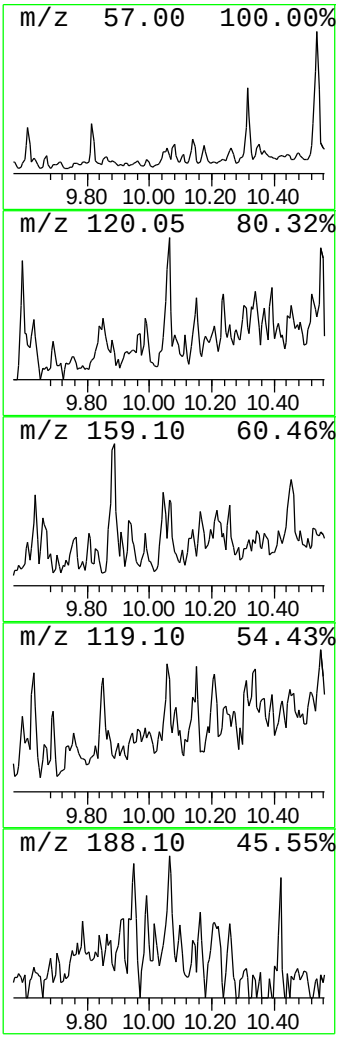
Peak Number 5 unknown10.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	3.15 ng	110646	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	25
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	14
3	Malonic acid, neopentyl tridecyl...	356	C21H40O4	1000363-93-6	12
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	12
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	12





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Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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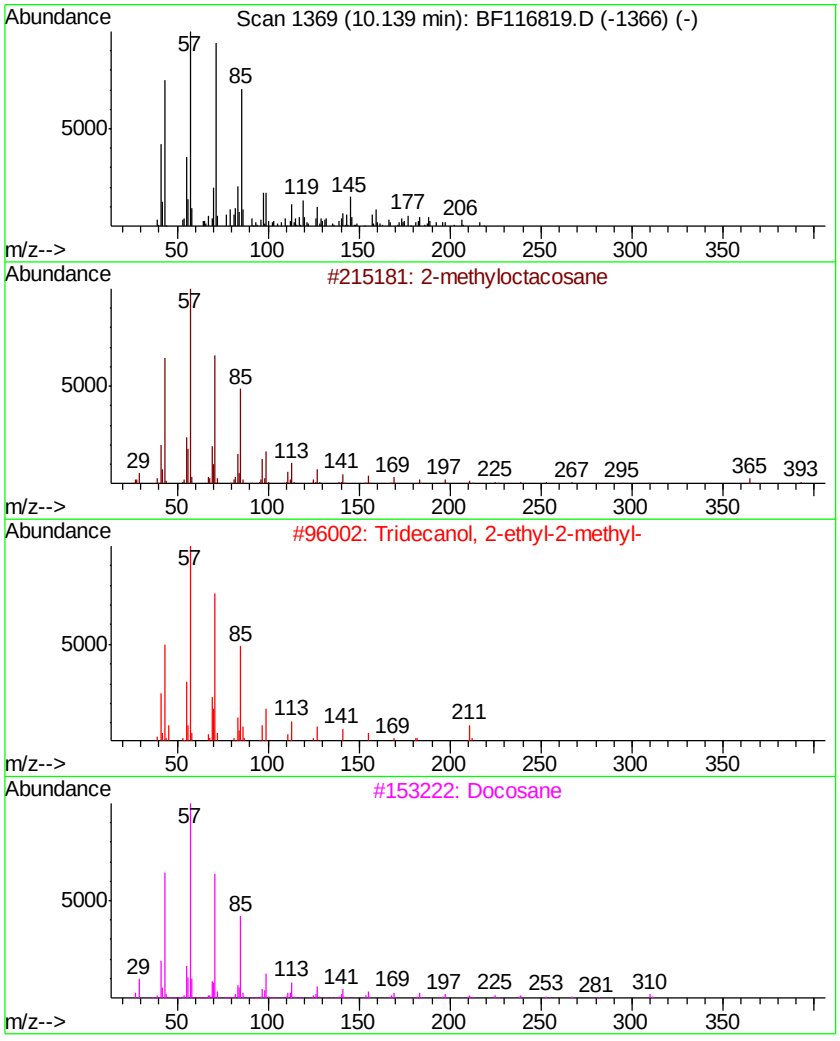
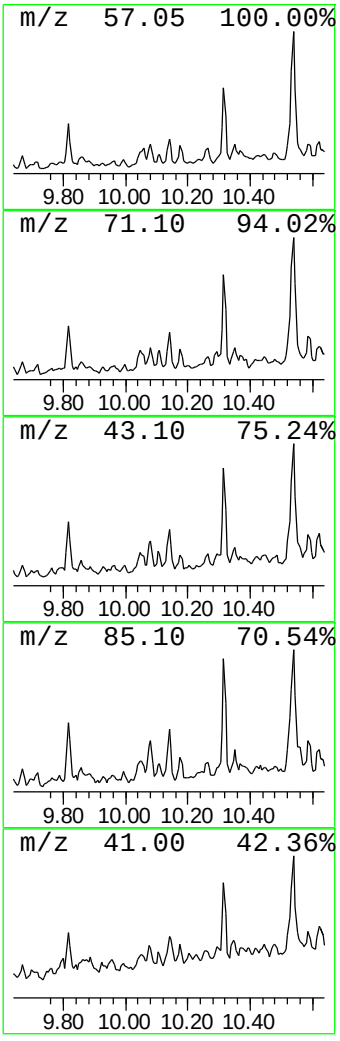
Peak Number 6 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	4.34 ng	152341	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	80
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72
3	Docosane	310	C22H46	000629-97-0	59
4	Octadecane	254	C18H38	000593-45-3	59
5	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	53





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Misc :
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Instrument : BNA_F
ClientSampleId : DW-01

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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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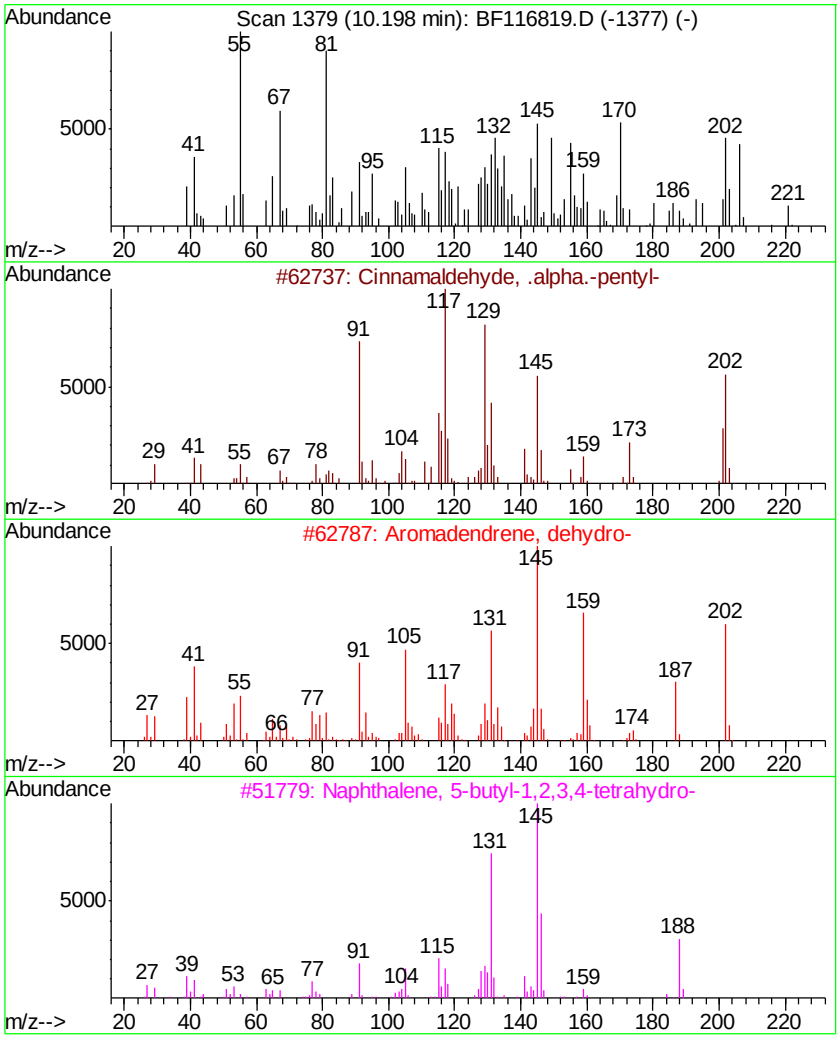
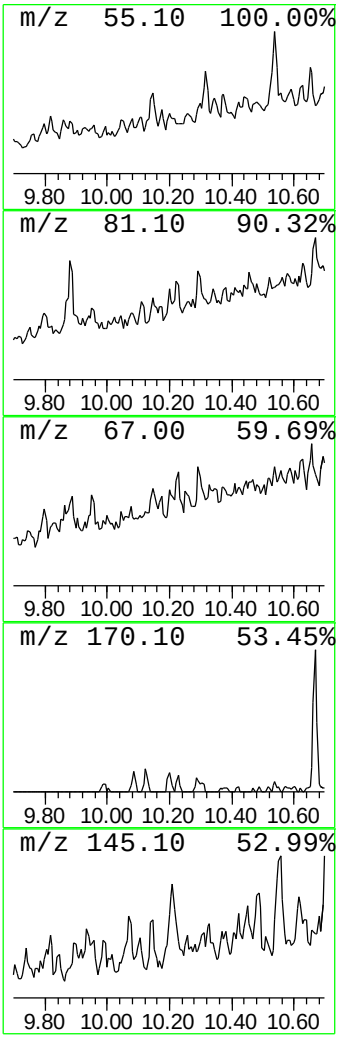
Peak Number 7 unknown10.20 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.27 ng	79722	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, .alpha.-pentyl-	202	C14H18O	000122-40-7	35
2	Aromadendrene, dehydro-	202	C15H22	1000156-12-5	22
3	Naphthalene, 5-butyl-1,2,3,4-tet...	188	C14H20	066325-42-6	22
4	6-Phenylcyclohex-3-enecarboxalde...	186	C13H14O	1000215-27-2	14
5	5-Amino-8-methoxyquinoline	174	C10H10N2O	070945-35-6	14





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Data File : BF116819.D
Acq On : 4 Sep 2019 16:54
Operator : HP/JU
Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

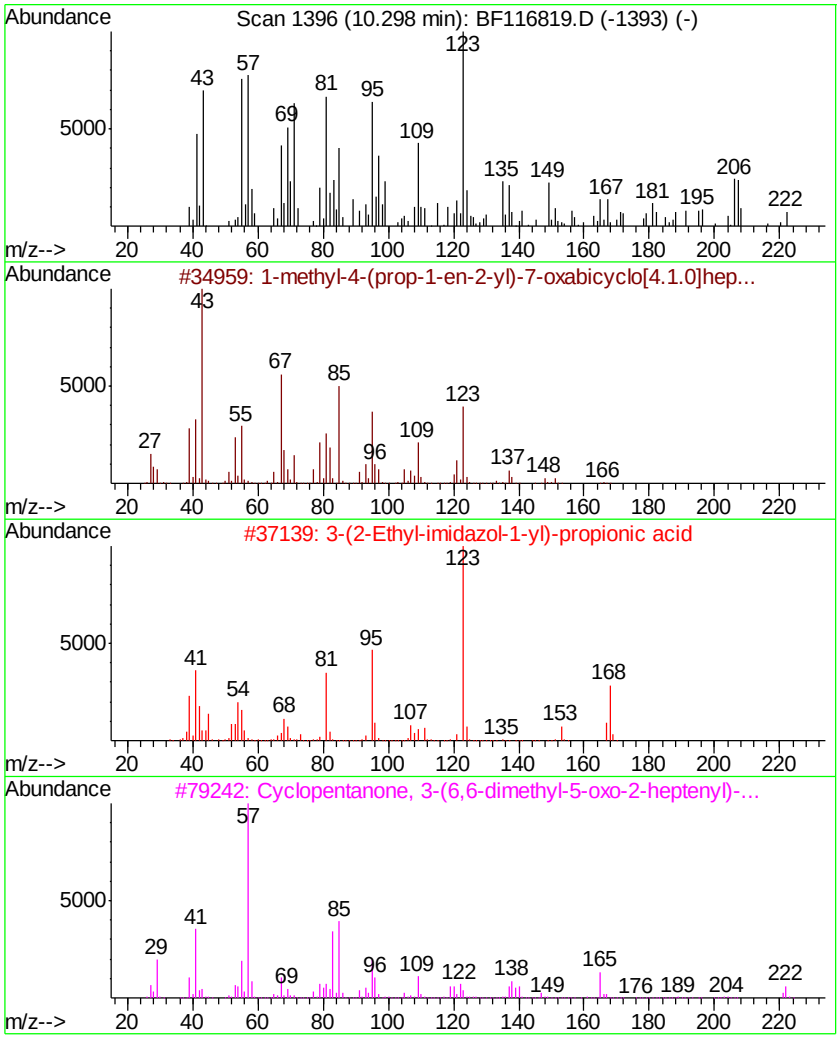
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

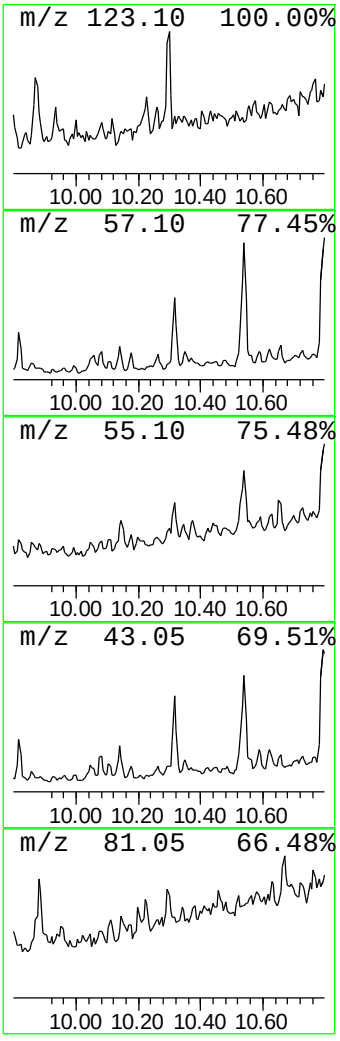
****

Peak Number 8 1-methyl-4-(prop-1-en-2-yl)... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.34 ng	82024	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-methyl-4-(prop-1-en-2-yl)-7-ox...	166	C10H14O2	1000365-66-7	55
2	3-(2-Ethyl-imidazol-1-yl)-propio...	168	C8H12N2O2	1000277-78-0	27
3	Cyclopentanone, 3-(6,6-dimethyl-...	222	C14H22O2	083040-98-6	25
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	22
5	3-Hydroxymandelic acid	168	C8H8O4	017119-15-2	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116819.D
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Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

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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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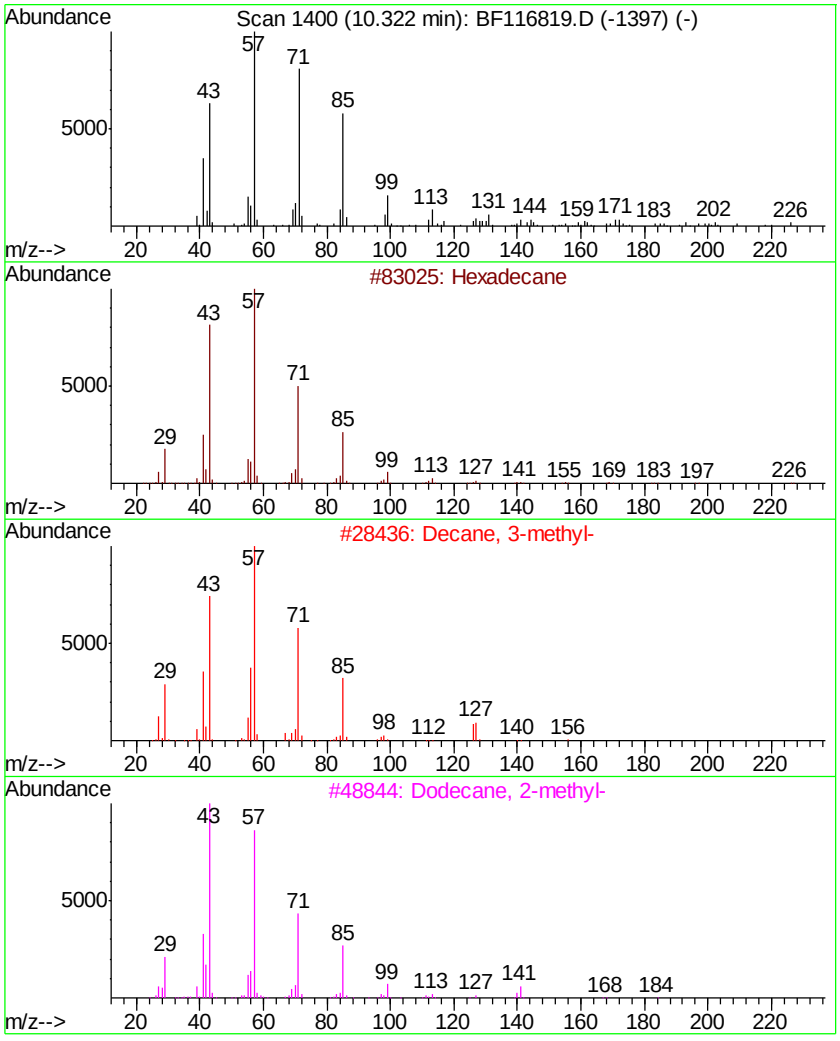
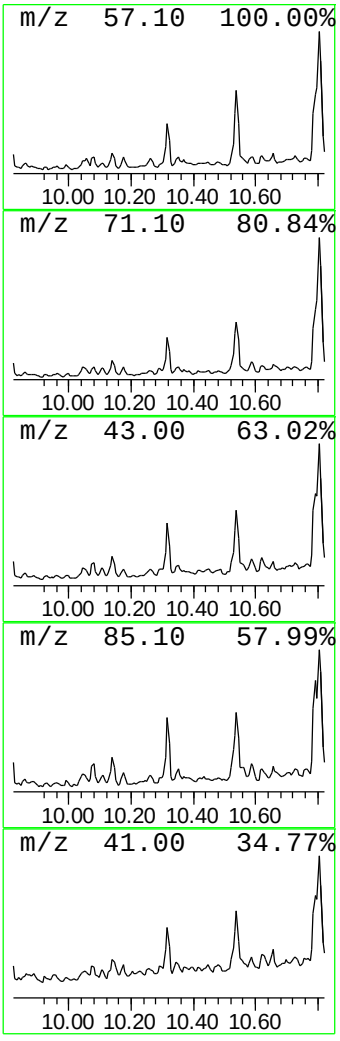
Peak Number 9 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	5.23 ng	183355	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Decane, 3-methyl-	156	C11H24	013151-34-3	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
4	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58





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ClientSampleId : DW-01

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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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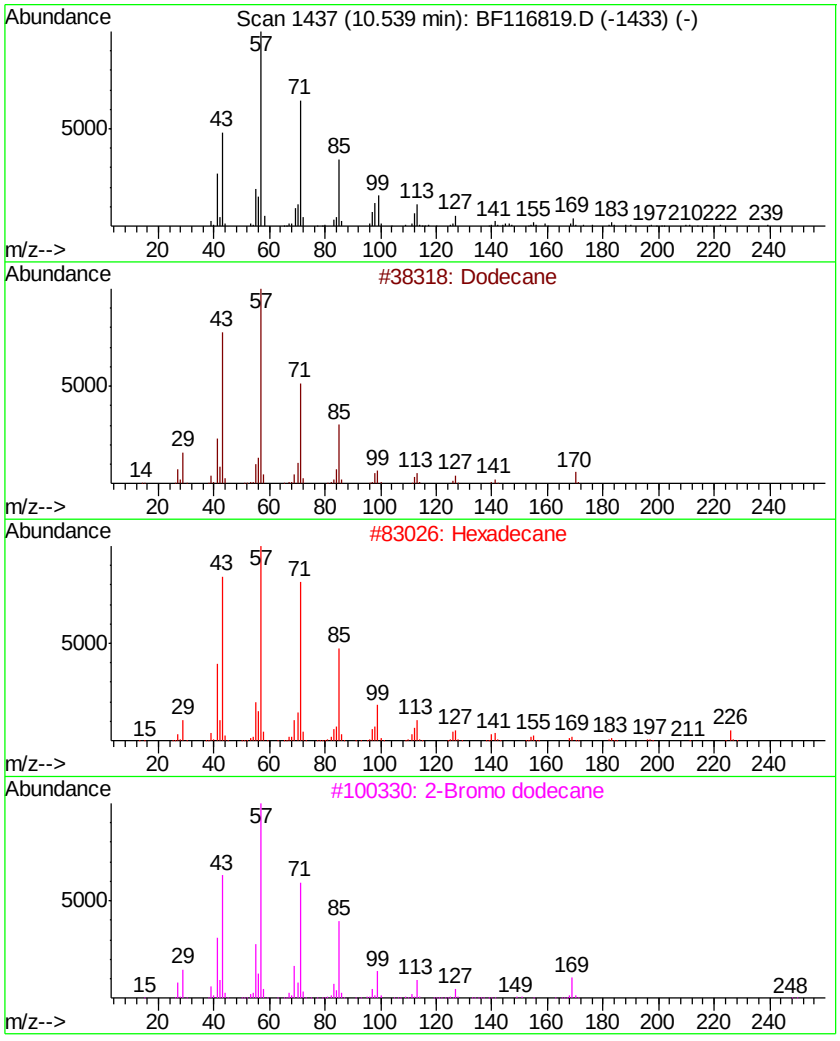
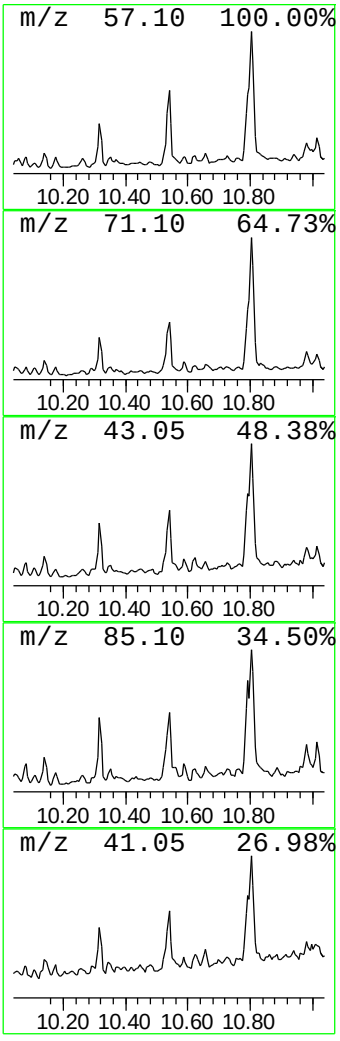
Peak Number 10 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	11.08 ng	388594	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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Instrument : BNA_F
ClientSampleId : DW-01

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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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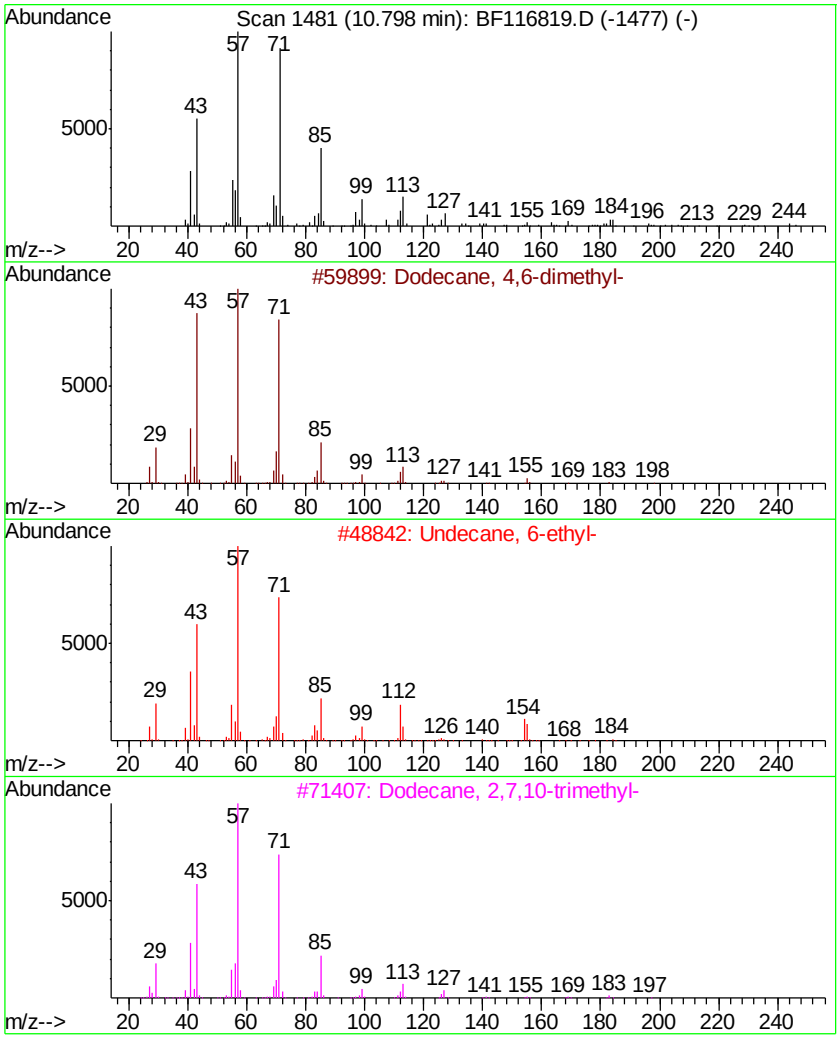
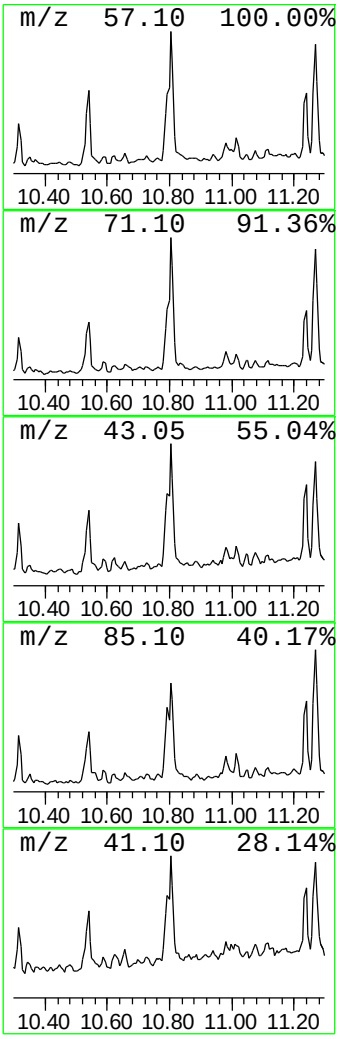
Peak Number 11 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	36.20 ng	994120	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62





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ClientSampleId : DW-01

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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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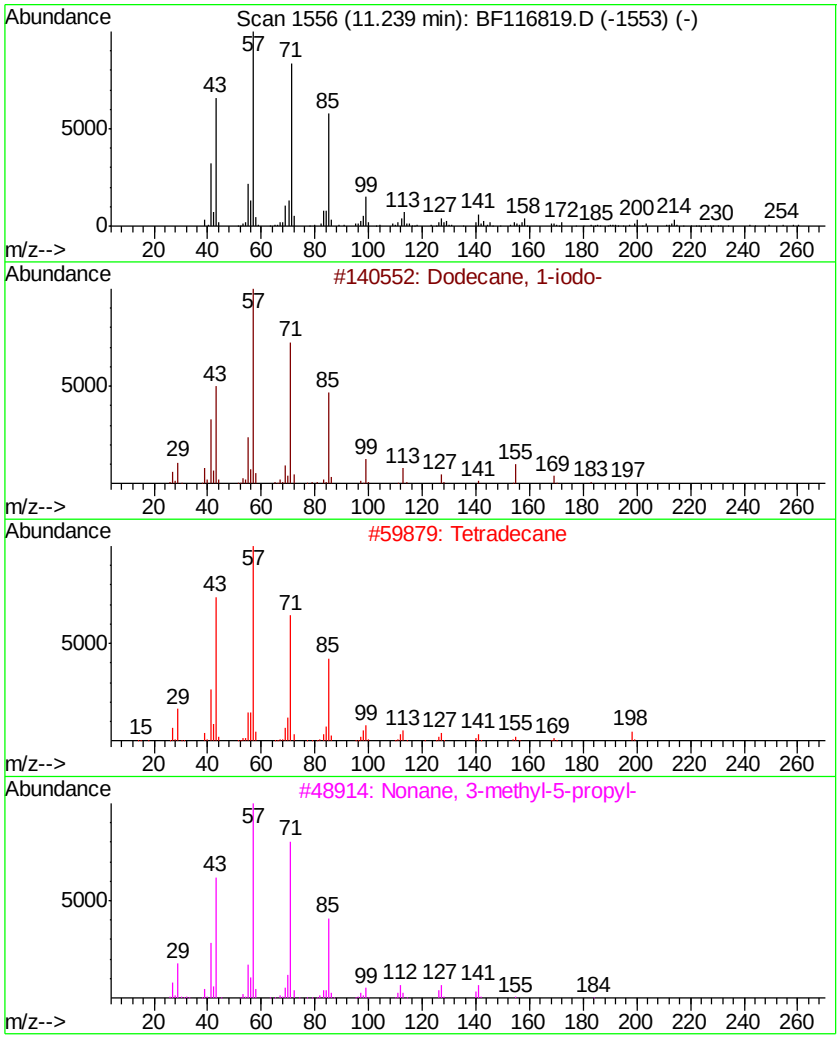
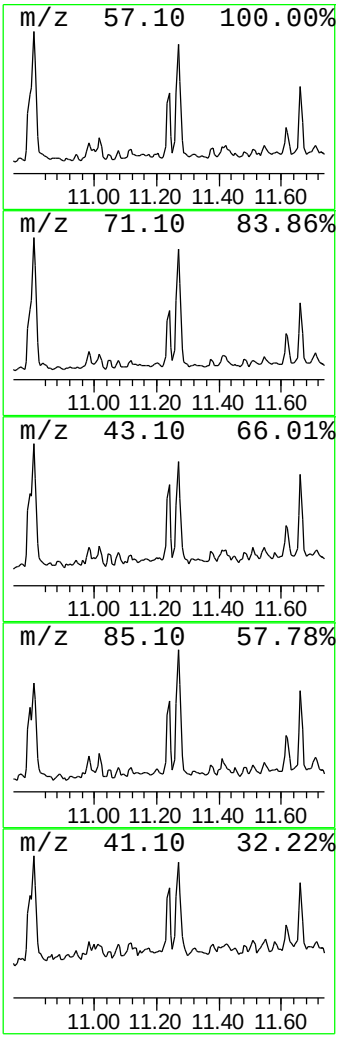
Peak Number 12 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	11.14 ng	306026	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Tetradecane	198	C14H30	000629-59-4	72
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	5-Ethyl-4-octanone	156	C10H20O	1000374-08-1	64





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Instrument : BNA_F
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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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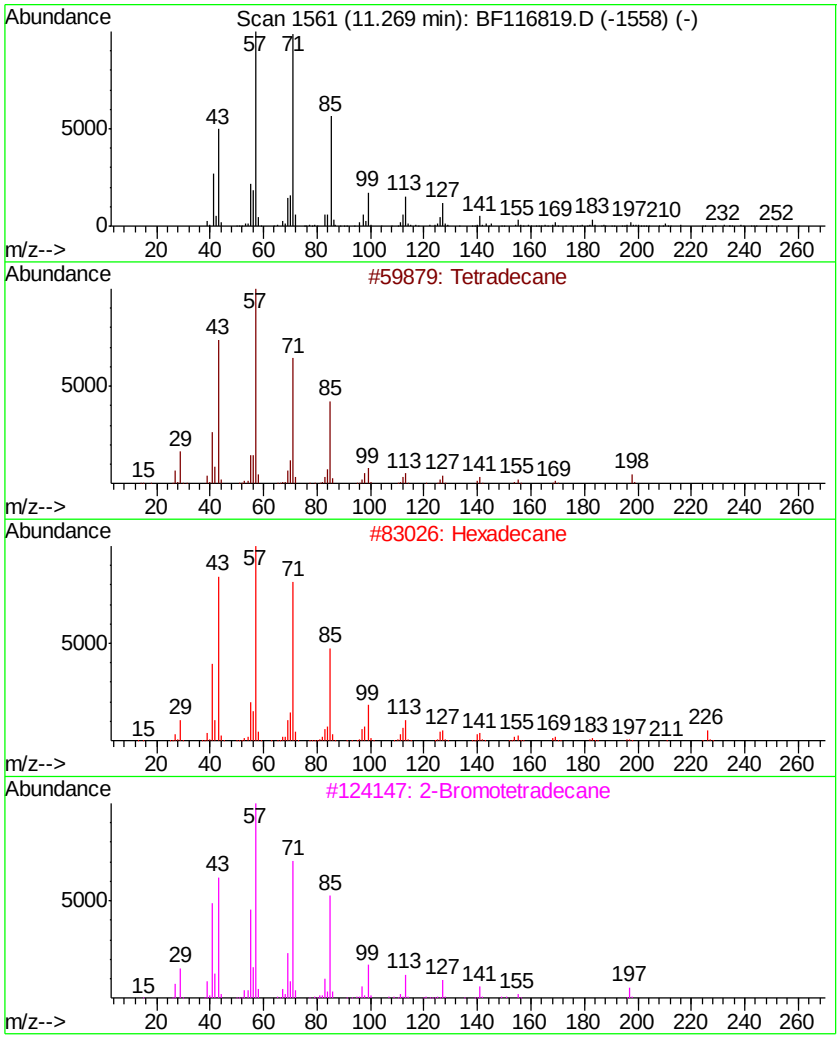
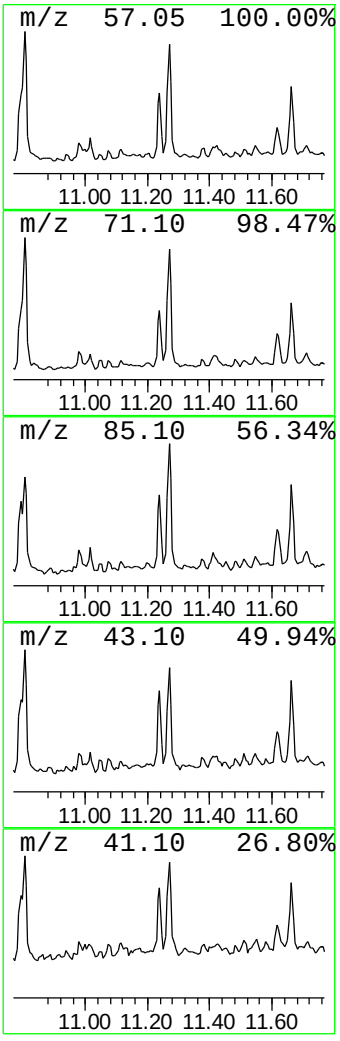
Peak Number 13 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	26.64 ng	731583	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72





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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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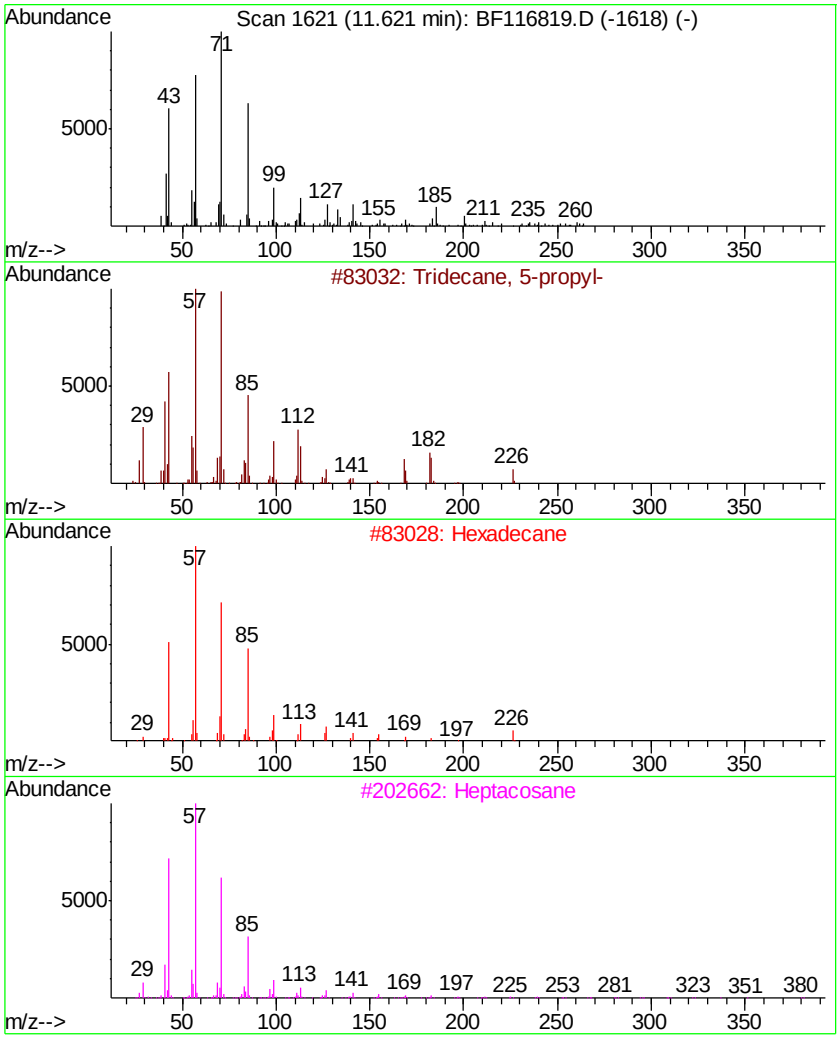
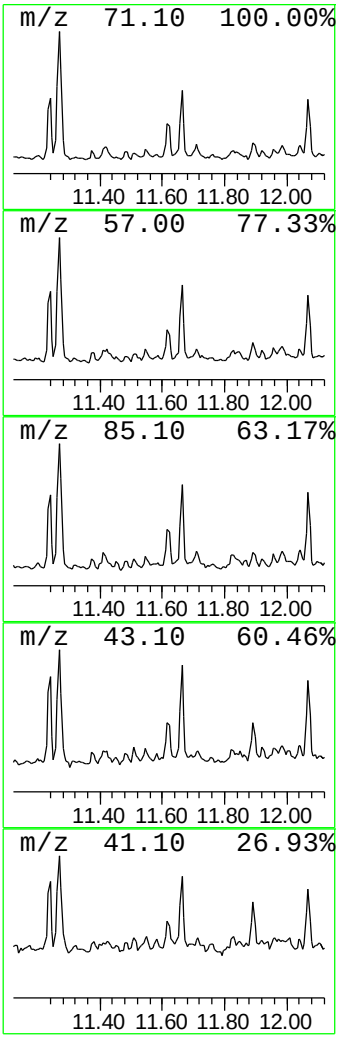
Peak Number 14 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	7.49 ng	205832	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Heptacosane	380	C27H56	000593-49-7	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64





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Instrument : BNA_F
ClientSampleId : DW-01

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

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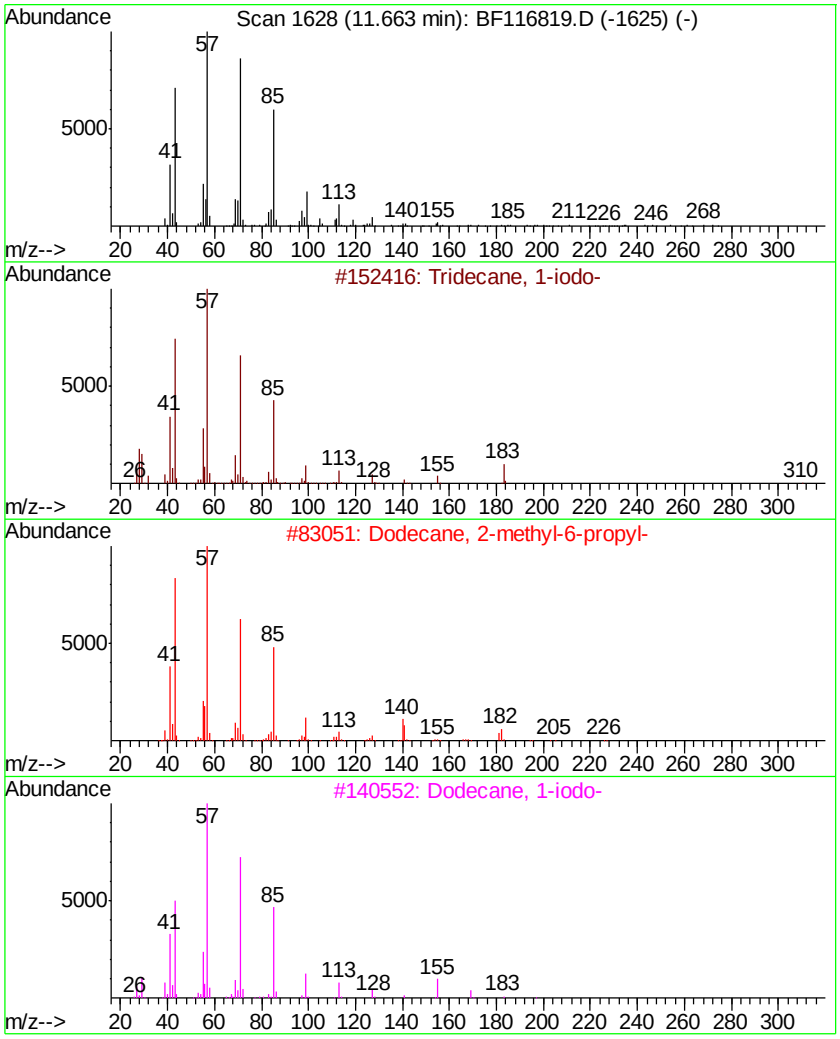
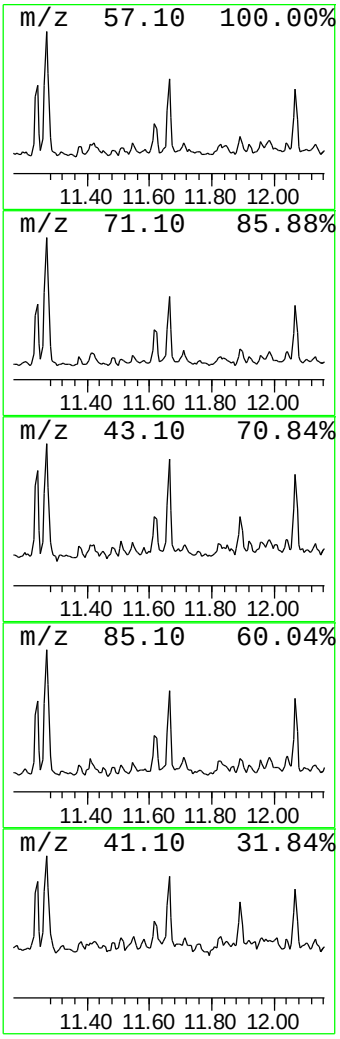
Peak Number 15 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	11.79 ng	323864	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	60
5	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	59





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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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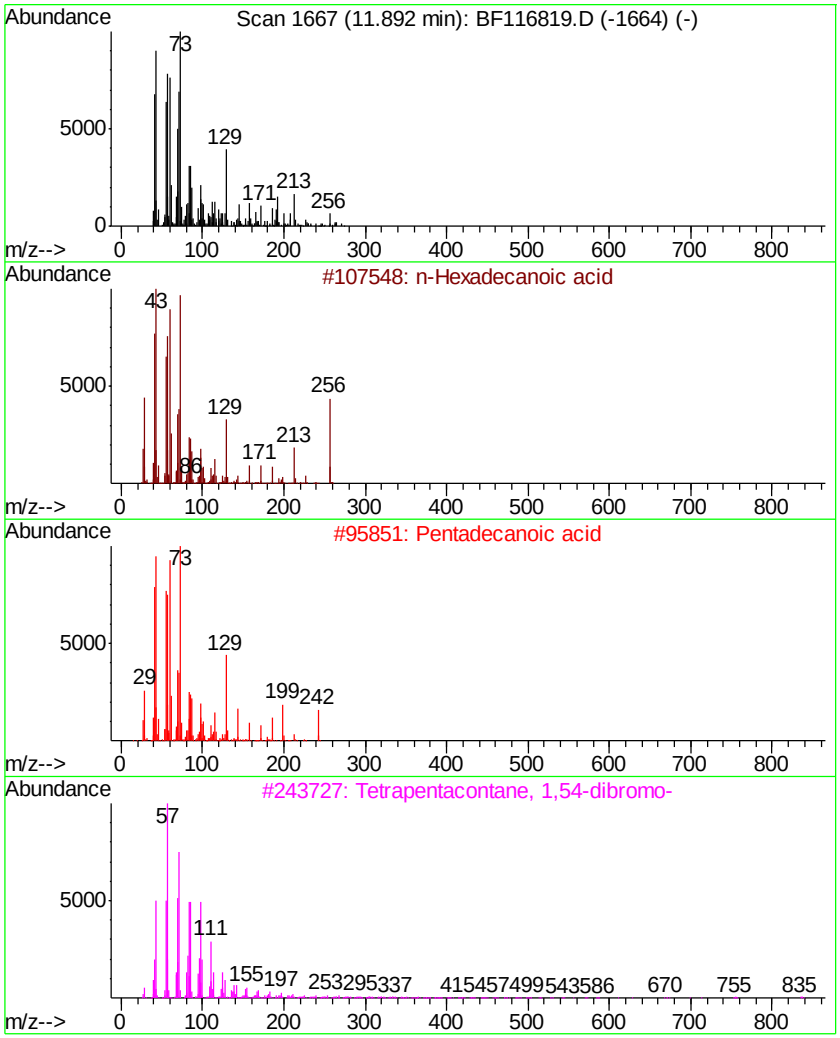
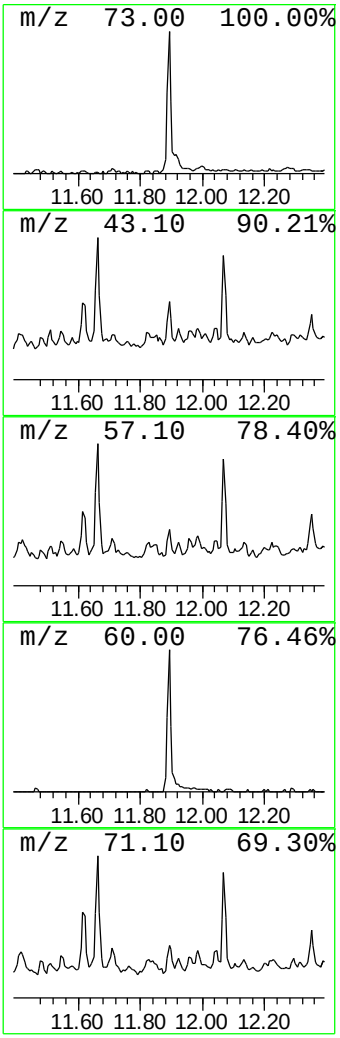
Peak Number 16 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.89 ng	271758	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	15
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	15
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	14





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TIC Library : C:\DATABASE\NIST11.L
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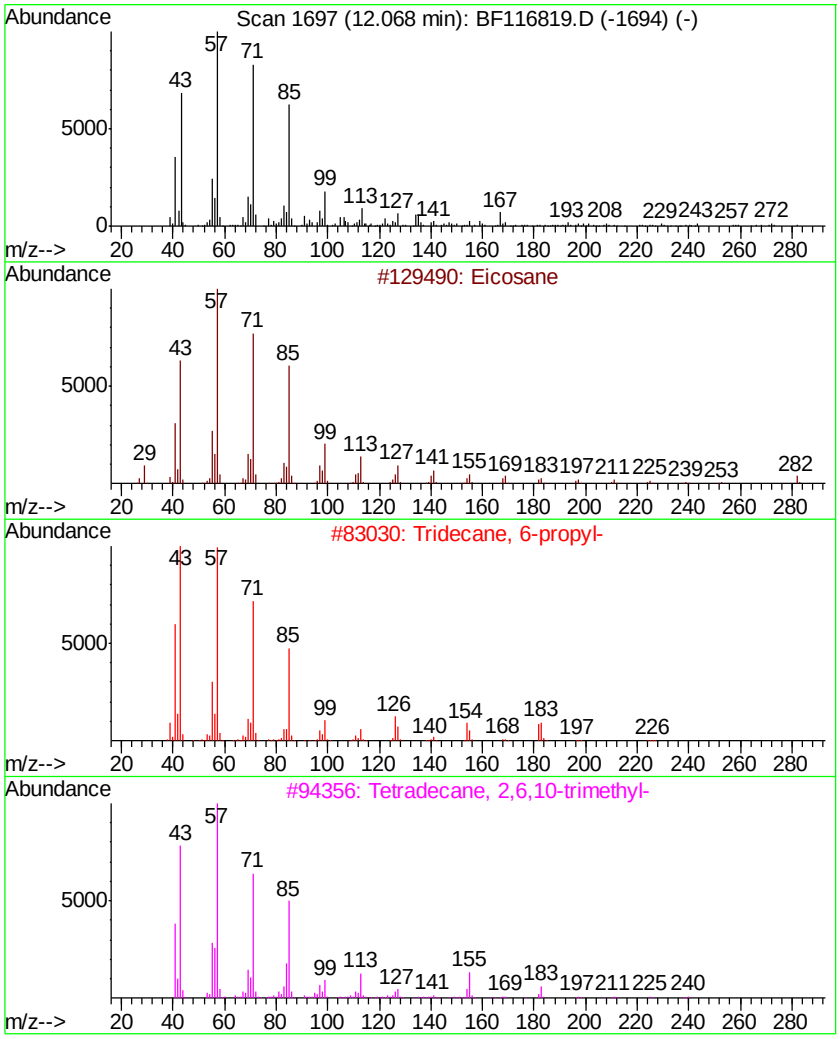
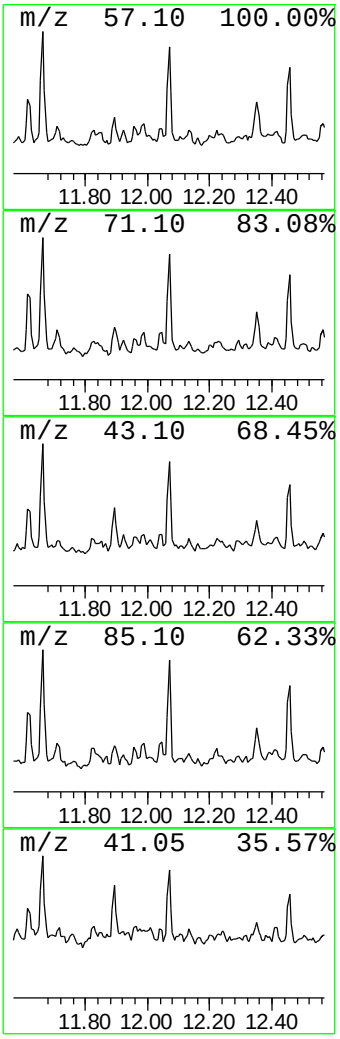
Peak Number 17 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	11.92 ng	327431	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	76





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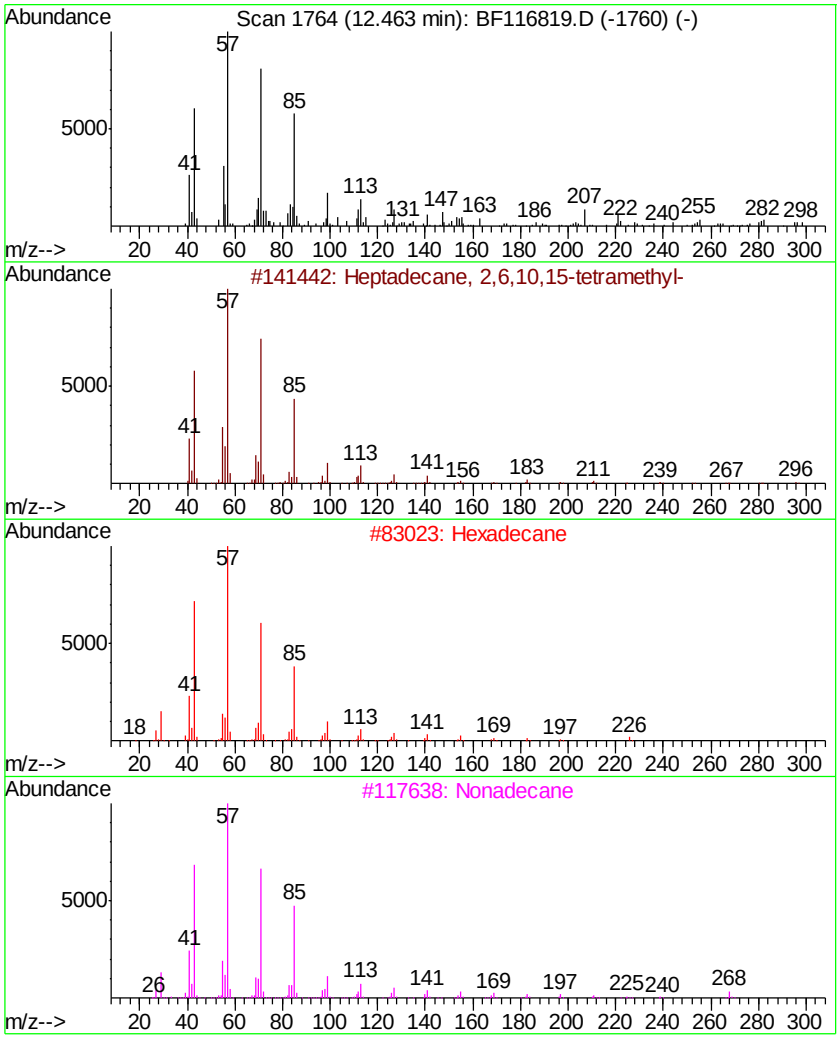
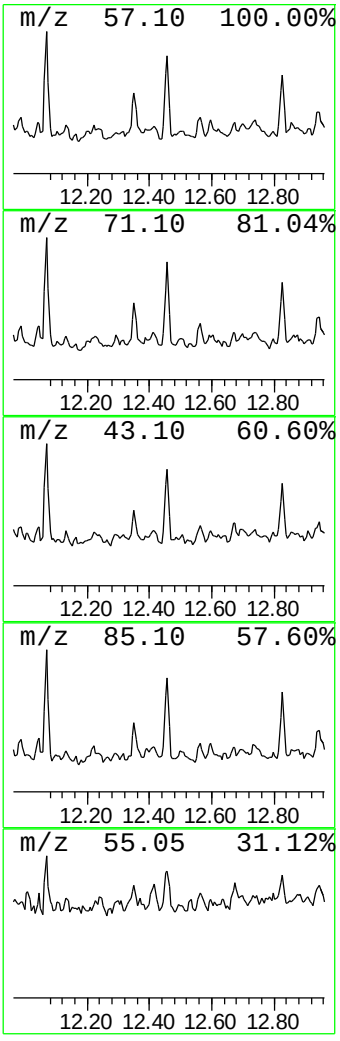
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	8.54 ng	234418	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





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

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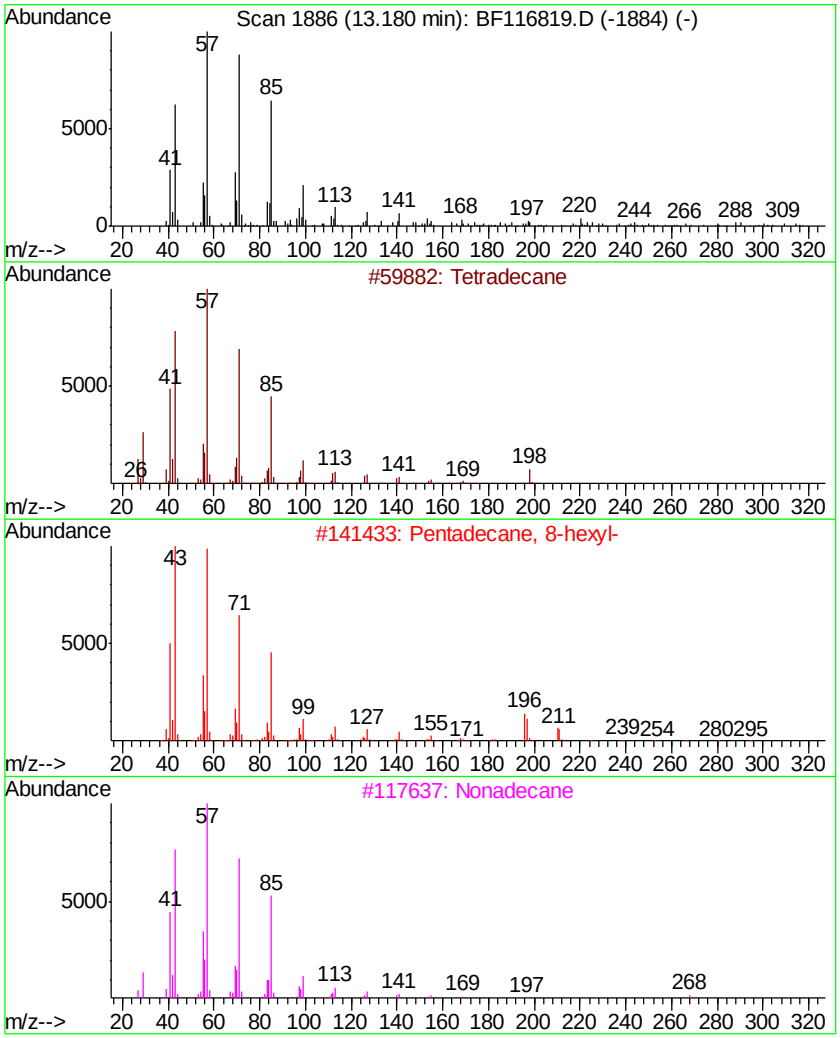
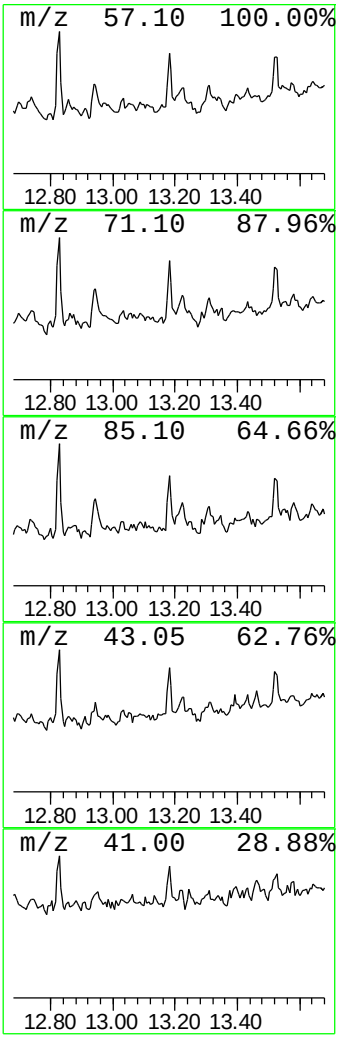
Peak Number 19 Pentadecane, 8-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	4.01 ng	129122	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexacosane	366	C26H54	000630-01-3	87





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

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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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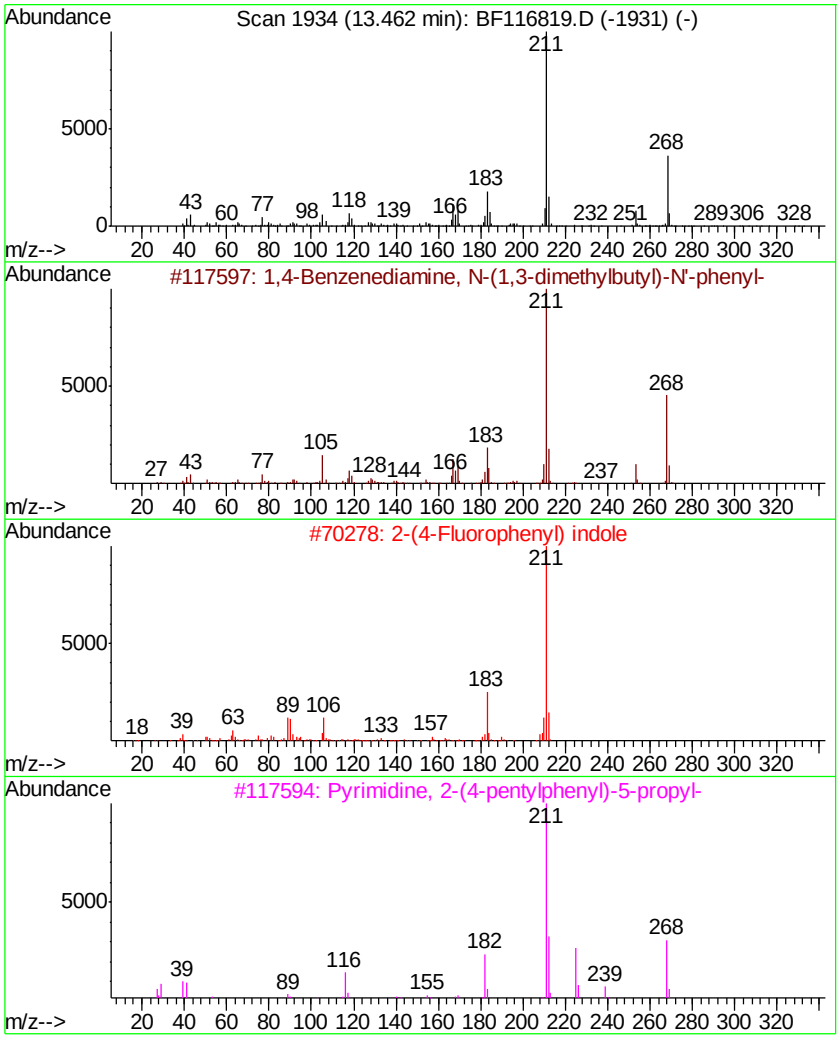
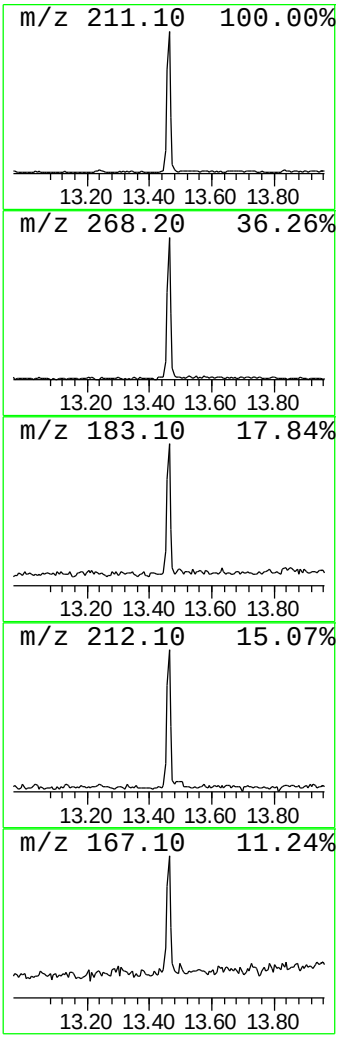
Peak Number 20 1,4-Benzenediamine, N-(1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	8.59 ng	276492	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N-(1,3-dimet...	268	C18H24N2	000793-24-8	96
2	2-(4-Fluorophenyl) indole	211	C14H10FN	1000342-46-0	53
3	Pyrimidine, 2-(4-pentylphenyl)-5...	268	C18H24N2	094320-32-8	53
4	10,11-Dihydrodibenz(b,f)(1,4)oxa...	211	C13H9NO2	003158-85-8	50
5	Phenol, 2-(2-benzoxazolyl)-	211	C13H9NO2	000835-64-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
Data File : BF116819.D
Acq On : 4 Sep 2019 16:54
Operator : HP/JU
Sample : K4639-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	83.6	ng	1693170	1	6.85	405185	20.0
Ethanol, 2-(2-eth...	6.67	3.4	ng	69246	1	6.85	405185	20.0
Nonadecane	9.29	3.8	ng	132095	3	9.88	701623	20.0
unknown10.06	10.06	3.1	ng	110646	3	9.88	701623	20.0
2-methyloctacosane	10.14	4.3	ng	152341	3	9.88	701623	20.0
unknown10.20	10.20	2.3	ng	79722	3	9.88	701623	20.0
1-methyl-4-(prop-...	10.30	2.3	ng	82024	3	9.88	701623	20.0
Hexadecane	10.32	5.2	ng	183355	3	9.88	701623	20.0
Dodecane	10.54	11.1	ng	388594	3	9.88	701623	20.0
Dodecane, 4,6-dim...	10.80	36.2	ng	994120	4	11.37	549306	20.0
Dodecane, 1-iodo-	11.24	11.1	ng	306026	4	11.37	549306	20.0
Tetradecane	11.27	26.6	ng	731583	4	11.37	549306	20.0
Tridecane, 5-propyl-	11.62	7.5	ng	205832	4	11.37	549306	20.0
Tridecane, 1-iodo-	11.66	11.8	ng	323864	4	11.37	549306	20.0
n-Hexadecanoic acid	11.89	9.9	ng	271758	4	11.37	549306	20.0
Eicosane	12.07	11.9	ng	327431	4	11.37	549306	20.0
Heptadecane, 2,6,...	12.46	8.5	ng	234418	4	11.37	549306	20.0
Pentadecane, 8-he...	13.18	4.0	ng	129122	5	14.00	643792	20.0
1,4-Benzenediamin...	13.46	8.6	ng	276492	5	14.00	643792	20.0