LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

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-BF111319.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	2.193	13	18	34	rVB	809917	1117113	23.70%	2.439%
2	5.140	509	519	522	rBV	2473590	2940688	62.39%	6.419%
3	5.528	581	585	594	rBV	552902	540007	11.46%	1.179%
4	6.534	751	756	761	rBV2	3185329	3578109	75.91%	7.811%
5	6.687	778	782	785	rBV	2166845	1987702	42.17%	4.339%
6	6.922	818	822	825	rBV	1708884	1422347	30.17%	3.105%
7	6.975	828	831	834	rBV	112928	93776	1.99%	0.205%
8	7.075	844	848	852	rBV	3746019	3366023	71.41%	7.348%
9	7.481	912	917	920	rBV	3080571	2638673	55.98%	5.760%
10	8.134	1025	1028	1034	rVB	594576	503024	10.67%	1.098%
11	8.204	1034	1040	1043	rBV	2007406	1795429	38.09%	3.919%
12	8.387	1067	1071	1074	rBV	396212	309926	6.58%	0.677%
13	8.445	1078	1081	1084	rBV	352000	290067	6.15%	0.633%
14	8.475	1084	1086	1089	rVB	162837	121148	2.57%	0.264%
15	8.628	1109	1112	1117	rVB5	71629	89499	1.90%	0.195%
16	8.798	1138	1141	1145	rBV2	100624	86079	1.83%	0.188%
17	8.922	1156	1162	1164	rVB2	49285	86262	1.83%	0.188%
18	9.287	1219	1224	1227	rBV	5461020	4713672	100.00%	10.290%
19	9.363	1234	1237	1240	rBV	152767	140335	2.98%	0.306%
20	9.622	1275	1281	1284	rBV	142022	168783	3.58%	0.368%
21	9.675	1287	1290	1294	rVV	641275	576628	12.23%	1.259%
22	9.781	1305	1308	1311	rVB3	50153	54033	1.15%	0.118%
23	9.828	1313	1316	1320	rBV3	42447	52380	1.11%	0.114%
24	9.898	1320	1328	1330	rBV	178154	191006	4.05%	0.417%
25	9.928	1330	1333	1336	rVB	1049203	919303	19.50%	2.007%
26	9.969	1336	1340	1344	rBV	2331726	1908430	40.49%	4.166%
27	10.169	1370	1374	1379	rVB	759276	693519	14.71%	1.514%
28	10.216	1379	1382	1387	rVB4	62077	77152	1.64%	0.168%
29	10.286	1391	1394	1397	rBV3	49350	62865	1.33%	0.137%
30	10.339	1400	1403	1406	rVB2	134421	108903	2.31%	0.238%
31	10.375	1406	1409	1411	rBV2	45718	55973	1.19%	0.122%
32	10.398	1411	1413	1416	rVB	222258	159350	3.38%	0.348%
33	10.516	1430	1433	1437	rBV4	45819	54781	1.16%	0.120%
34	10.622	1446	1451	1456	rVB2	80243	116150	2.46%	0.254%

LSC Area Percent Report

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Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.757	1469	1474	1478	rBV3	183265	208050	4.41%	0.454%
36	10.875	1491	1494	1502	rVB	235348	335187	7.11%	0.732%
37	11.233	1551	1555	1558	rVB	138409	134078	2.84%	0.293%
38	11.322	1567	1570	1573	rBV	304769	270000	5.73%	0.589%
39	11.357	1573	1576	1582	rVB3	127690	169764	3.60%	0.371%
40	11.410	1582	1585	1587	rBV	175054	145971	3.10%	0.319%
41	11.463	1590	1594	1596	rVV	1803374	1692283	35.90%	3.694%
42	11.486	1596	1598	1601	rVV	344690	304167	6.45%	0.664%
43	11.533	1604	1606	1609	rVV	81075	80611	1.71%	0.176%
44	11.569	1609	1612	1615	rVB3	64654	70838	1.50%	0.155%
45	11.751	1640	1643	1646	rVB	177026	133708	2.84%	0.292%
46	11.963	1676	1679	1680	rBV	79597	64403	1.37%	0.141%
47	11.980	1680	1682	1686	rVB2	290803	306120	6.49%	0.668%
48	12.075	1695	1698	1700	rBV3	79213	77328	1.64%	0.169%
49	12.163	1710	1713	1716	rBV	163994	149350	3.17%	0.326%
50	12.316	1736	1739	1741	rBV	77885	97353	2.07%	0.213%
51	12.410	1753	1755	1757	rBV2	89454	66756	1.42%	0.146%
52	12.445	1758	1761	1763	rBV2	116085	122161	2.59%	0.267%
53	12.516	1770	1773	1776	rBV3	85002	96651	2.05%	0.211%
54	12.551	1776	1779	1782	rBV	236630	233614	4.96%	0.510%
55	12.675	1797	1800	1806	rBV2	374830	626778	13.30%	1.368%
56	12.769	1813	1816	1818	rBV	197476	195328	4.14%	0.426%
57	12.904	1837	1839	1841	rBV	300179	268242	5.69%	0.586%
58	13.051	1860	1864	1874	rBV	4291259	4120725	87.42%	8.995%
59	13.280	1900	1903	1906	rBV	355225	419839	8.91%	0.916%
60	13.310	1906	1908	1916	rVV3	274082	409672	8.69%	0.894%
61	13.410	1922	1925	1928	rBV2	449144	541019	11.48%	1.181%
62	13.745	1979	1982	1991	rBV3	439828	1017796	21.59%	2.222%
63	14.110	2041	2044	2047	rVB	1382221	1375751	29.19%	3.003%
64	15.627	2299	2302	2306	rBV	952054	1056284	22.41%	2.306%

Sum of corrected areas: 45808962

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
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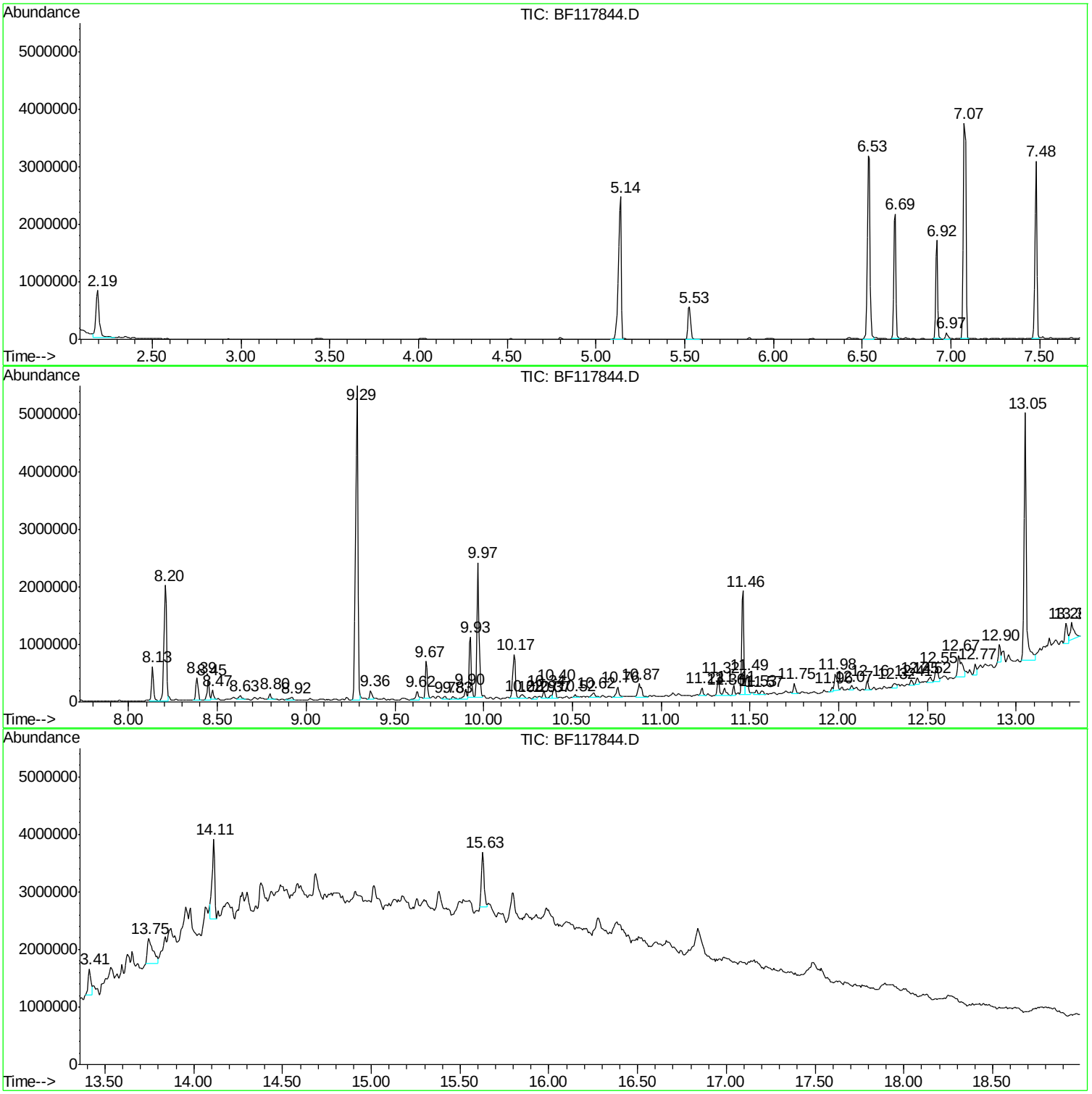
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

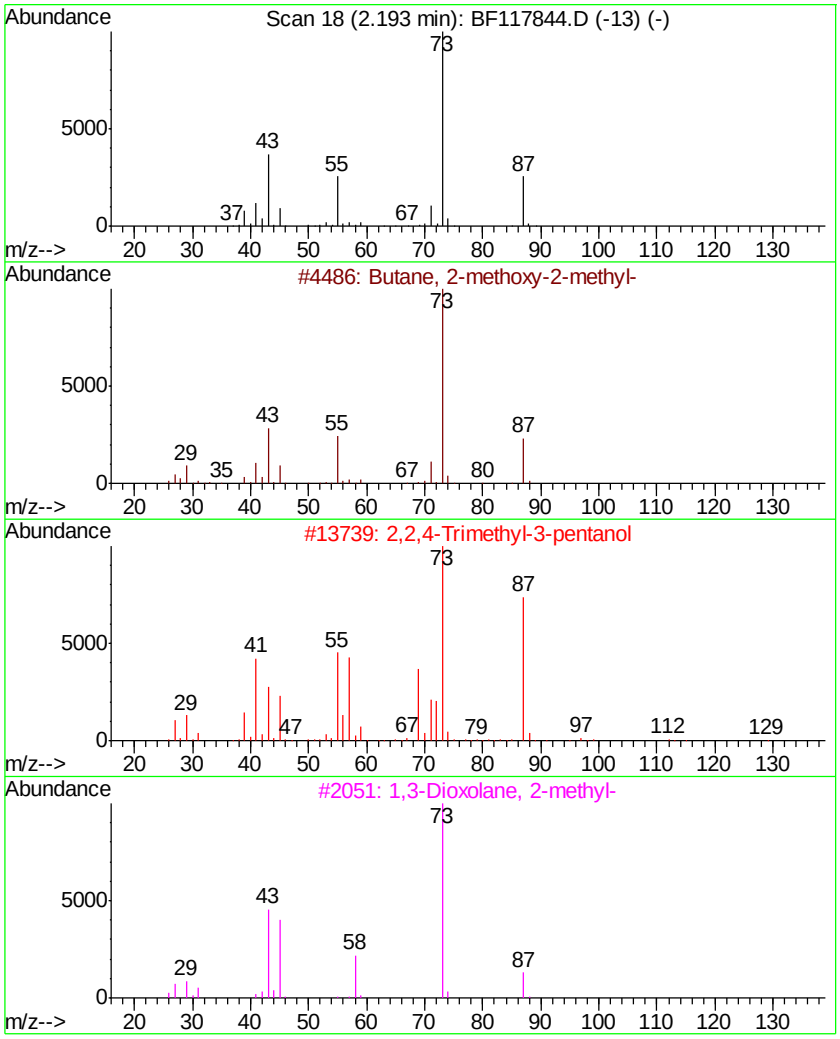
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

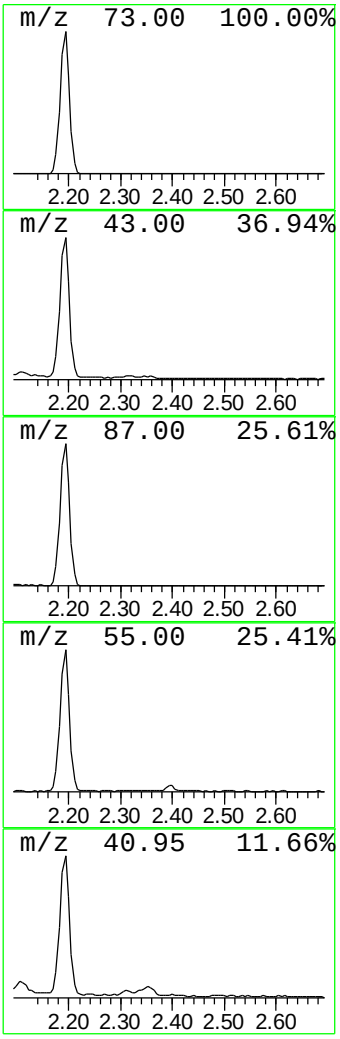
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	15.71 ng	1117110	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

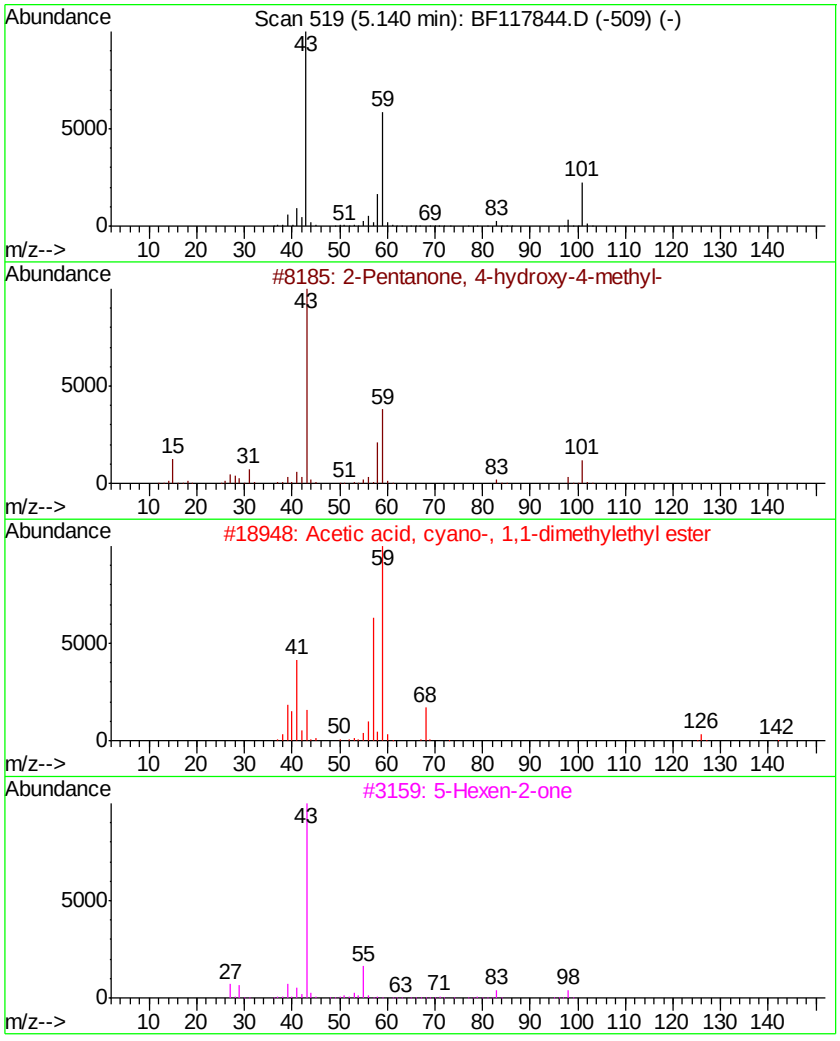
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

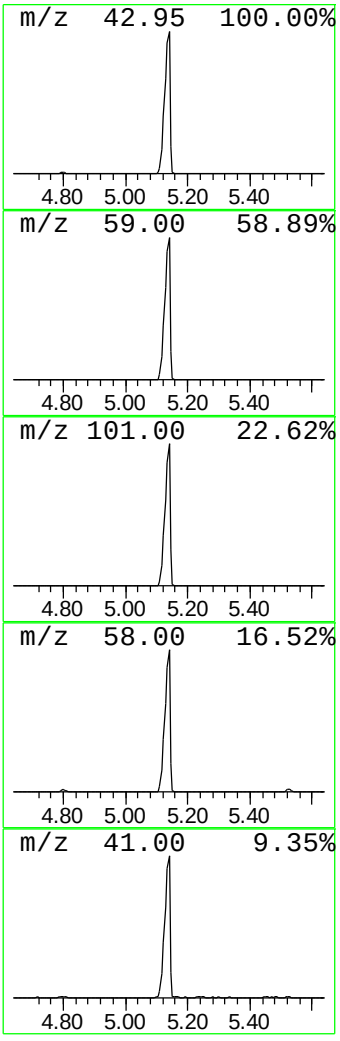
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	41.35 ng	2940690	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

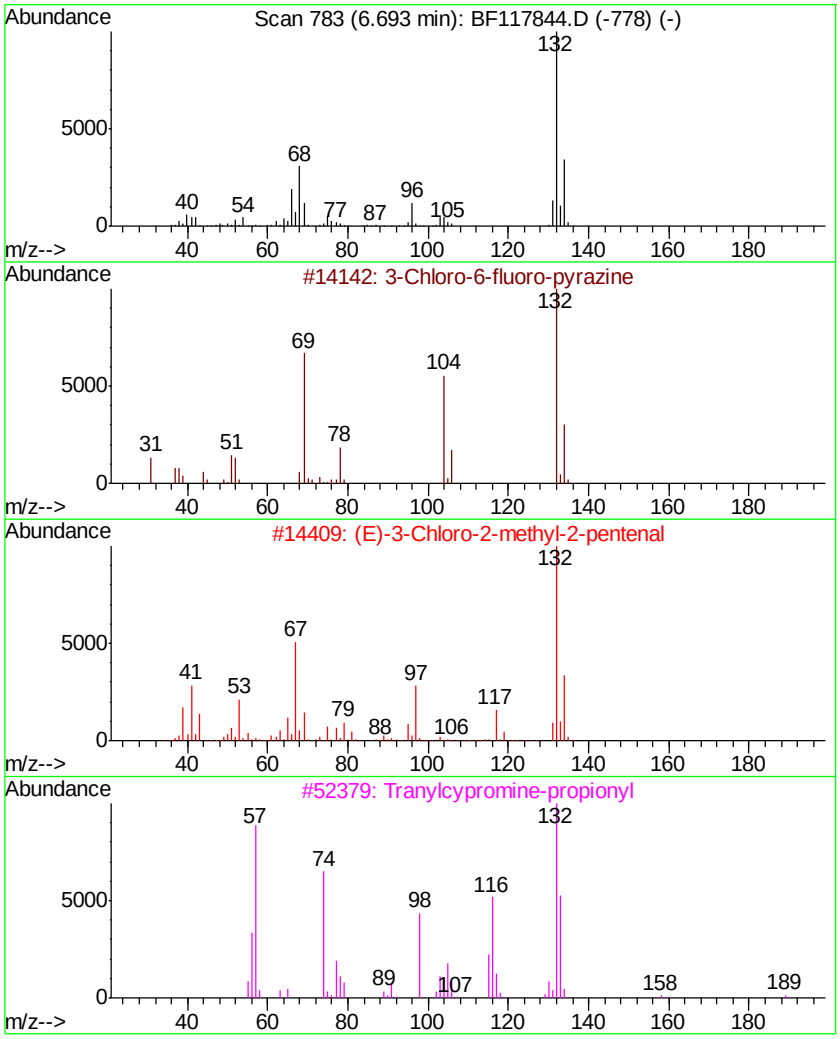
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

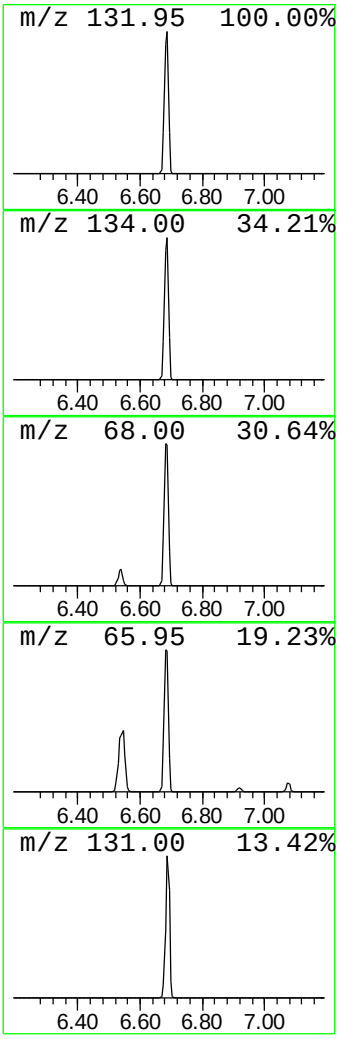
****

Peak Number 3 unknown6.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	27.95 ng	1987700	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
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Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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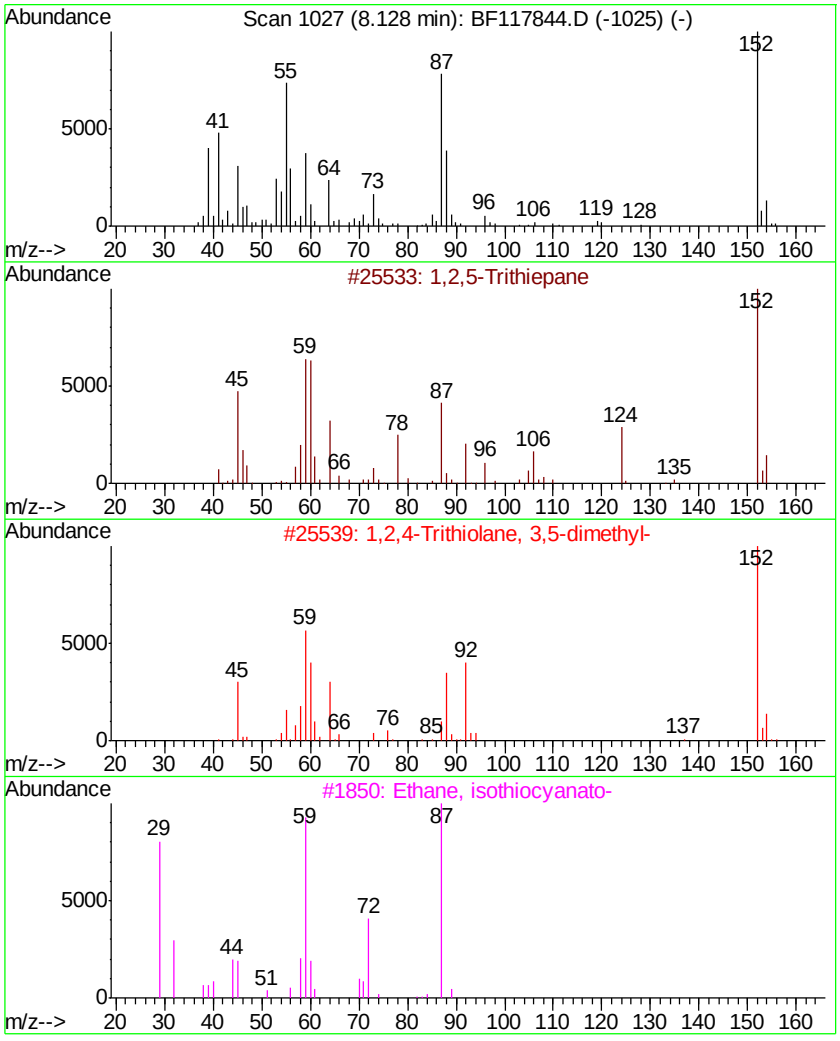
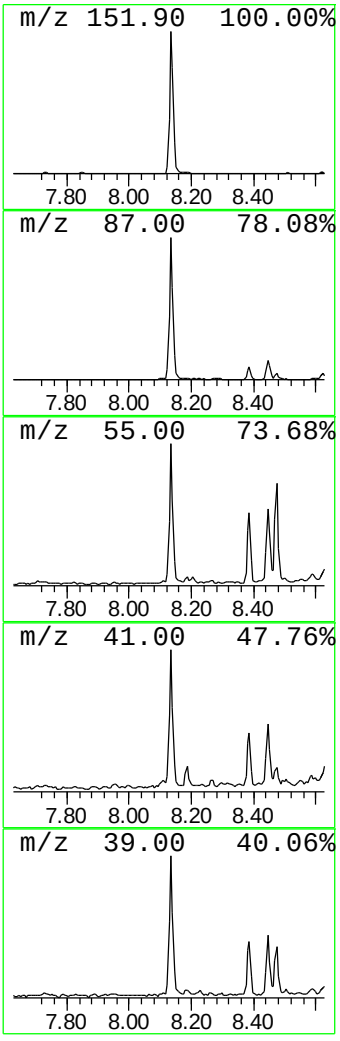
****

Peak Number 5 1,2,5-Trithiepane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	5.60 ng	503024	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	50
2	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	40
3	Ethane, isothiocyanato-	87	C3H5NS	000542-85-8	14
4	8-Azaguanine	152	C4H4N6O	000134-58-7	12
5	2-Heptenoic acid, methyl ester	142	C8H14O2	022104-69-4	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

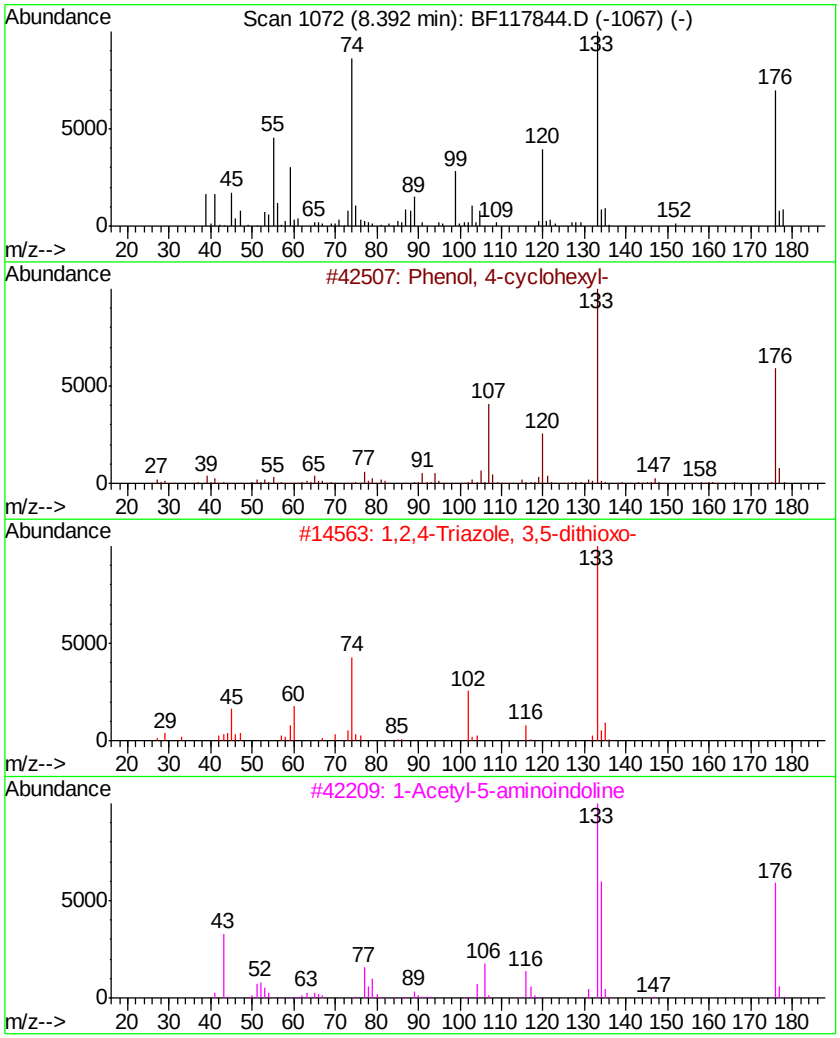
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

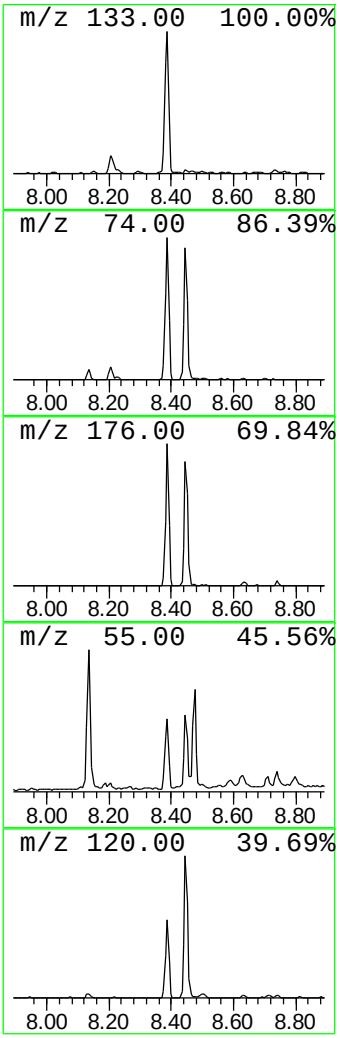
****

Peak Number 6 unknown8.39 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	3.45 ng	309926	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-cyclohexyl-	176	C12H16O	001131-60-8	43
2	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	43
3	1-Acetyl-5-aminoindoline	176	C10H12N2O	004993-96-8	38
4	D-Alanine, N-(4-ethylbenzoyl)-, ...	375	C23H37NO3	1000354-09-2	35
5	Rhodanine	133	C3H3NOS2	000141-84-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

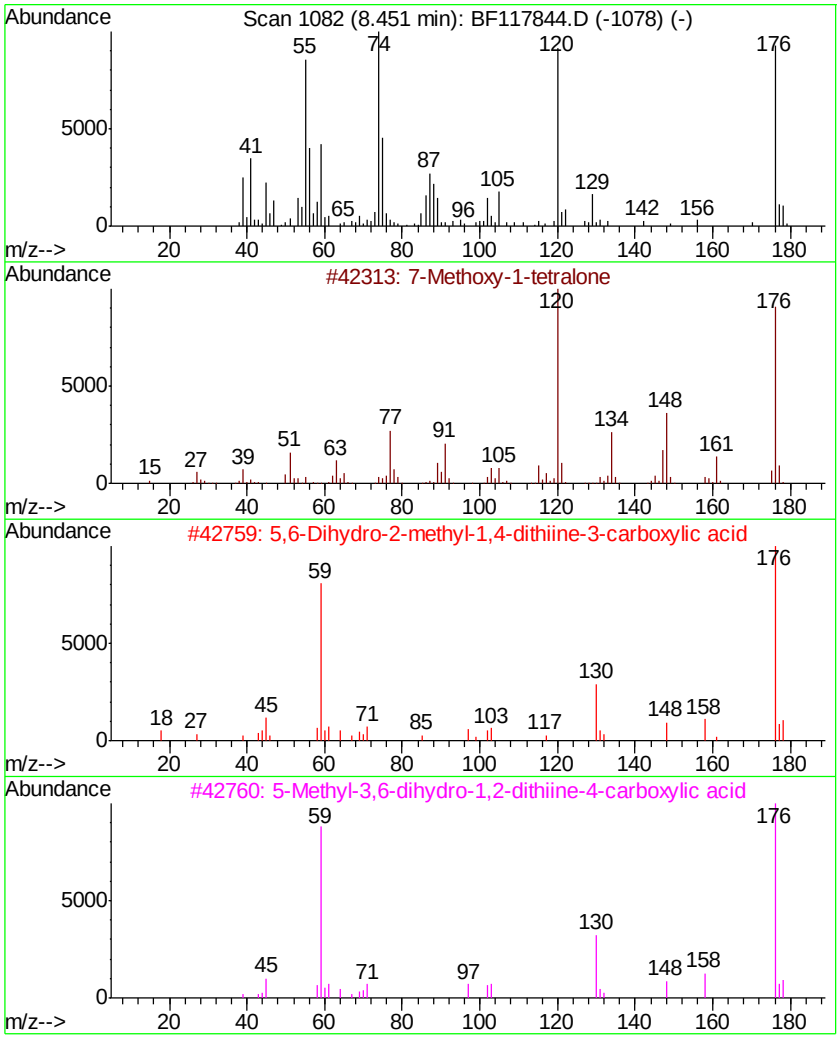
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

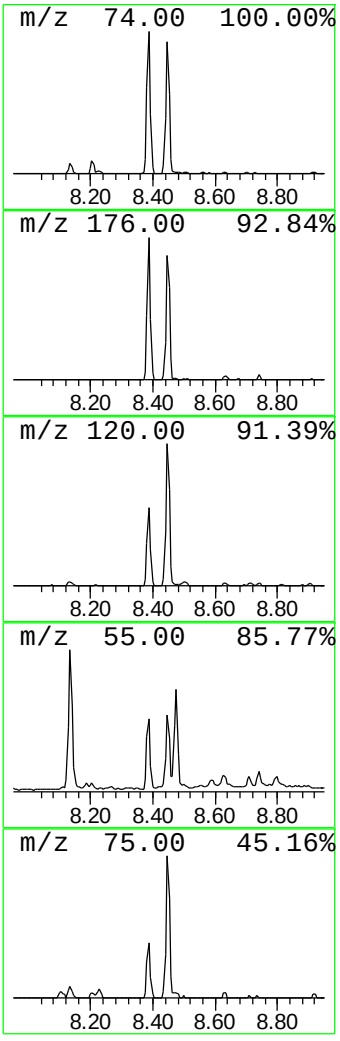
****

Peak Number 7 unknown8.45 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	3.23 ng	290067	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxy-1-tetralone	176	C11H12O2	006836-19-7	27
2	5,6-Dihydro-2-methyl-1,4-dithiin...	176	C6H8O2S2	035756-29-7	18
3	5-Methyl-3,6-dihydro-1,2-dithiin...	176	C6H8O2S2	959252-25-6	18
4	1-(p-Tolyl)-2-imidazolidinone	176	C10H12N2O	090917-76-3	16
5	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

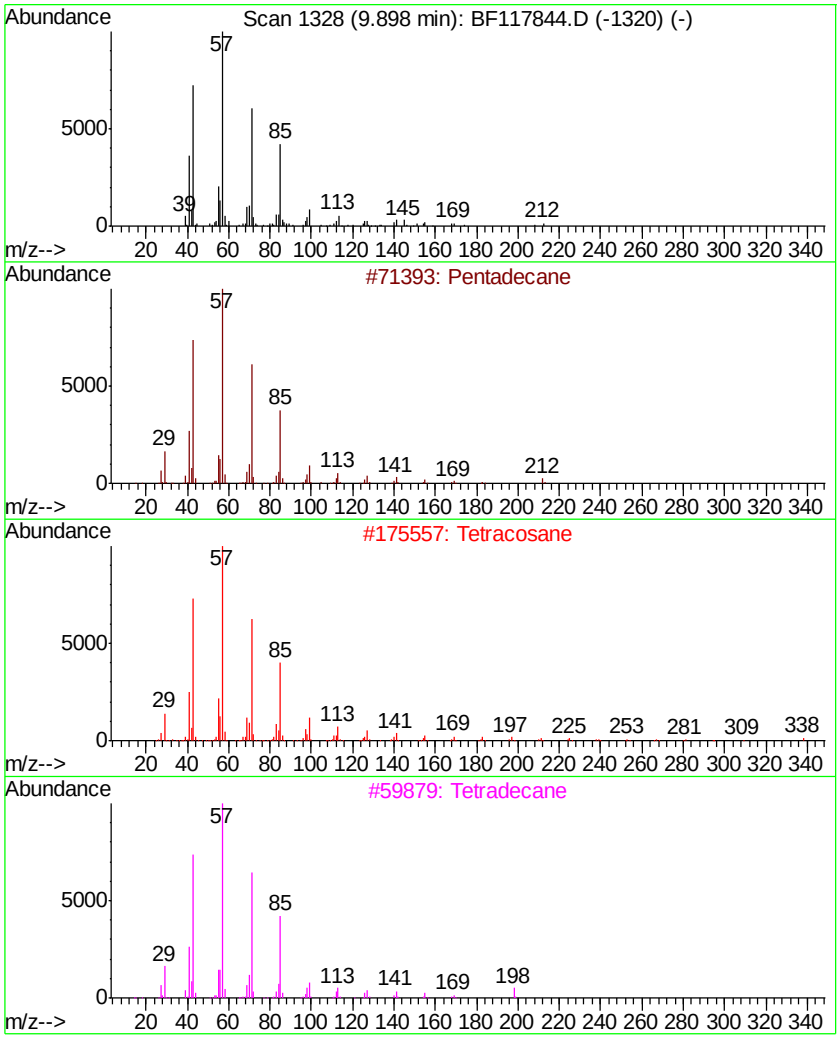
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

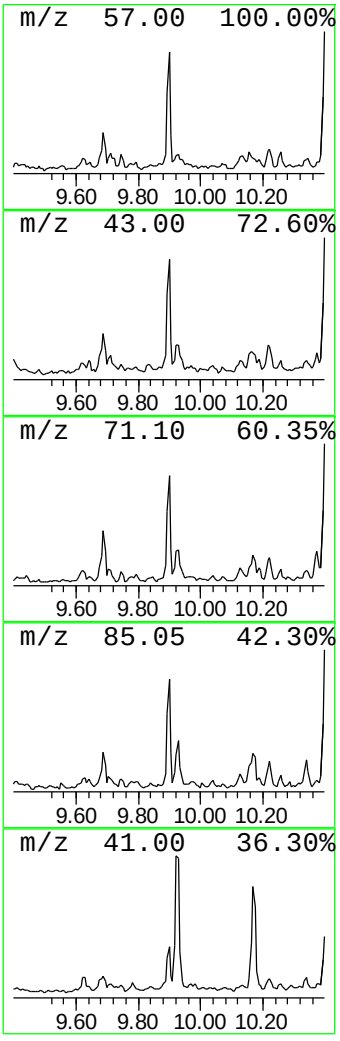
****

Peak Number 8 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.00 ng	191006	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Nonadecane	268	C19H40	000629-92-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

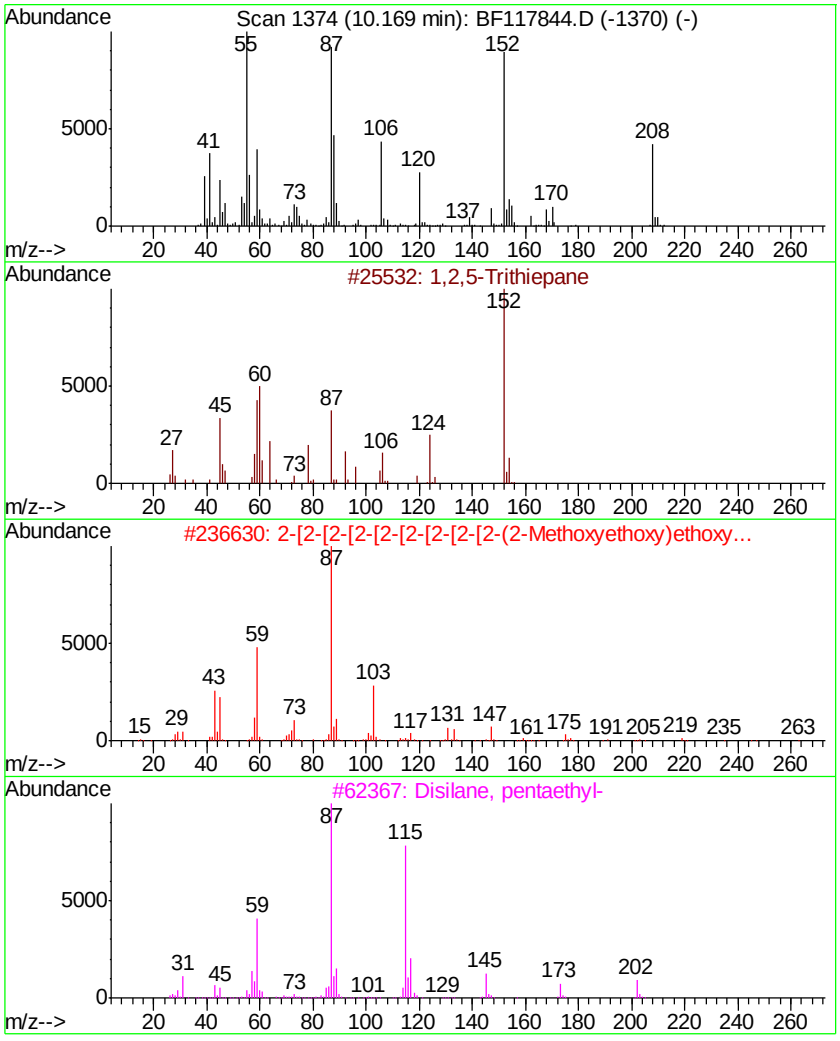
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

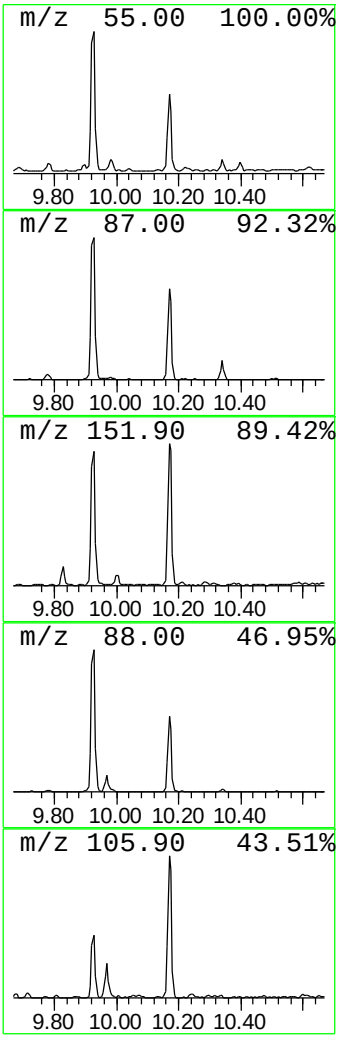
****

Peak Number 9 unknown10.17 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	7.27 ng	693519	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	27
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Met...	514	C23H46O12	1000351-89-8	22
3	Disilane, pentaethyl-	202	C10H26Si2	003754-74-3	12
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	558	C25H50O13	1000351-91-9	12
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	12





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Operator : JU
Sample : K5865-01
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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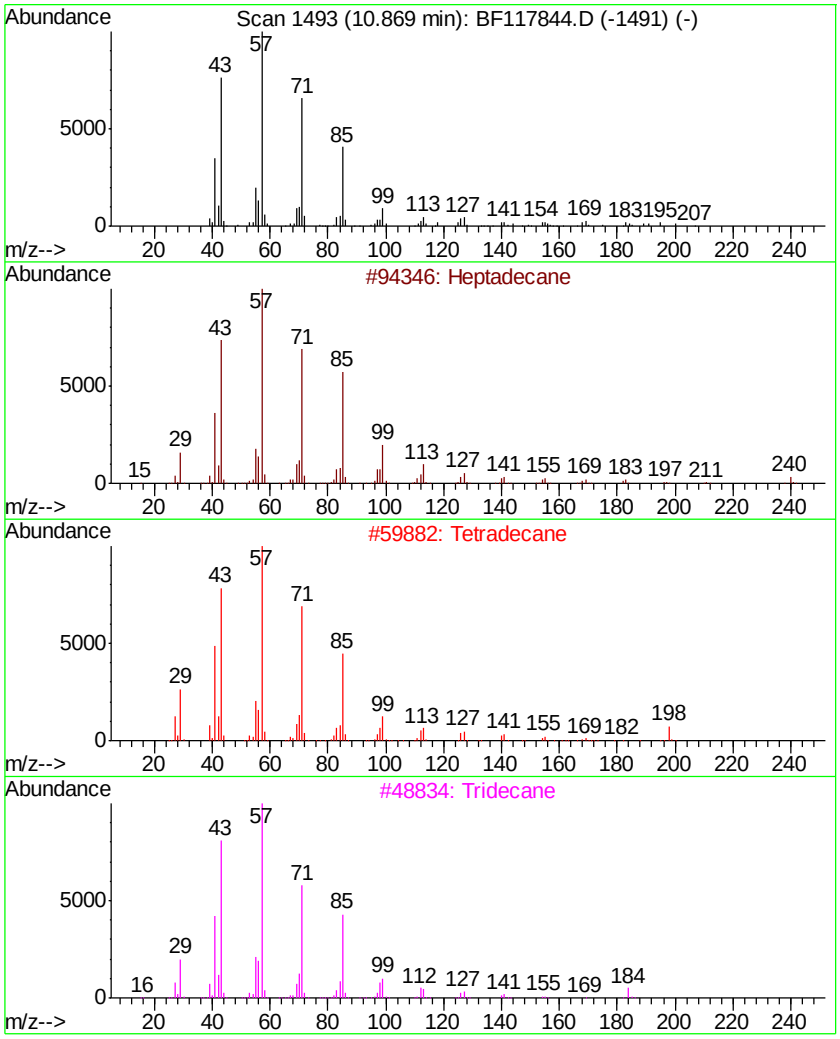
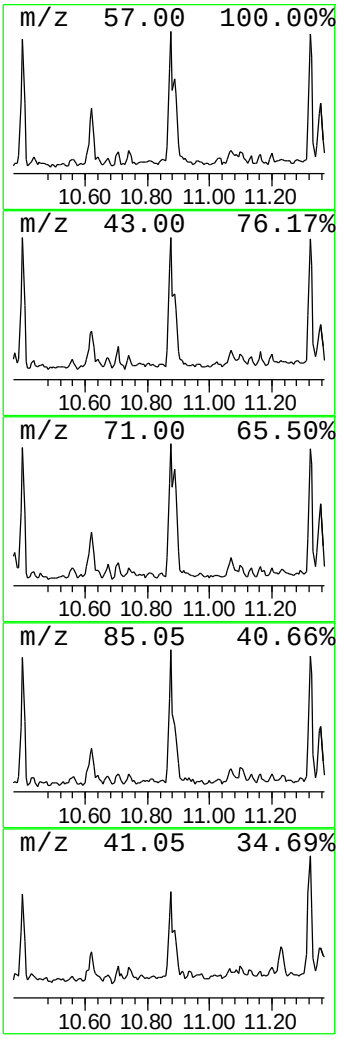
Peak Number 10 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.96 ng	335187	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetradecane	198	C14H30	000629-59-4	93
3	Tridecane	184	C13H28	000629-50-5	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Dodecane	170	C12H26	000112-40-3	90





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Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

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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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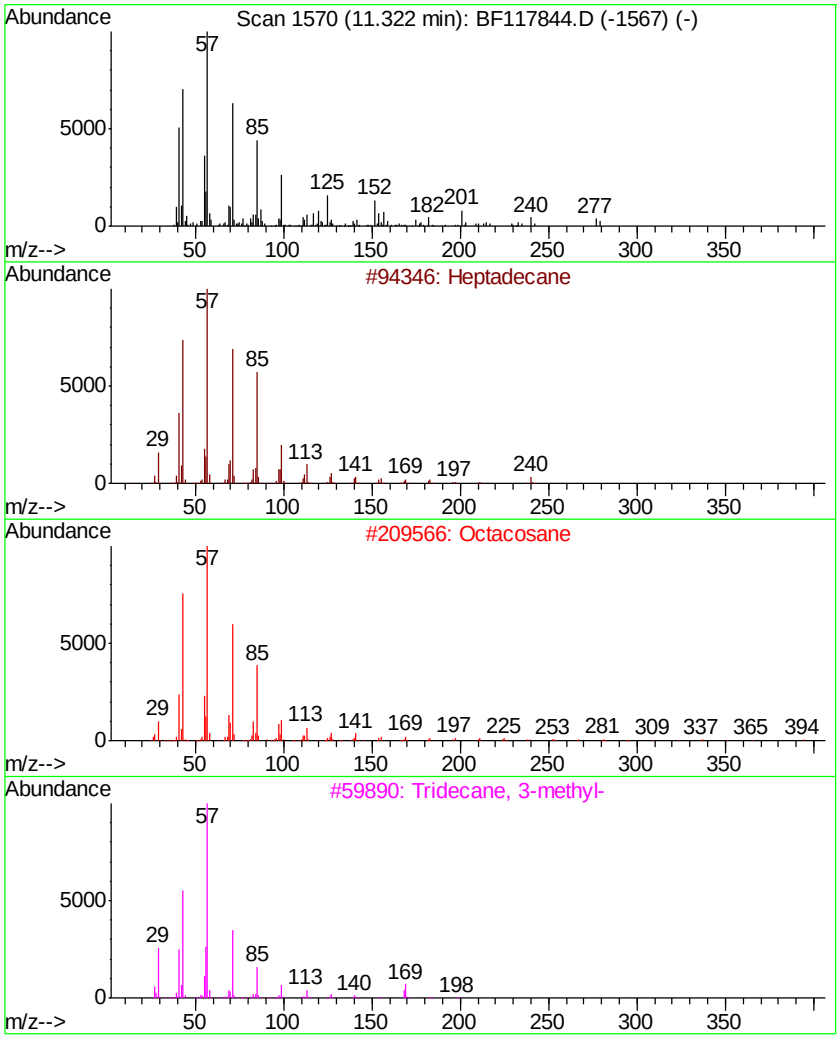
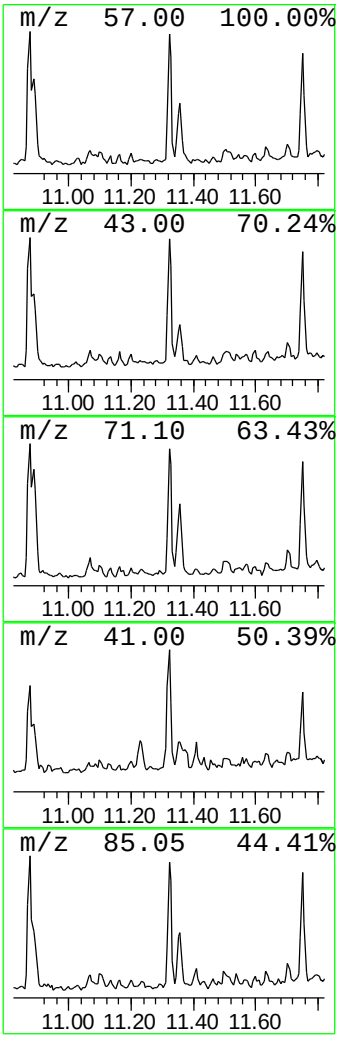
Peak Number 11 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	3.19 ng	270000	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Octacosane	394	C28H58	000630-02-4	58
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	58
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	52





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Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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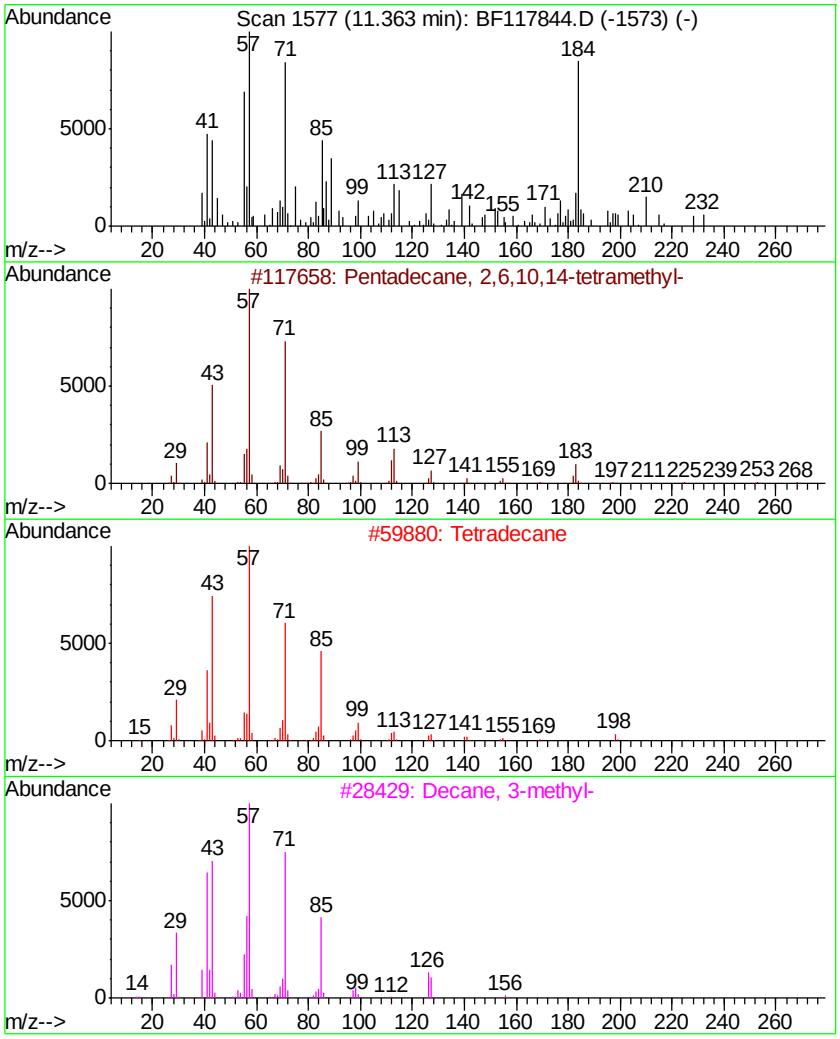
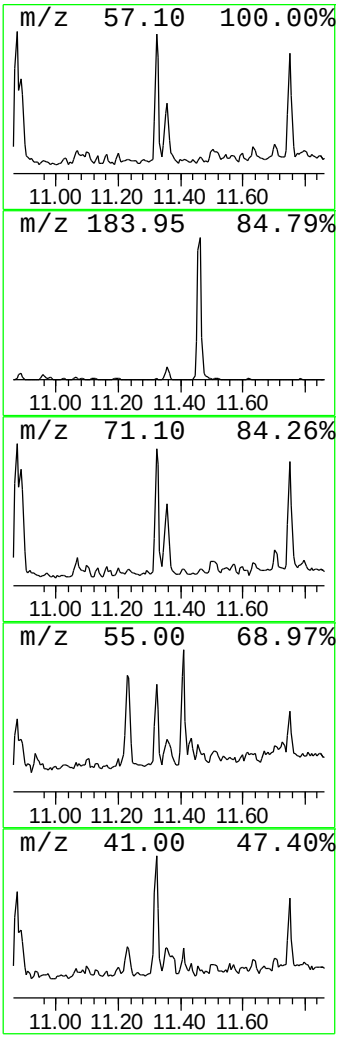
Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.01 ng	169764	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
2	Tetradecane	198	C14H30	000629-59-4	58
3	Decane, 3-methyl-	156	C11H24	013151-34-3	58
4	Octacosane	394	C28H58	000630-02-4	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53





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Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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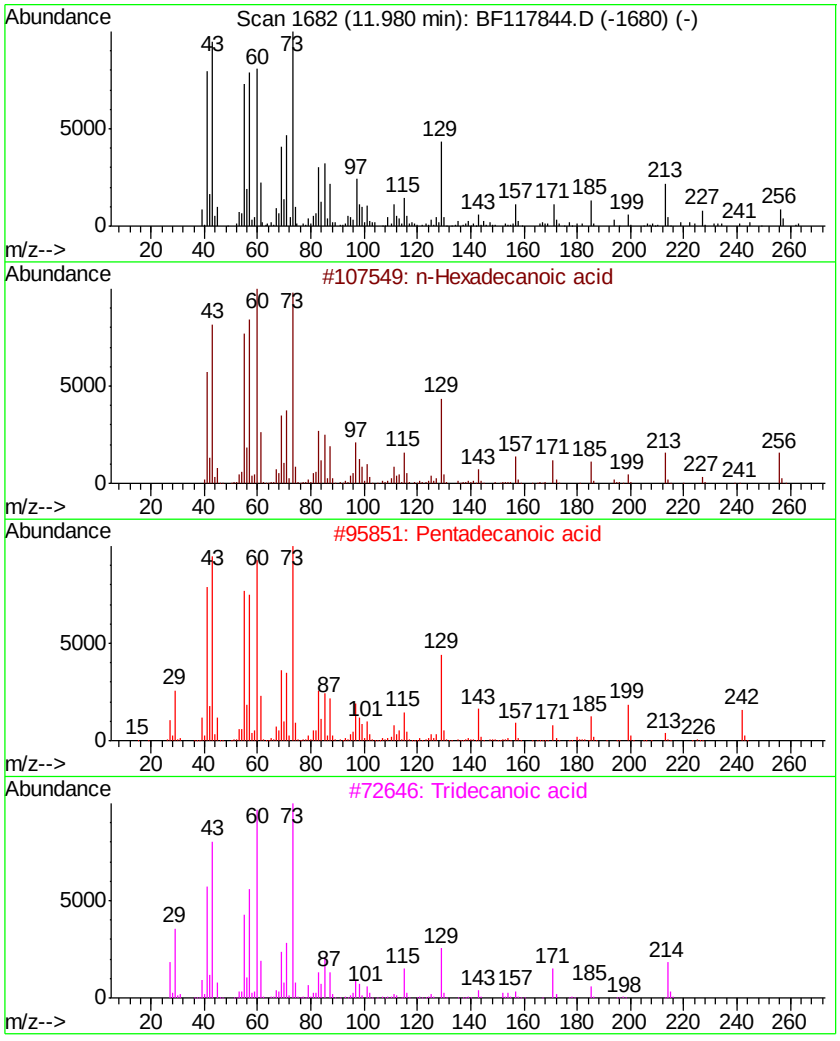
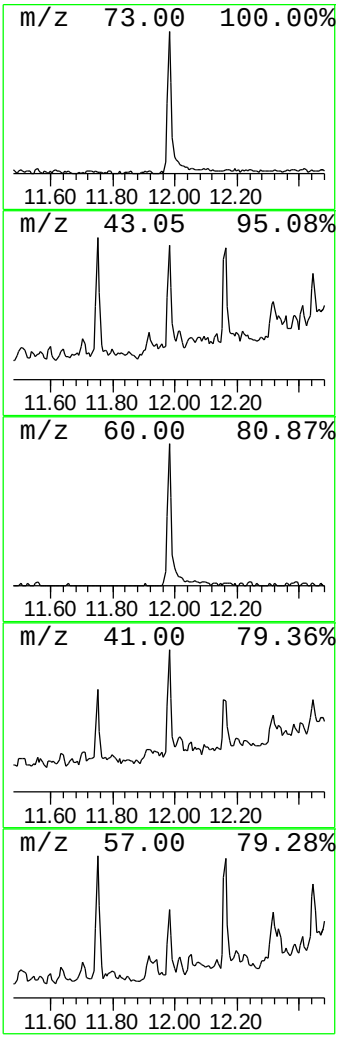
Peak Number 13 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.62 ng	306120	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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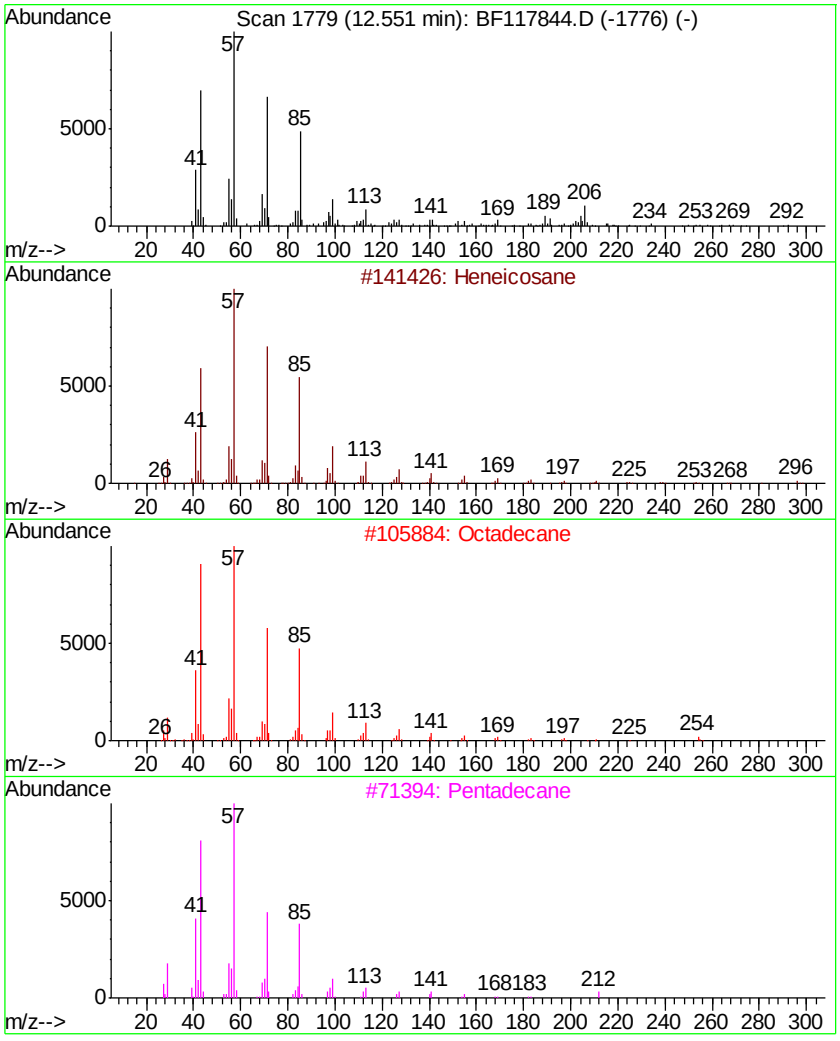
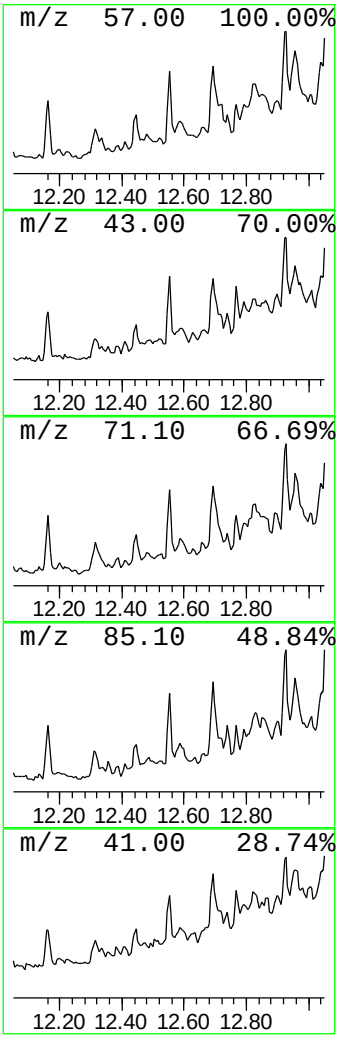
Peak Number 14 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.76 ng	233614	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	Octadecane	254	C18H38	000593-45-3	68
3	Pentadecane	212	C15H32	000629-62-9	68
4	Heptadecane	240	C17H36	000629-78-7	68
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64





Library Search Compound Report

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Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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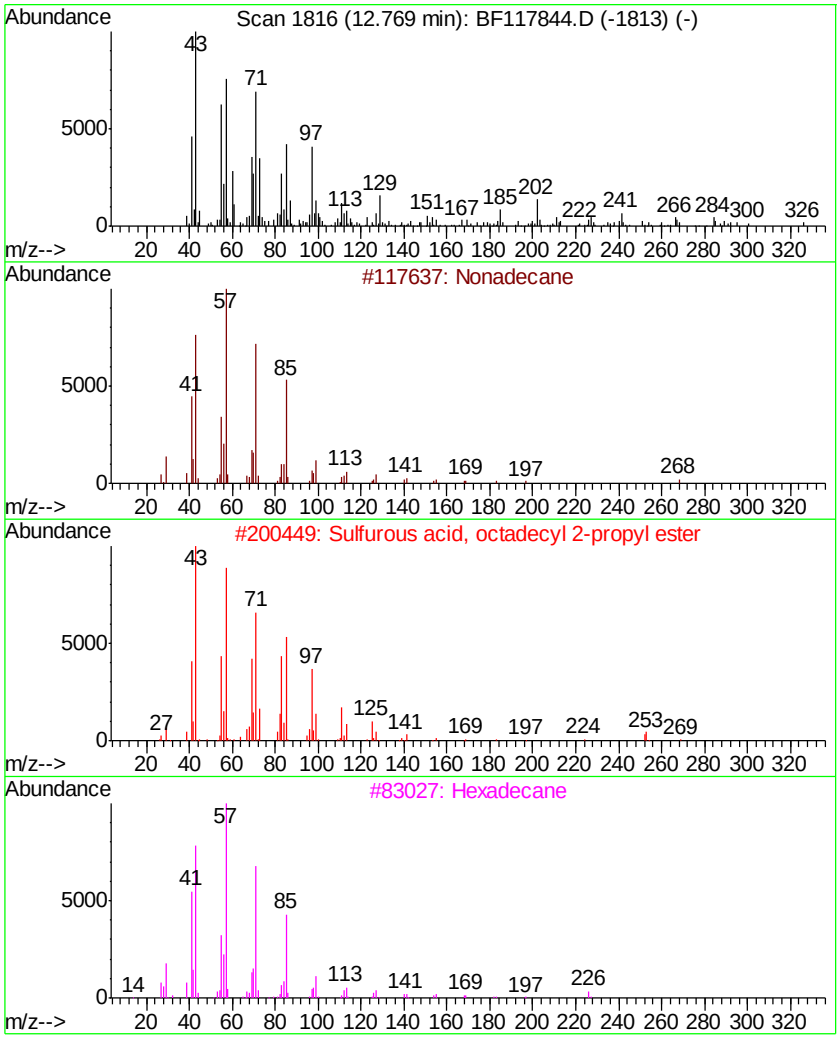
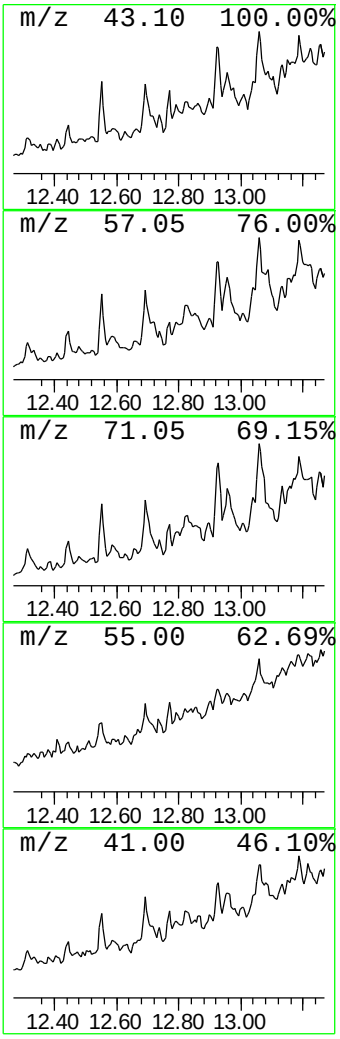
Peak Number 16 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.31 ng	195328	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	58
3	Hexadecane	226	C16H34	000544-76-3	56
4	Heptadecane	240	C17H36	000629-78-7	55
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	46





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Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : 4-(2-4)

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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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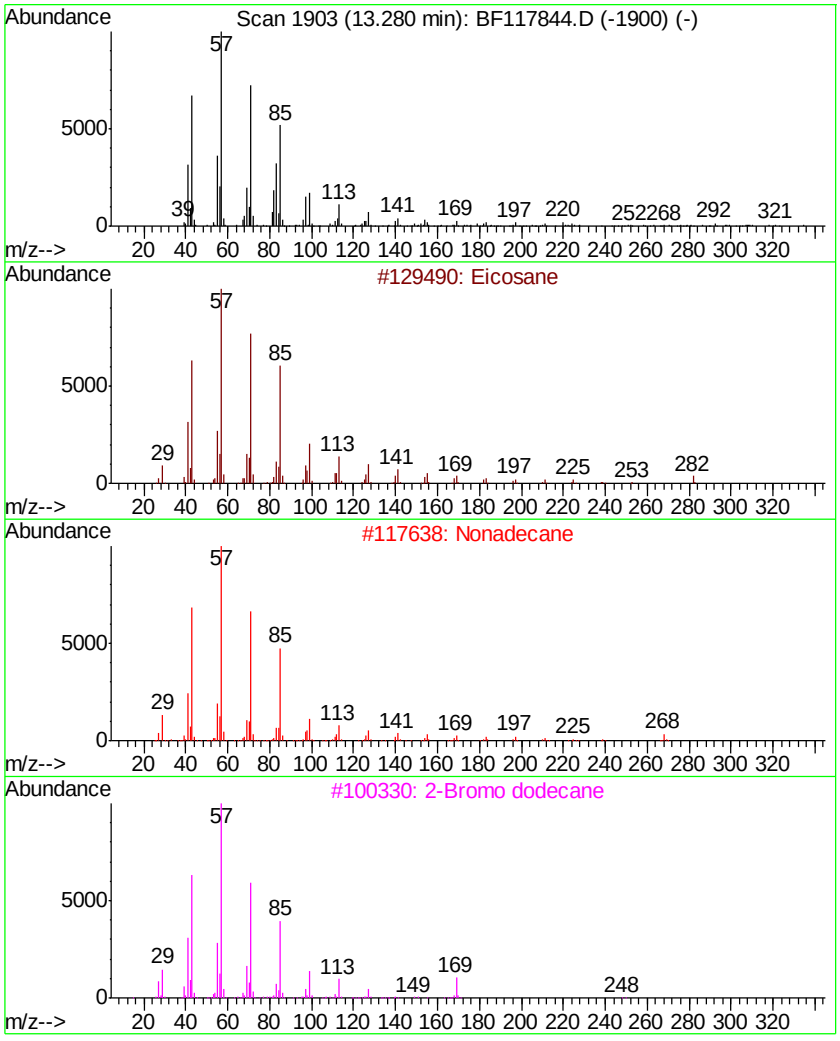
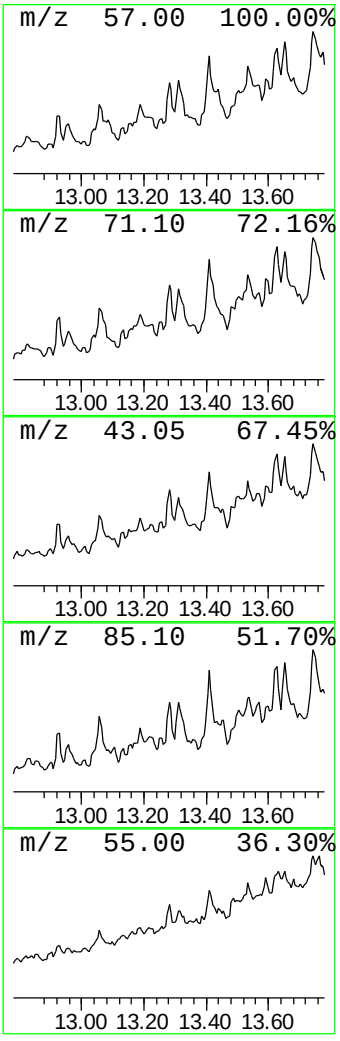
Peak Number 17 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	6.10 ng	419839	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	89
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Hexacosane	366	C26H54	000630-01-3	83





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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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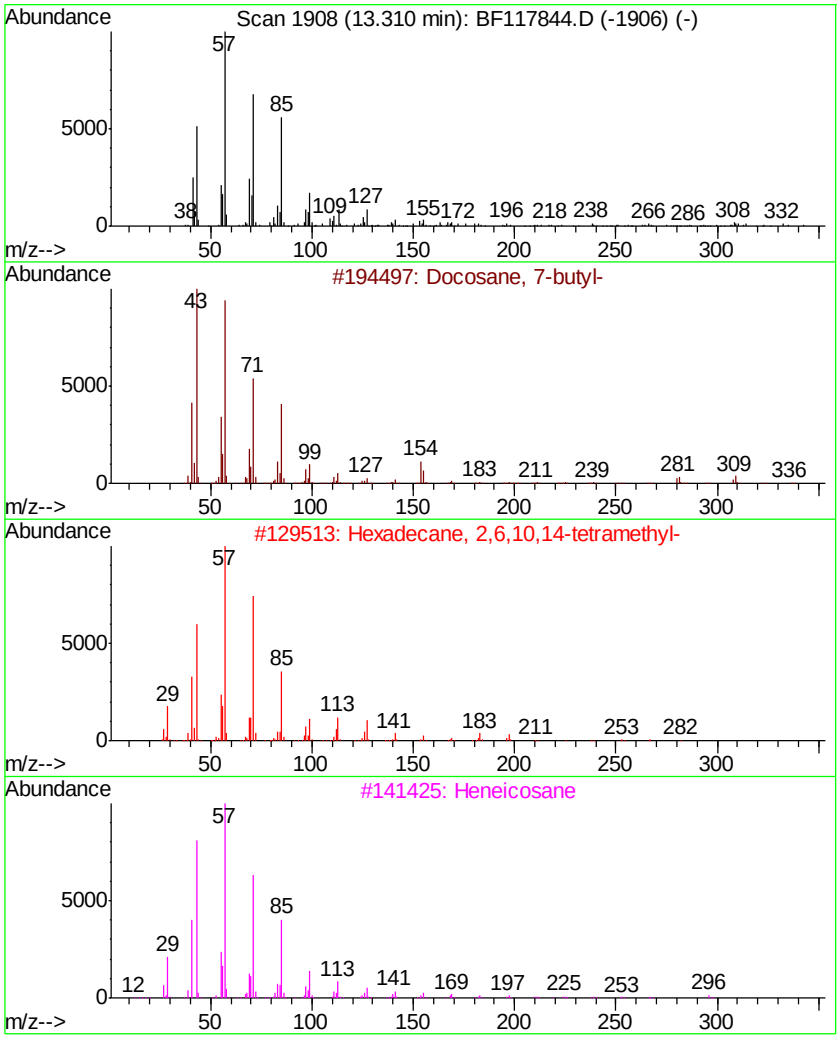
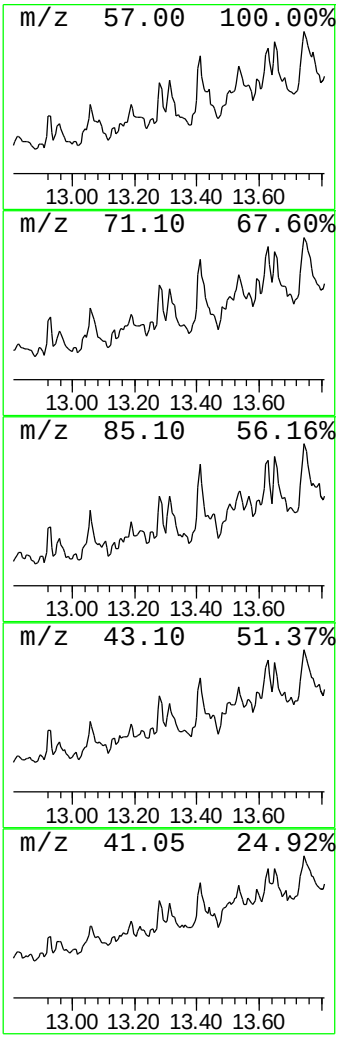
Peak Number 18 Docosane, 7-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	5.96 ng	409672	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-butyl-	366	C26H54	055282-15-0	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Heneicosane	296	C21H44	000629-94-7	80
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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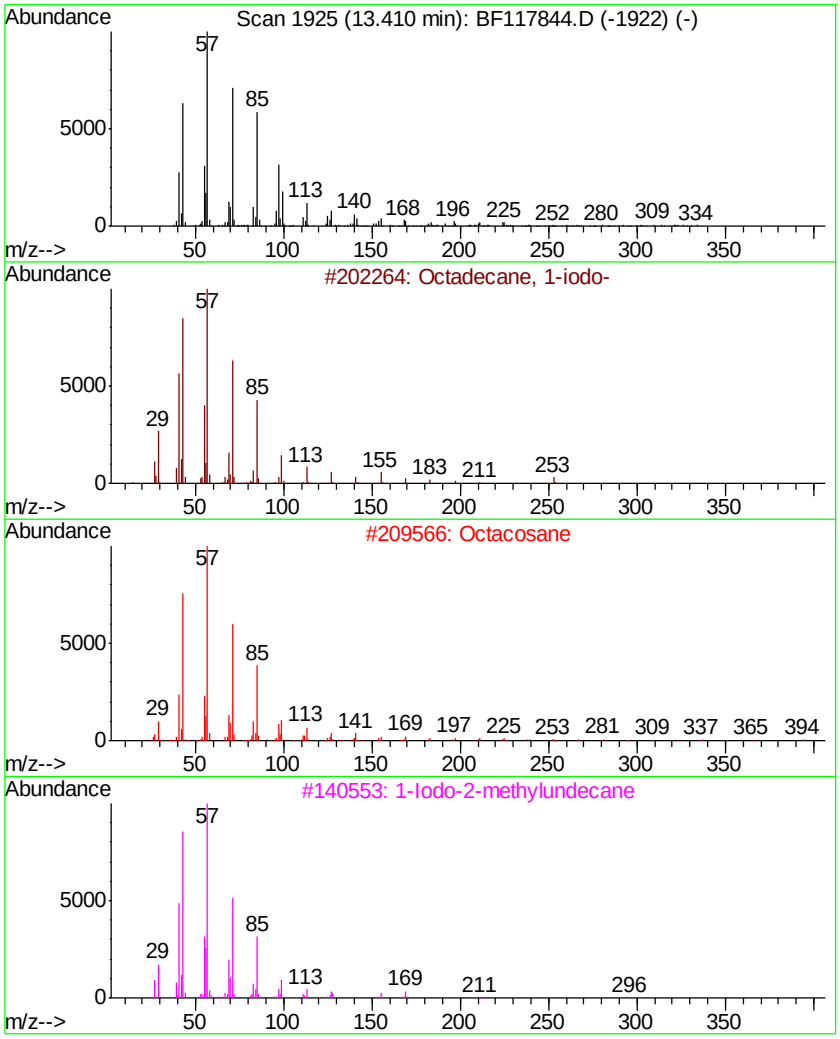
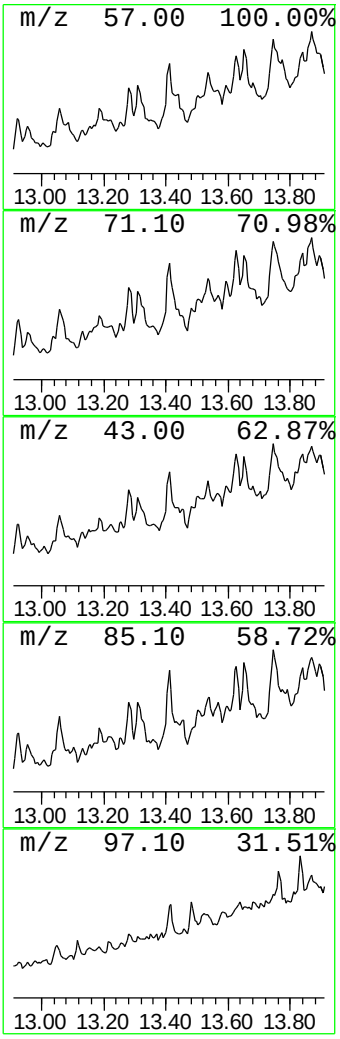
Peak Number 19 Octadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	7.87 ng	541019	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
2	Octacosane	394	C28H58	000630-02-4	62
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	62
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	58





Library Search Compound Report

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Data File : BF117844.D
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Operator : JU
Sample : K5865-01
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ClientSampleId : 4-(2-4)

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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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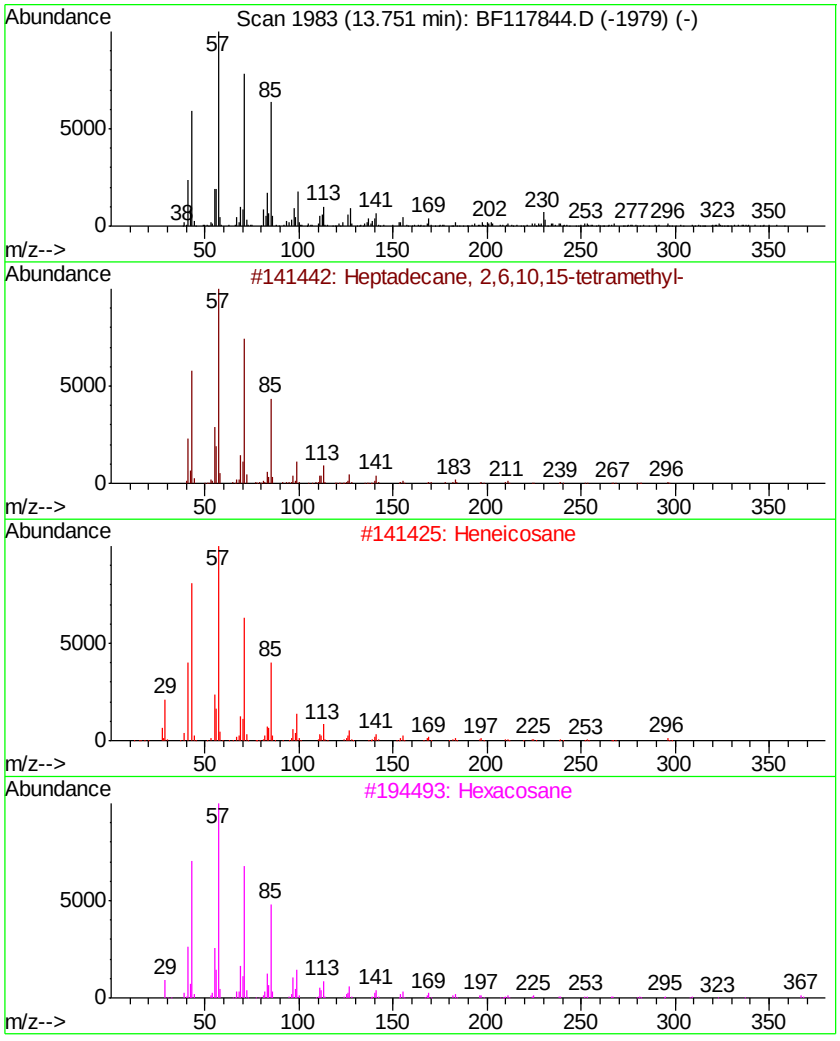
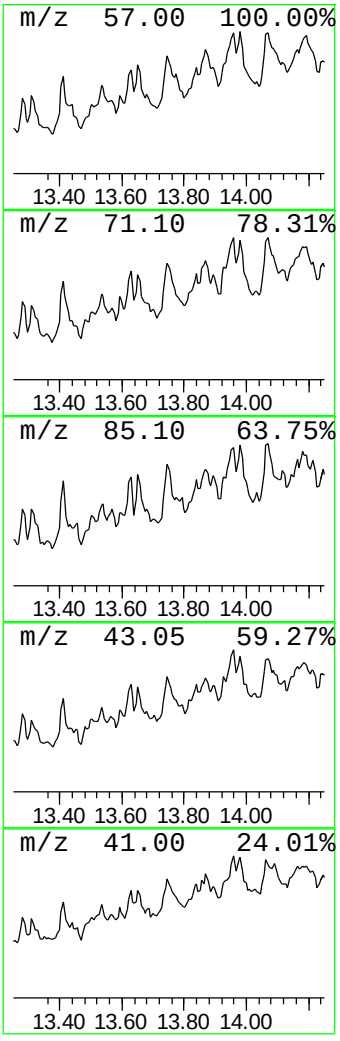
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	14.80 ng	1017800	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	89
3	Hexacosane	366	C26H54	000630-01-3	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80





Tentatively Identified Compound (LSC) summary

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Data File : BF117844.D
Acq On : 18 Nov 2019 19:20
Operator : JU
Sample : K5865-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.19	15.7	ng	1117110	1	6.92	1422350	20.0
2-Pentanone, 4-hy...	5.14	41.4	ng	2940690	1	6.92	1422350	20.0
unknown6.69	6.69	27.9	ng	1987700	1	6.92	1422350	20.0
1,2,5-Trithiepane	8.13	5.6	ng	503024	2	8.20	1795430	20.0
unknown8.39	8.39	3.5	ng	309926	2	8.20	1795430	20.0
unknown8.45	8.45	3.2	ng	290067	2	8.20	1795430	20.0
Pentadecane	9.90	2.0	ng	191006	3	9.97	1908430	20.0
unknown10.17	10.17	7.3	ng	693519	3	9.97	1908430	20.0
Heptadecane	10.87	4.0	ng	335187	4	11.46	1692280	20.0
Octacosane	11.32	3.2	ng	270000	4	11.46	1692280	20.0
Pentadecane, 2,6,...	11.36	2.0	ng	169764	4	11.46	1692280	20.0
n-Hexadecanoic acid	11.98	3.6	ng	306120	4	11.46	1692280	20.0
Heneicosane	12.55	2.8	ng	233614	4	11.46	1692280	20.0
Nonadecane	12.77	2.3	ng	195328	4	11.46	1692280	20.0
Eicosane	13.28	6.1	ng	419839	5	14.11	1375750	20.0
Docosane, 7-butyl-	13.31	6.0	ng	409672	5	14.11	1375750	20.0
Octadecane, 1-iodo-	13.41	7.9	ng	541019	5	14.11	1375750	20.0
Heptadecane, 2,6,...	13.75	14.8	ng	1017800	5	14.11	1375750	20.0