LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117845.D
Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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	2.210	16	21	37	rVB	962520	1314946	23.88%	2.598%
2	4.528	409	415	419	rBV	1822584	1954680	35.50%	3.862%
3	5.145	510	520	523	rBV	3022849	4250636	77.20%	8.399%
4	5.445	567	571	575	rVB	81315	76156	1.38%	0.150%
5	5.528	580	585	589	rBV	529851	439482	7.98%	0.868%
6	5.763	621	625	632	rVB2	110104	115948	2.11%	0.229%
7	6.533	752	756	765	rBV2	2842755	3162656	57.44%	6.249%
8	6.681	778	781	785	rBV	1146220	1027241	18.66%	2.030%
9	6.745	789	792	796	rBV3	63381	77021	1.40%	0.152%
10	6.922	818	822	825	rBV	1701752	1394239	25.32%	2.755%
11	6.975	828	831	835	rBV	188329	162651	2.95%	0.321%
12	7.051	841	844	845	rBV	183433	136793	2.48%	0.270%
13	7.080	845	849	852	rVB	4621311	4030540	73.21%	7.964%
14	7.480	912	917	920	rBV	3284398	3075170	55.85%	6.076%
15	7.516	920	923	926	rVB	85263	73057	1.33%	0.144%
16	7.704	952	955	957	rBV2	58548	68199	1.24%	0.135%
17	7.733	957	960	970	rVB3	94845	134627	2.45%	0.266%
18	8.204	1035	1040	1043	rBV	1878045	1805882	32.80%	3.568%
19	8.798	1138	1141	1145	rBV	194628	158031	2.87%	0.312%
20	8.922	1160	1162	1165	rVB	103042	73422	1.33%	0.145%
21	9.022	1176	1179	1183	rBV2	76848	85500	1.55%	0.169%
22	9.163	1199	1203	1207	rBV4	47425	70841	1.29%	0.140%
23	9.233	1212	1215	1219	rVB2	88925	83596	1.52%	0.165%
24	9.286	1219	1224	1227	rBV	6390443	5505755	100.00%	10.879%
25	9.363	1234	1237	1247	rBV2	271870	338947	6.16%	0.670%
26	9.557	1265	1270	1273	rBV3	71701	99146	1.80%	0.196%
27	9.604	1275	1278	1279	rBV2	74901	70283	1.28%	0.139%
28	9.621	1279	1281	1284	rVV	128958	136099	2.47%	0.269%
29	9.674	1288	1290	1295	rVV	627861	685516	12.45%	1.355%
30	9.745	1299	1302	1304	rVB3	81017	70884	1.29%	0.140%
31	9.827	1313	1316	1321	rBV	83509	102567	1.86%	0.203%
32	9.898	1321	1328	1330	rBV	384525	348429	6.33%	0.688%
33	9.969	1336	1340	1343	rVV	2116504	1722969	31.29%	3.405%
34	10.004	1343	1346	1348	rVB3	76758	64992	1.18%	0.128%

LSC Area Percent Report

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Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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	10.074	1355	1358	1362	rBV2	58300	68068	1.24%	0.134%
36	10.127	1362	1367	1370	rBV5	54917	92854	1.69%	0.183%
37	10.169	1370	1374	1379	rVV3	124298	178277	3.24%	0.352%
38	10.216	1379	1382	1387	rVB3	93356	131980	2.40%	0.261%
39	10.286	1391	1394	1396	rBV	81679	77087	1.40%	0.152%
40	10.374	1406	1409	1411	rBV2	79802	100310	1.82%	0.198%
41	10.398	1411	1413	1416	rVB	490567	358553	6.51%	0.708%
42	10.516	1430	1433	1439	rBV5	78886	120369	2.19%	0.238%
43	10.621	1446	1451	1456	rBV	219546	269911	4.90%	0.533%
44	10.674	1457	1460	1463	rVB3	74177	77867	1.41%	0.154%
45	10.704	1463	1465	1469	rBV3	50976	63281	1.15%	0.125%
46	10.739	1469	1471	1473	rBV	78692	65205	1.18%	0.129%
47	10.874	1491	1494	1495	rBV	510952	431419	7.84%	0.852%
48	11.068	1524	1527	1529	rBV3	66441	71081	1.29%	0.140%
49	11.098	1530	1532	1535	rVB2	79817	72127	1.31%	0.143%
50	11.321	1567	1570	1573	rBV2	518520	473987	8.61%	0.937%
51	11.357	1573	1576	1578	rBV	270201	216465	3.93%	0.428%
52	11.463	1590	1594	1596	rBV	1741832	1534581	27.87%	3.032%
53	11.486	1596	1598	1601	rVV	586227	492042	8.94%	0.972%
54	11.539	1604	1607	1609	rVB	122488	117662	2.14%	0.232%
55	11.751	1640	1643	1646	rVB	428870	337588	6.13%	0.667%
56	11.963	1677	1679	1680	rBV	112140	87692	1.59%	0.173%
57	11.992	1680	1684	1686	rVB2	186855	248301	4.51%	0.491%
58	12.074	1695	1698	1701	rBV2	129532	121716	2.21%	0.241%
59	12.163	1710	1713	1716	rBV	349092	284591	5.17%	0.562%
60	12.445	1758	1761	1763	rBV2	97677	106594	1.94%	0.211%
61	12.515	1770	1773	1776	rBV2	122081	122535	2.23%	0.242%
62	12.551	1776	1779	1782	rBV	311644	280800	5.10%	0.555%
63	12.680	1797	1801	1805	rBV	688849	648084	11.77%	1.281%
64	12.768	1814	1816	1819	rBV2	101733	112978	2.05%	0.223%
65	12.910	1835	1840	1842	rBV	679361	770796	14.00%	1.523%
66	13.051	1860	1864	1873	rVB	5032877	4532996	82.33%	8.957%
67	13.280	1901	1903	1905	rBV	170867	136109	2.47%	0.269%
68	13.627	1959	1962	1965	rBV2	141088	168270	3.06%	0.332%
69	13.951	2014	2017	2026	rVB2	360372	550716	10.00%	1.088%
70	14.109	2039	2044	2047	rBV2	1657168	1858885	33.76%	3.673%
71	14.133	2047	2048	2051	rVB	341606	184057	3.34%	0.364%

LSC Area Percent Report

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Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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

72	15.168	2222	2224	2233	rVB	355521	699812	12.71%	1.383%
73	15.621	2297	2301	2305	rBV	1074500	1425747	25.90%	2.817%

Sum of corrected areas: 50608294

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
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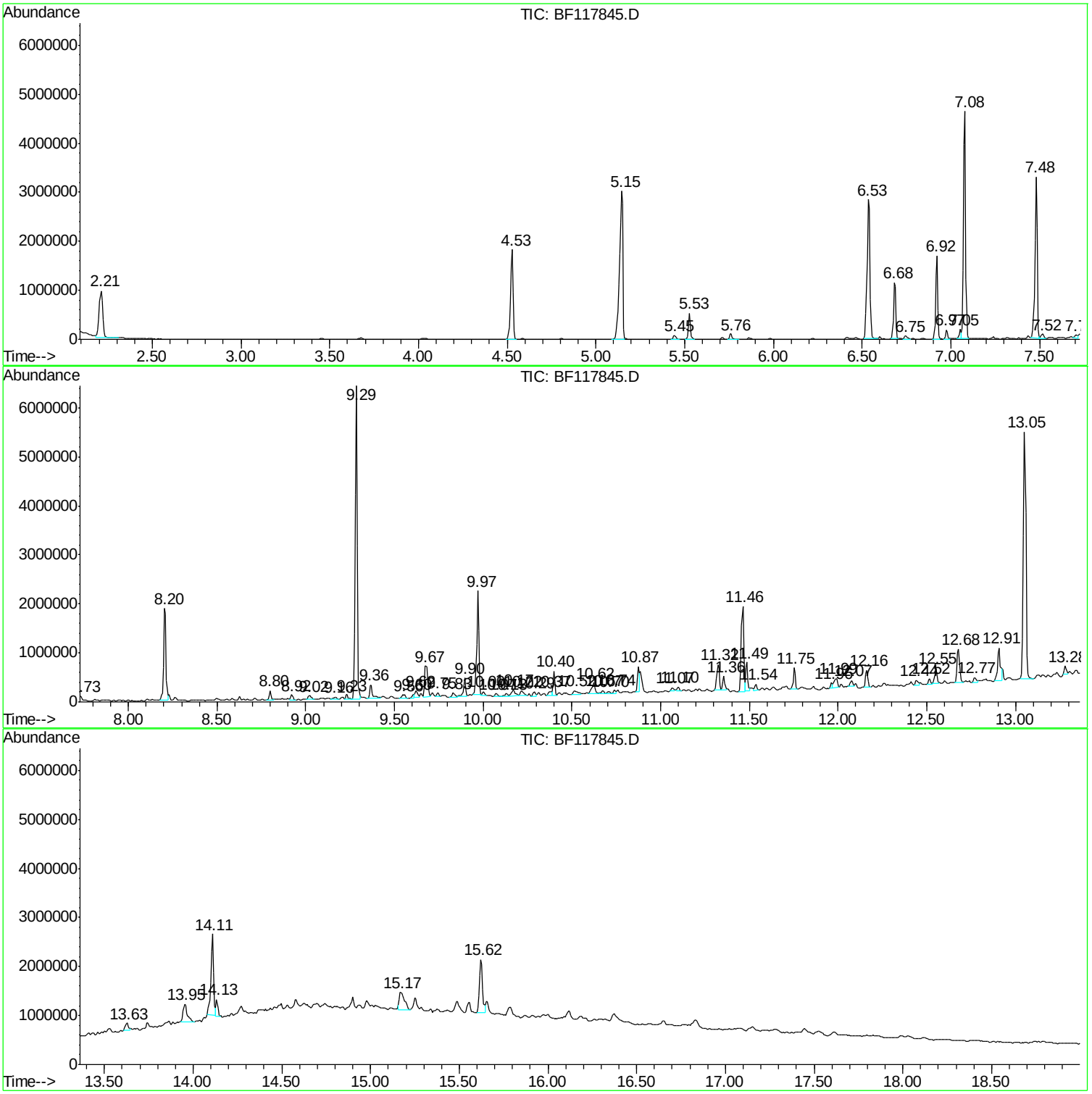
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117845.D
Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(2-4)

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

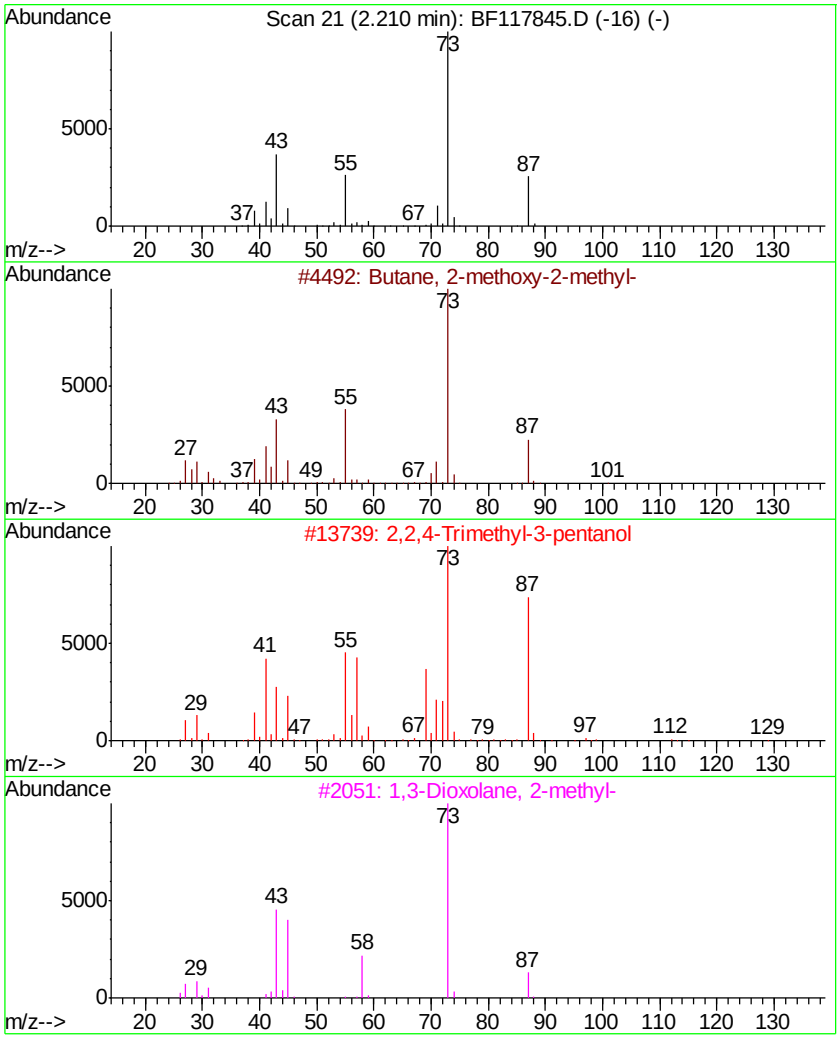
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

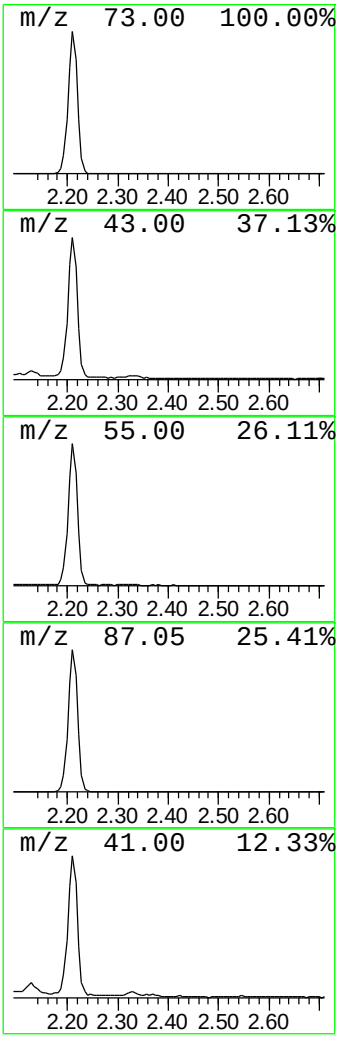
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	18.86 ng	1314950	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	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117845.D
Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(2-4)

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

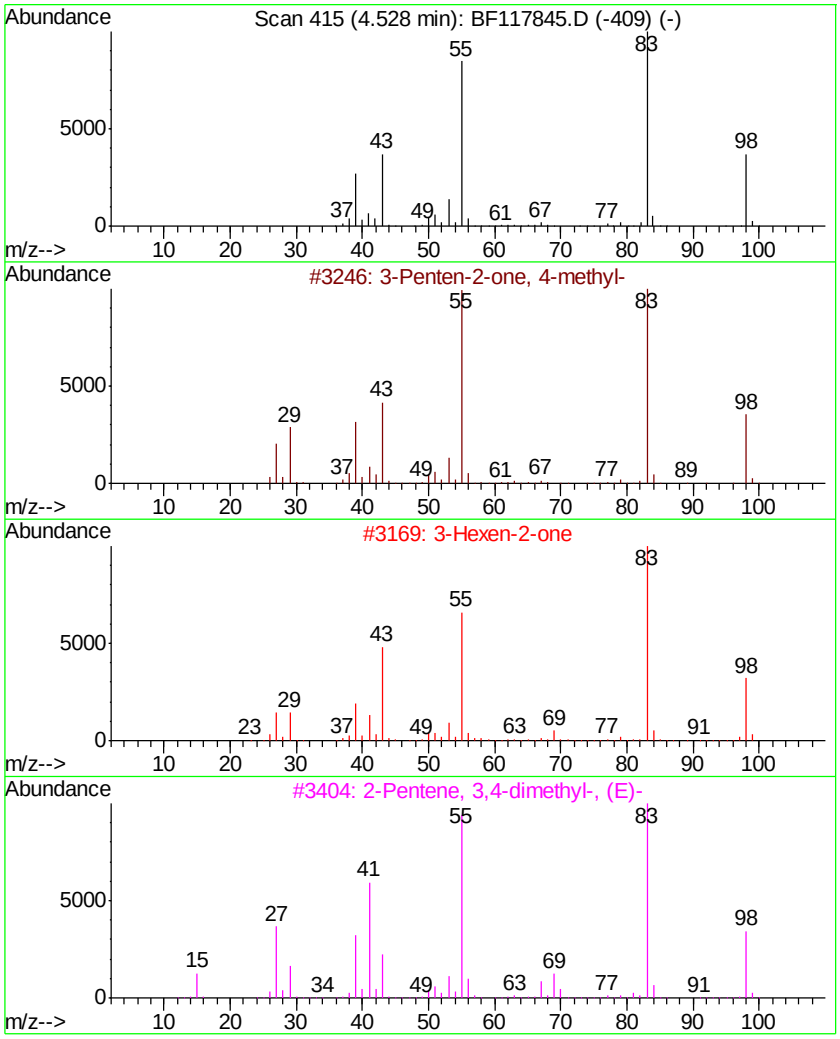
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

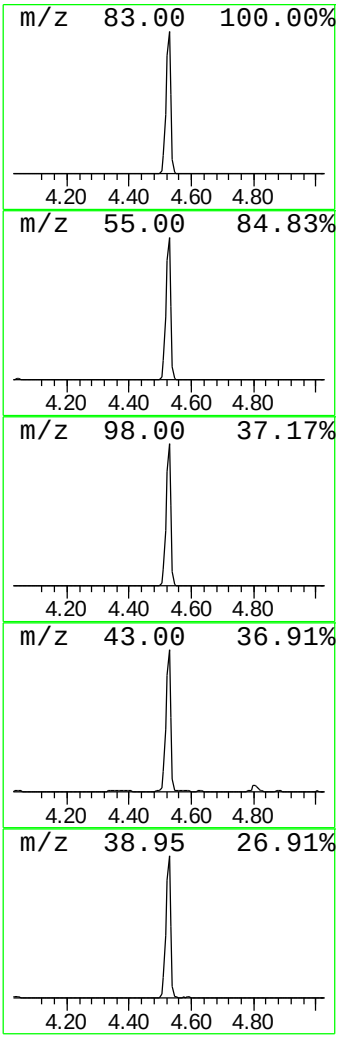
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	28.04 ng	1954680	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117845.D
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Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(2-4)

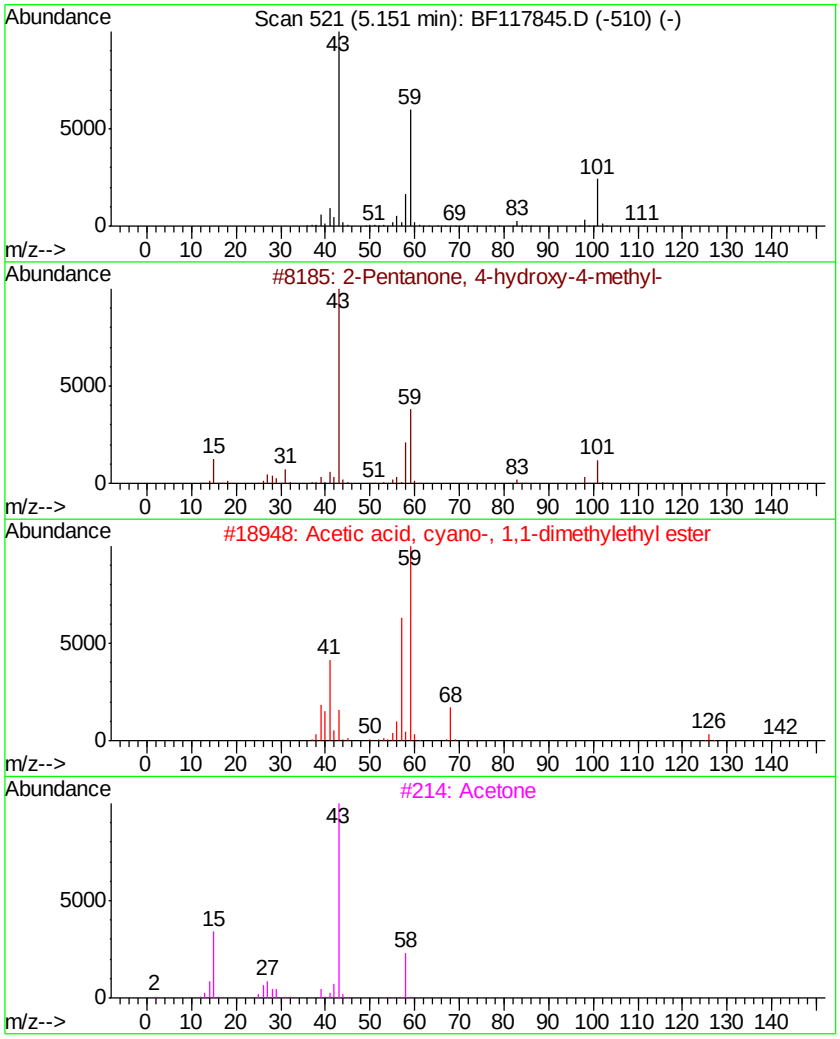
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

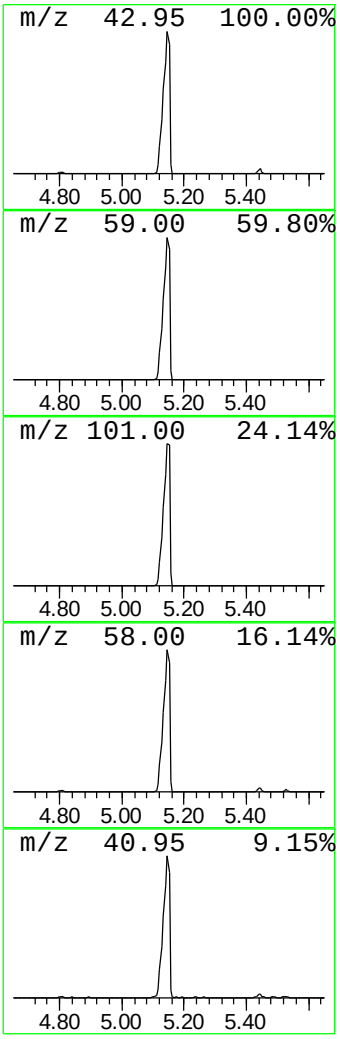
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	60.97 ng	4250640	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	25
3	Acetone	58	C3H6O	000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(2-4)

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

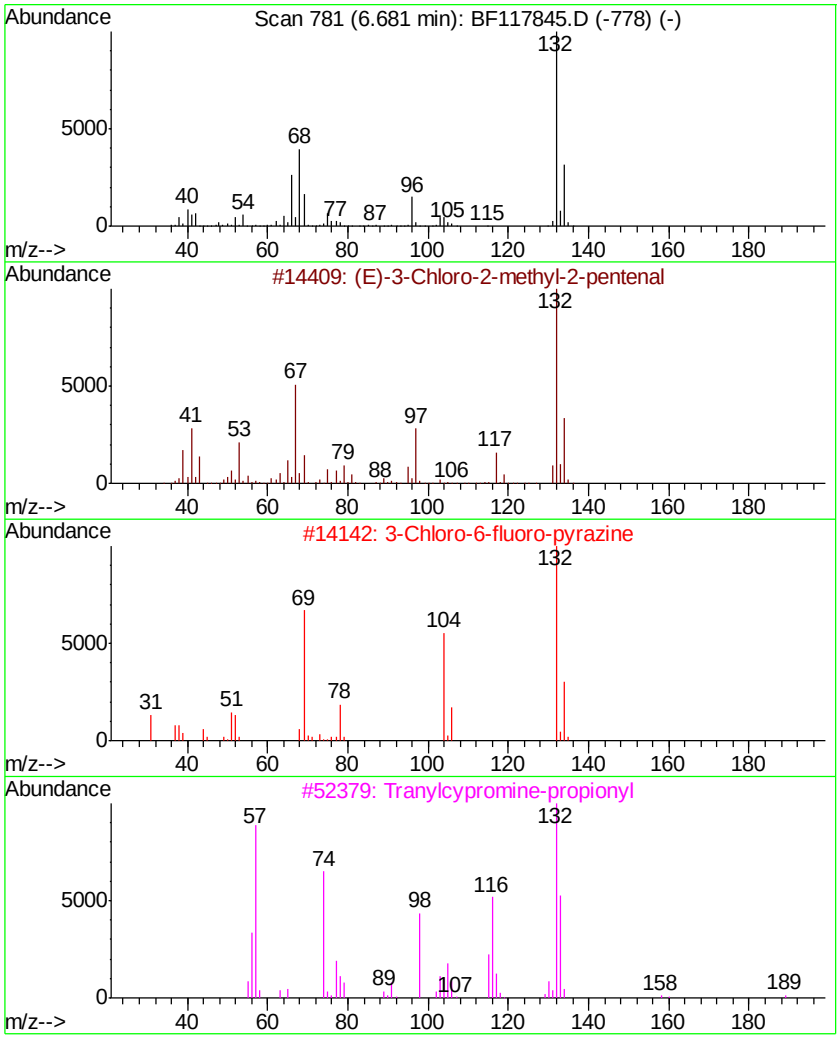
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

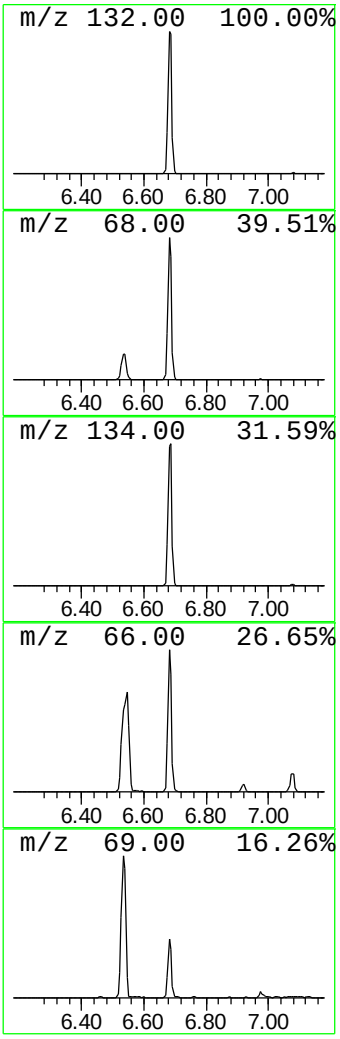
****

Peak Number 4 unknown6.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	14.74 ng	1027240	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(2-4)

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

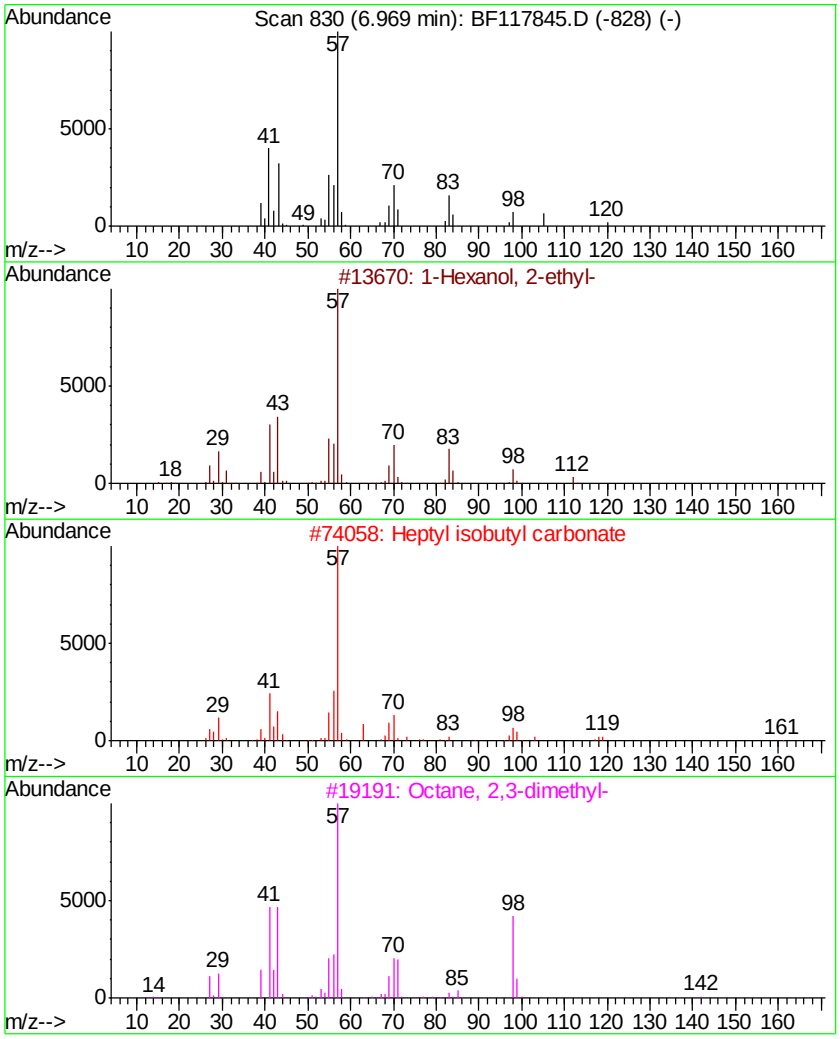
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

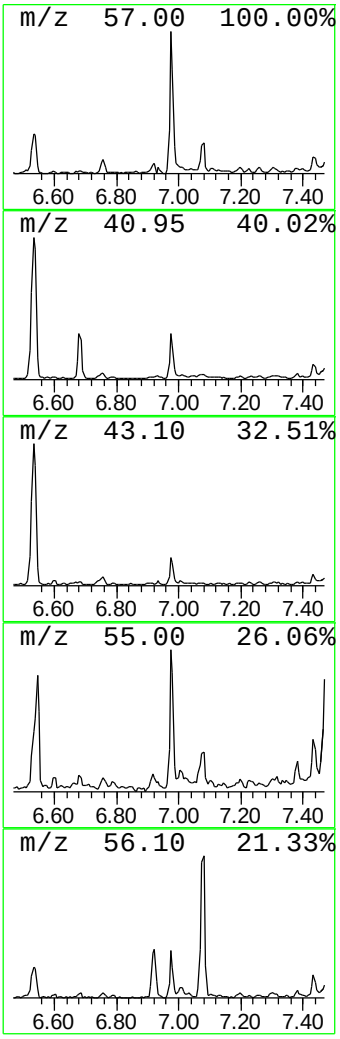
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	2.33 ng	162651	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50





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Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-(2-4)

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

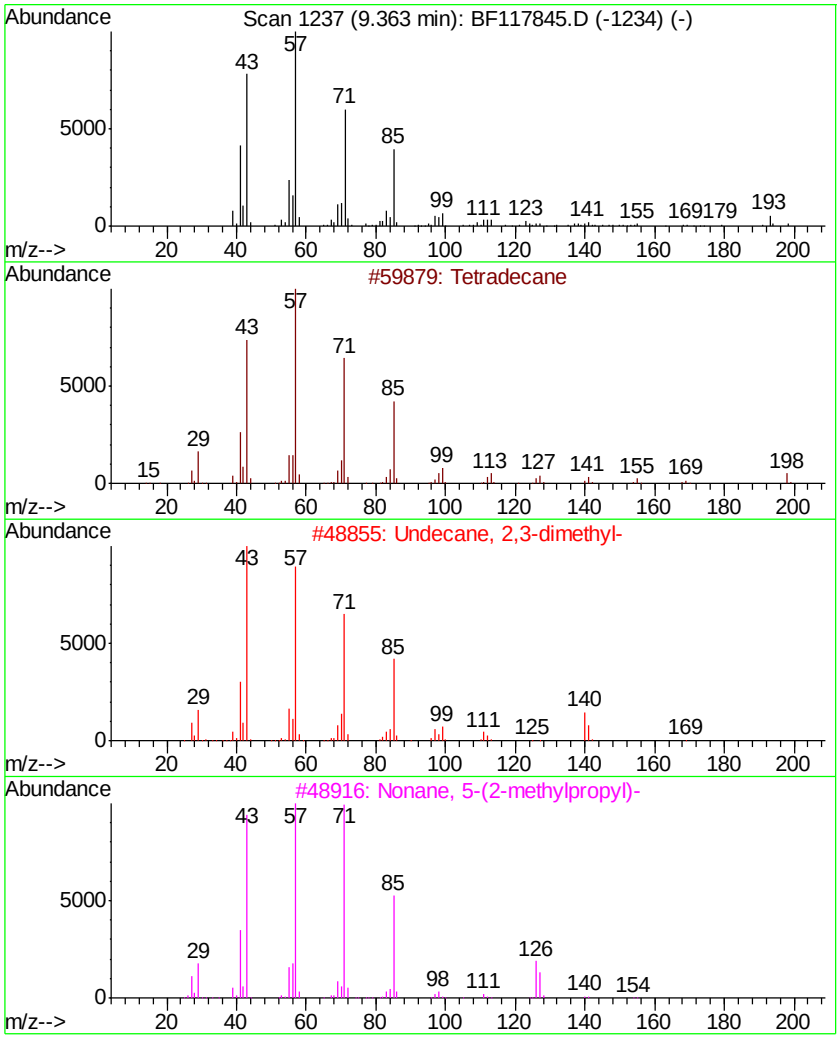
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

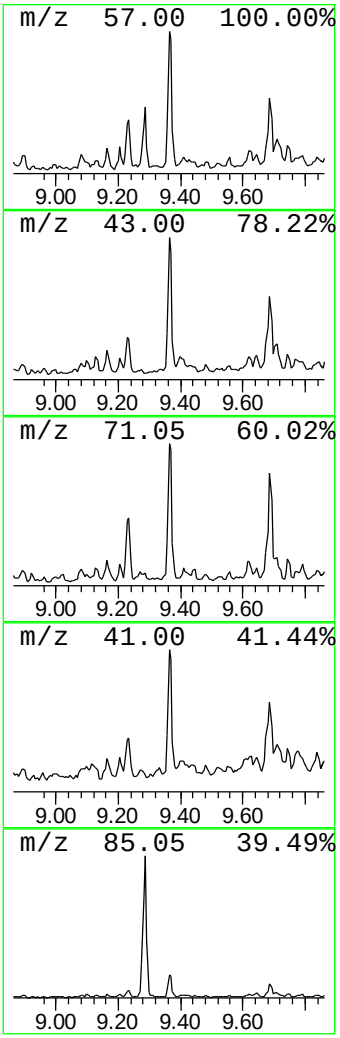
****

Peak Number 6 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.93 ng	338947	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
4	Hexadecane	226	C16H34	000544-76-3	58
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117845.D
Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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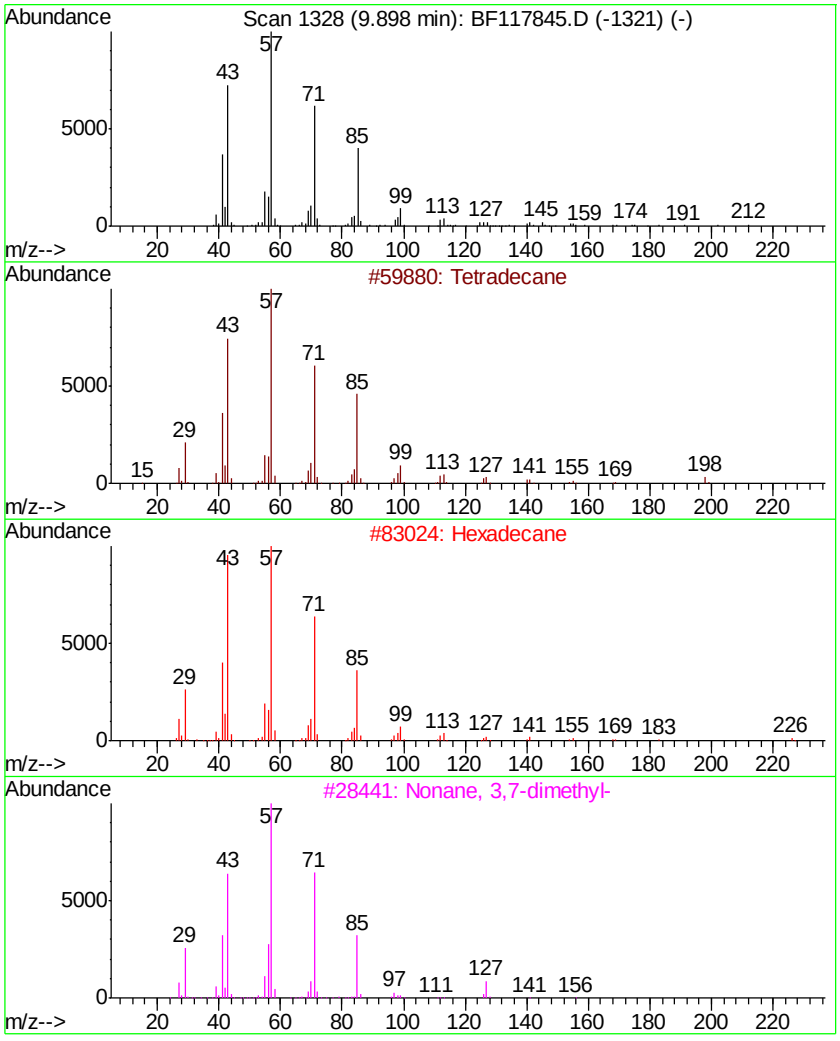
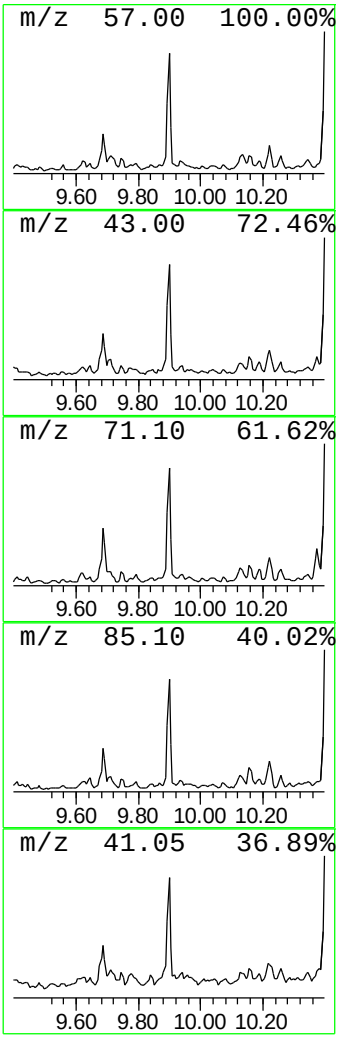
Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	4.04 ng	348429	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Decane, 3-methyl-	156	C11H24	013151-34-3	72
5	Tridecane	184	C13H28	000629-50-5	72





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Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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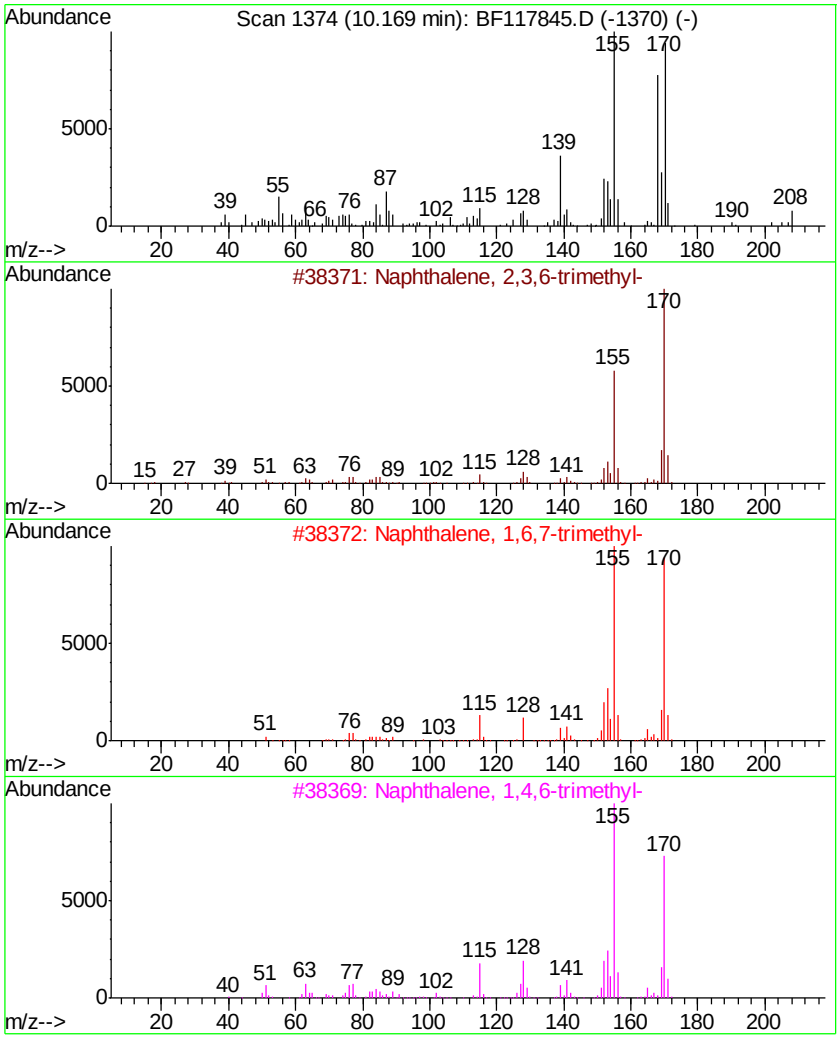
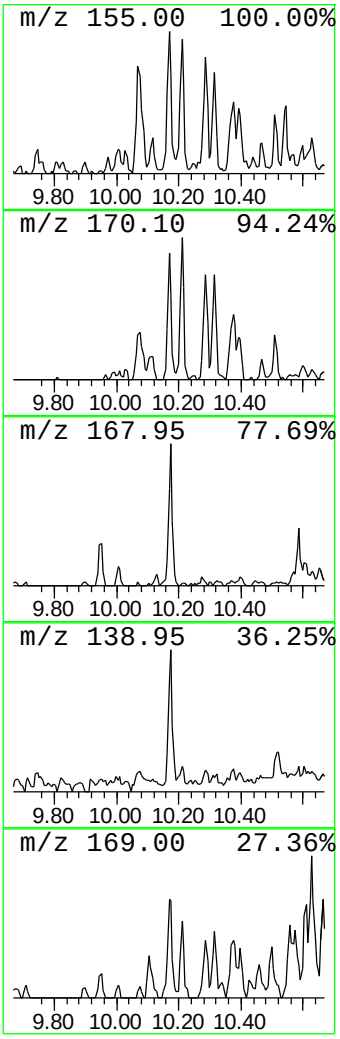
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.07 ng	178277	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	58
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49





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Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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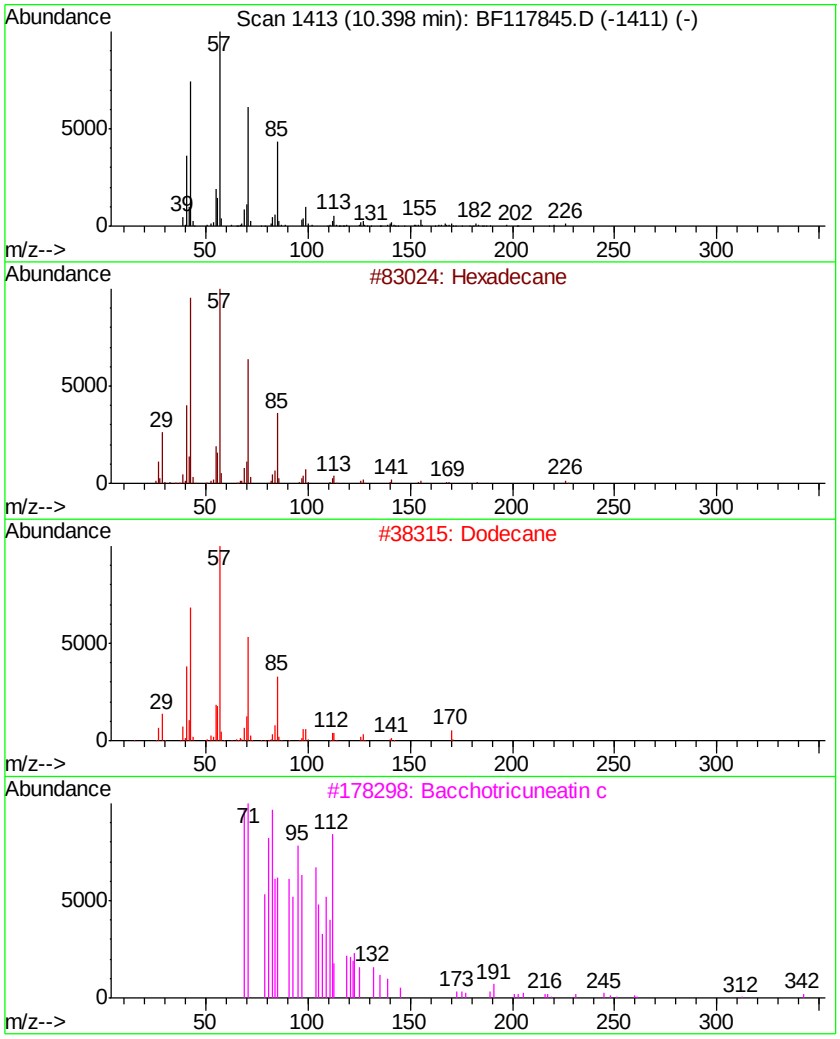
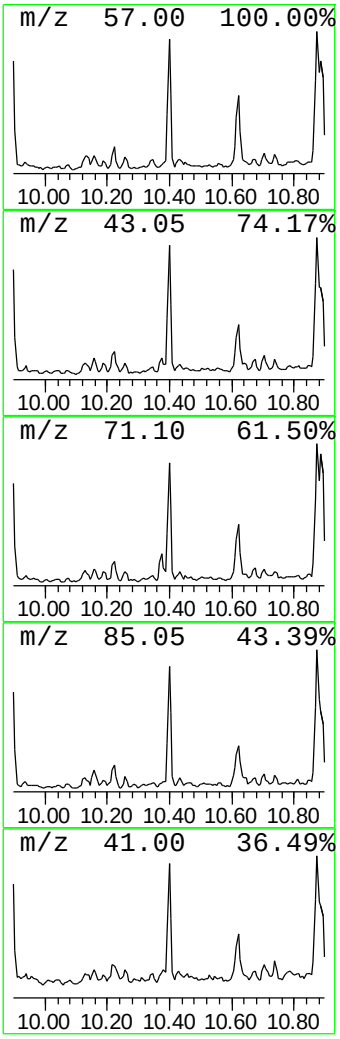
Peak Number 9 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	4.16 ng	358553	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane	170	C12H26	000112-40-3	86
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
4	Decane, 3-methyl-	156	C11H24	013151-34-3	83
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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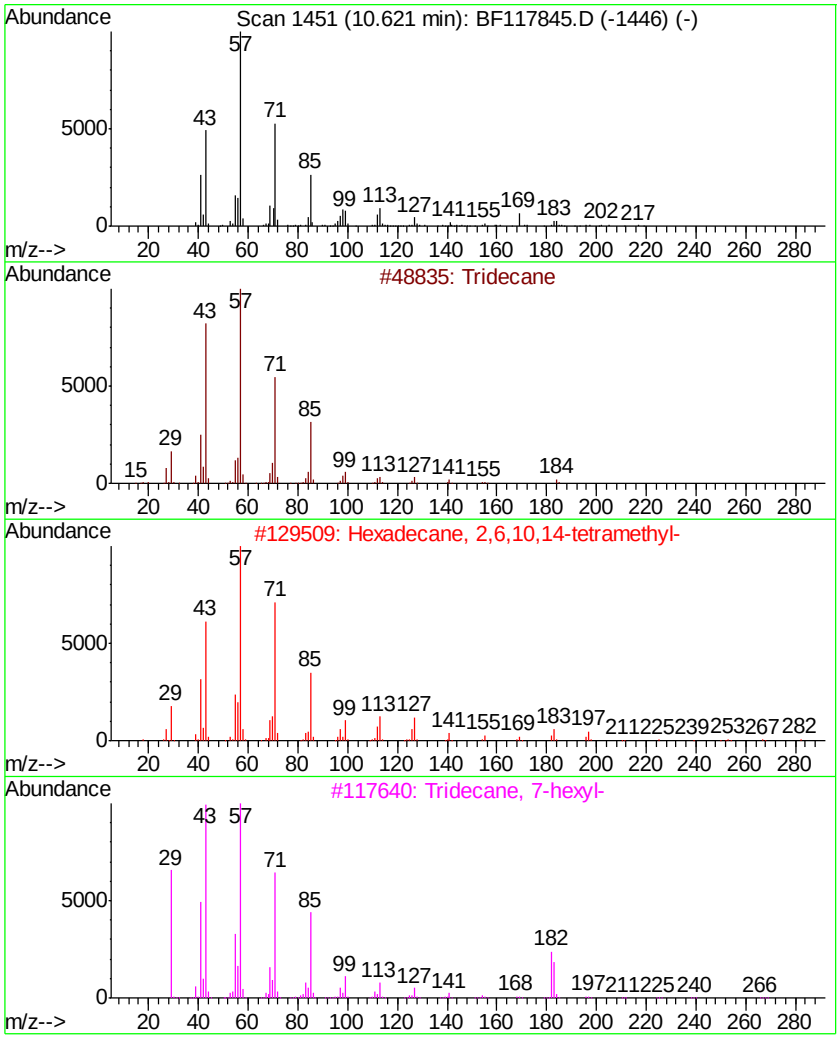
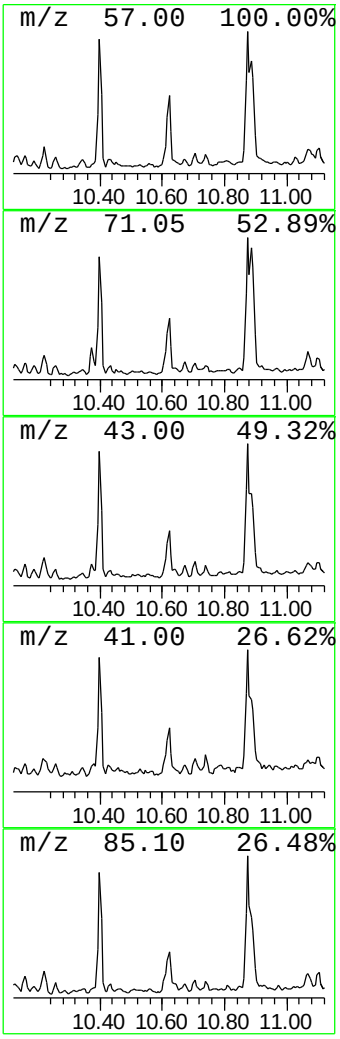
Peak Number 10 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.13 ng	269911	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





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Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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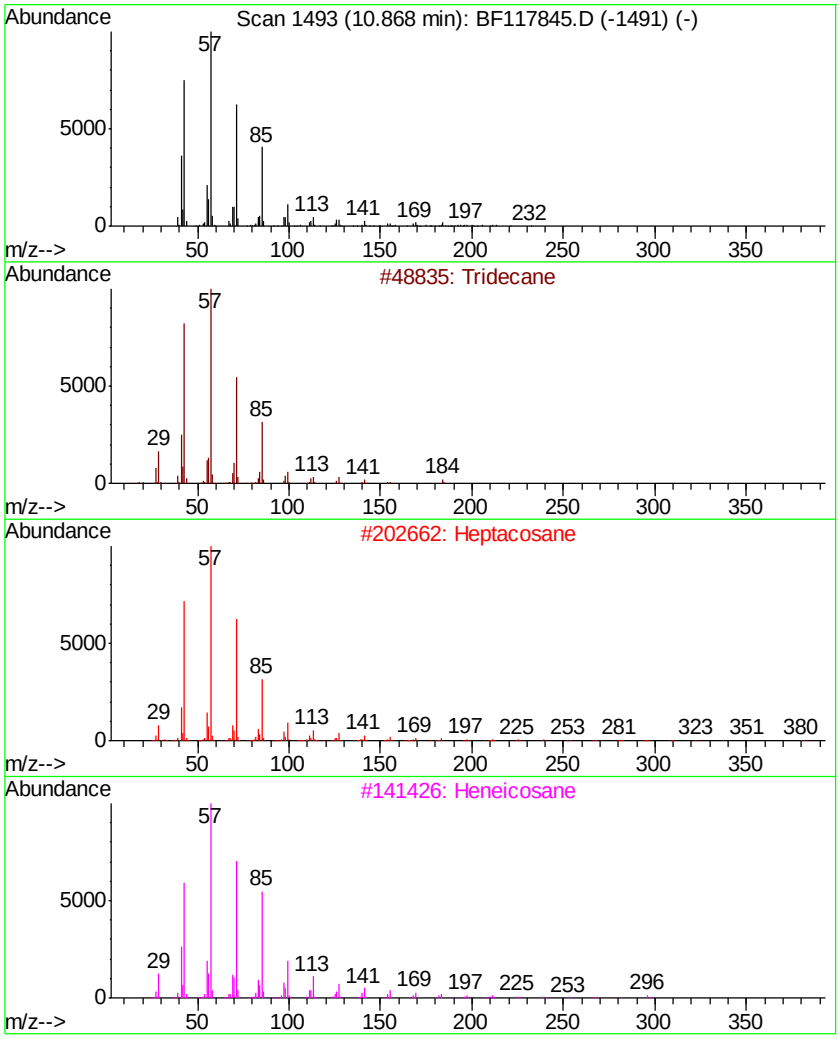
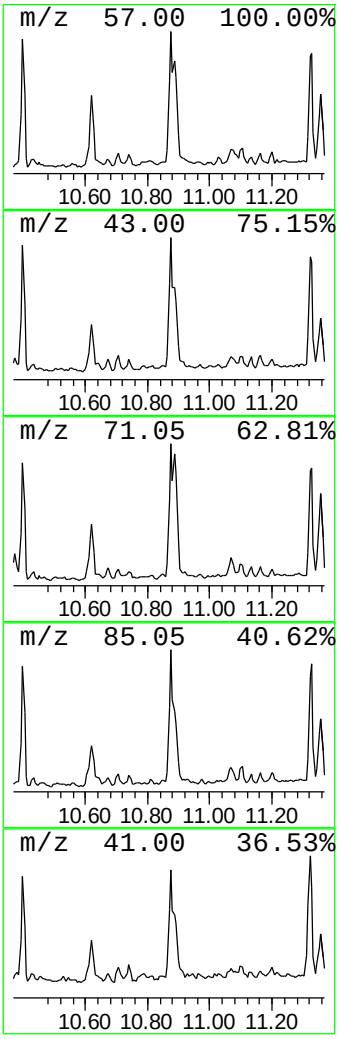
Peak Number 11 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	5.62 ng	431419	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octadecane	254	C18H38	000593-45-3	91





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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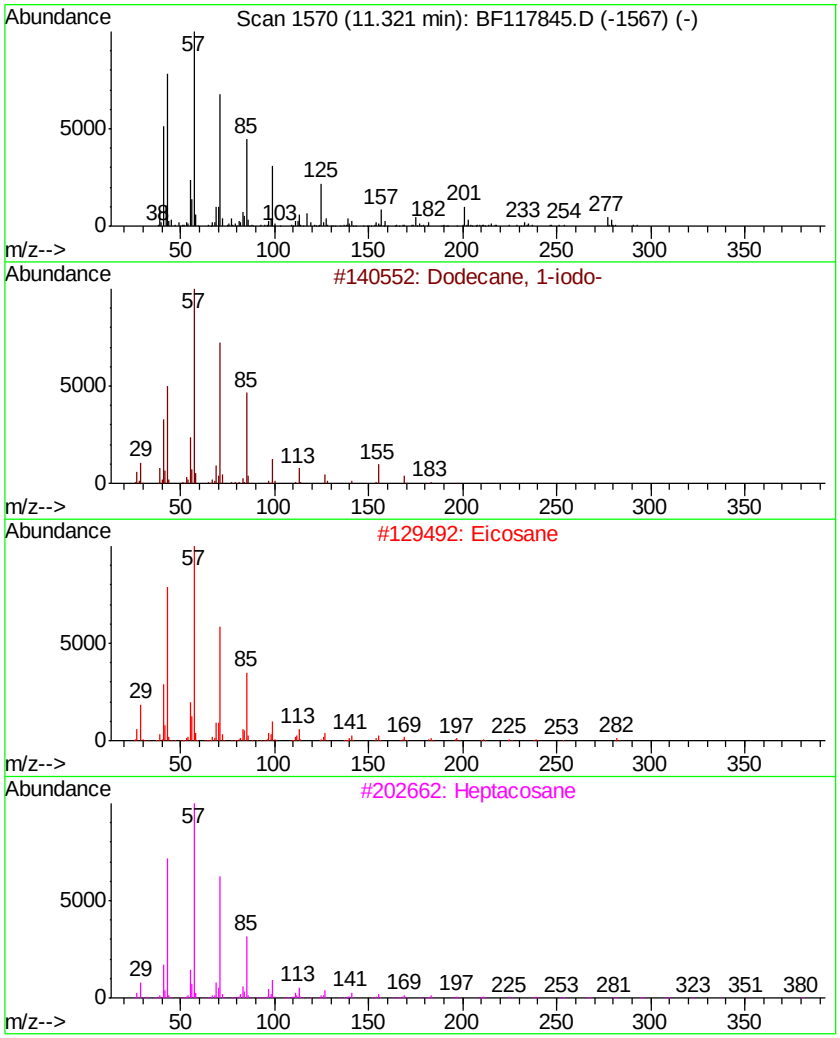
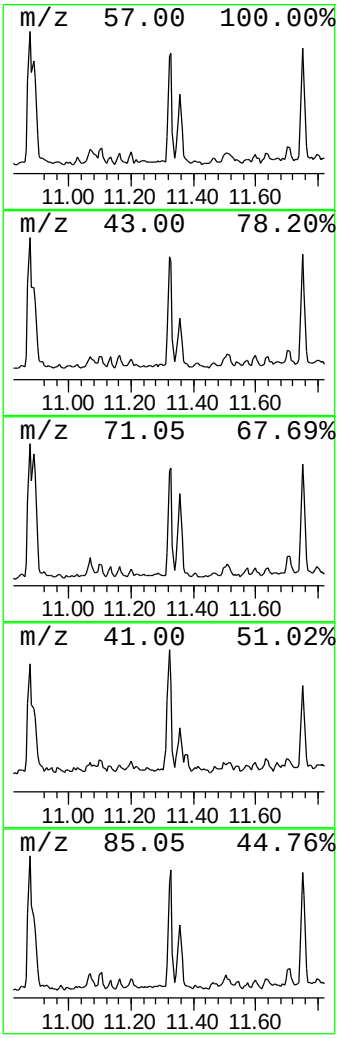
Peak Number 12 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	6.18 ng	473987	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
2	Eicosane	282	C20H42	000112-95-8	52
3	Heptacosane	380	C27H56	000593-49-7	52
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	49
5	Decane, 3-methyl-	156	C11H24	013151-34-3	43





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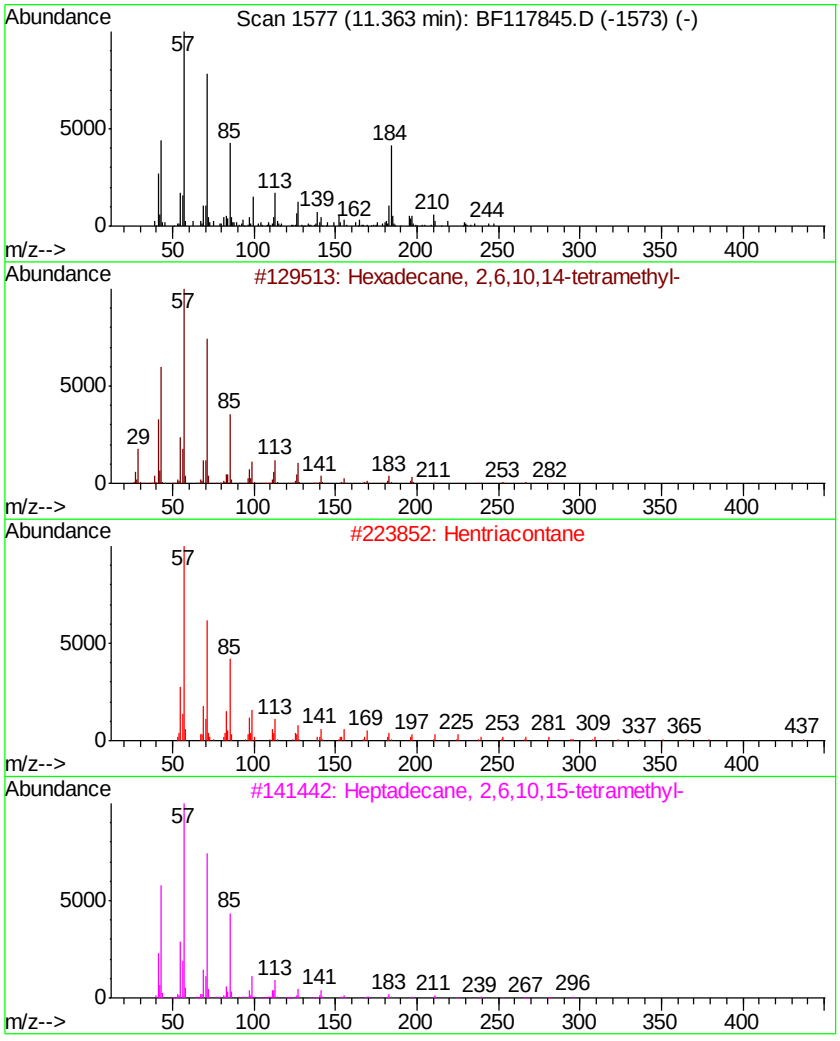
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

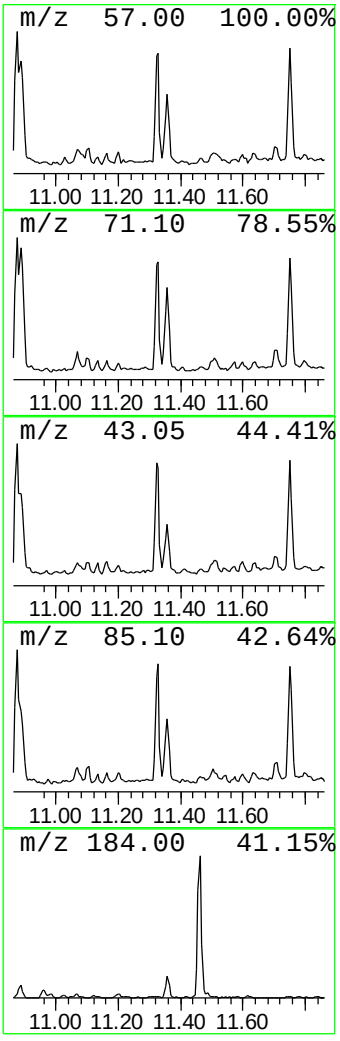
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.82 ng	216465	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2	Hentriacontane	437	C31H64	000630-04-6	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





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Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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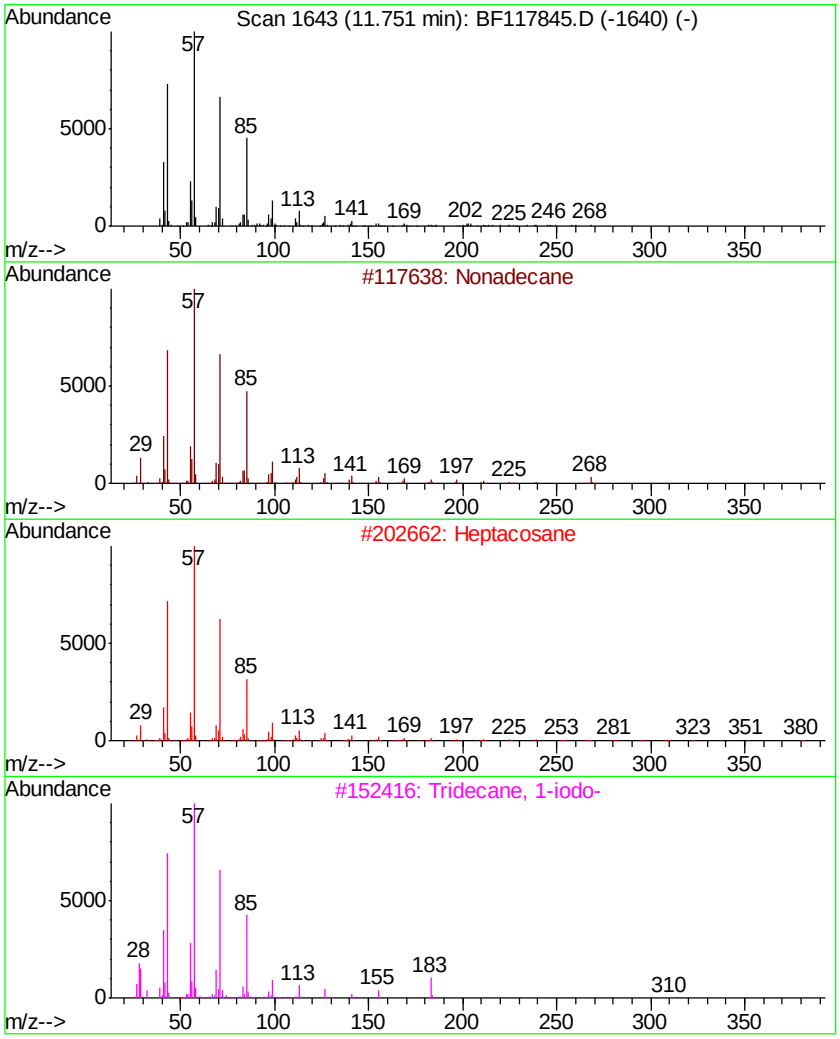
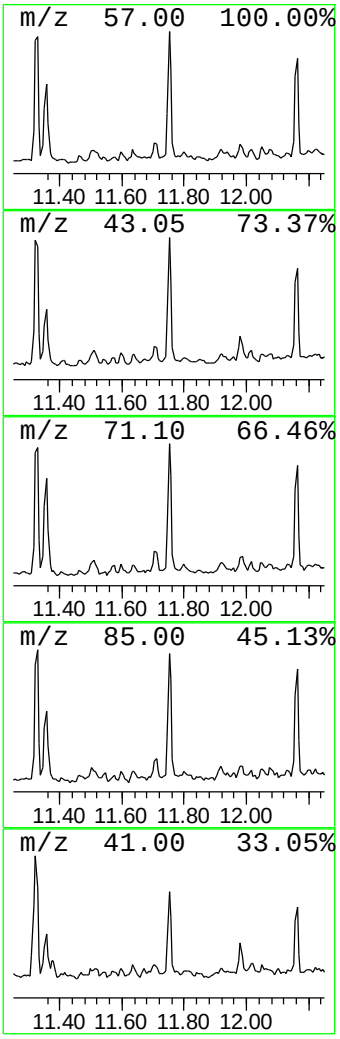
Peak Number 14 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.40 ng	337588	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetracosane	338	C24H50	000646-31-1	87





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ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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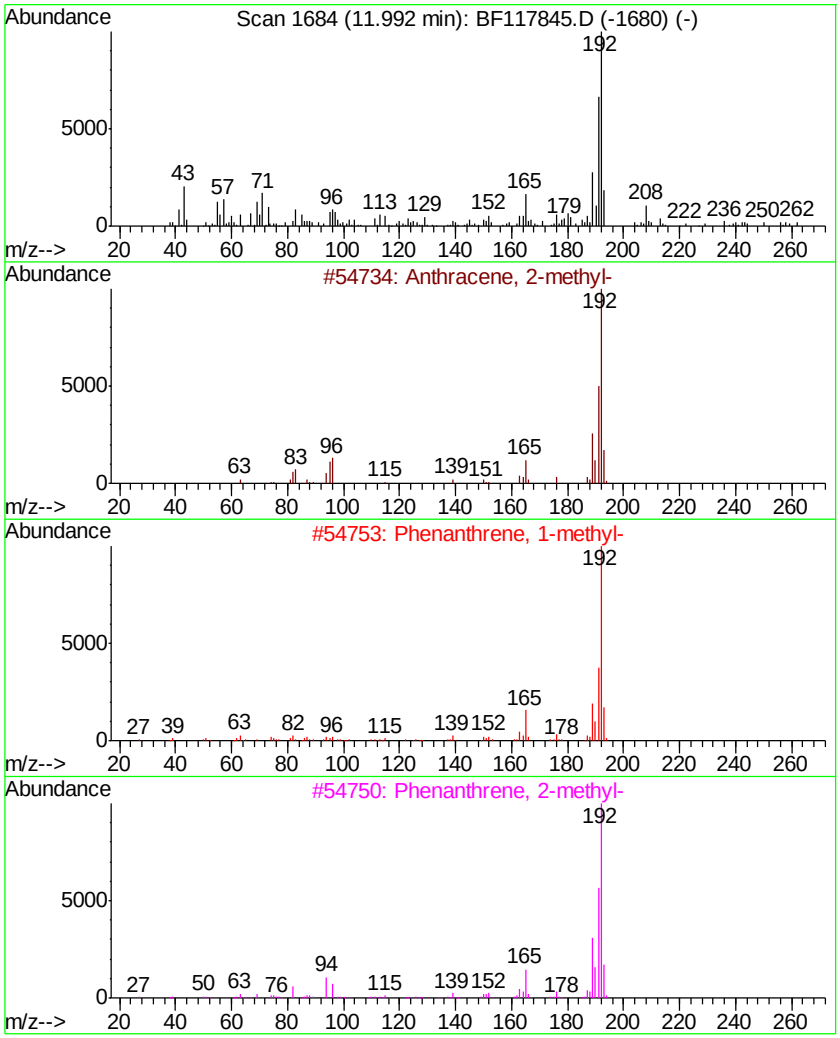
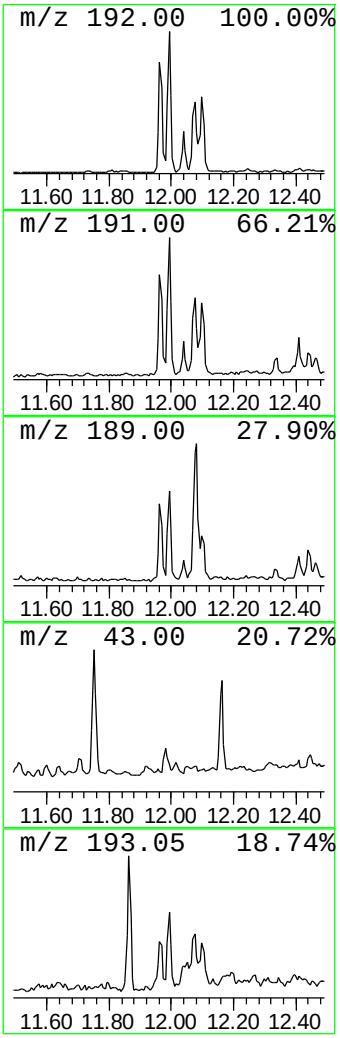
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.24 ng	248301	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





Library Search Compound Report

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Data File : BF117845.D
Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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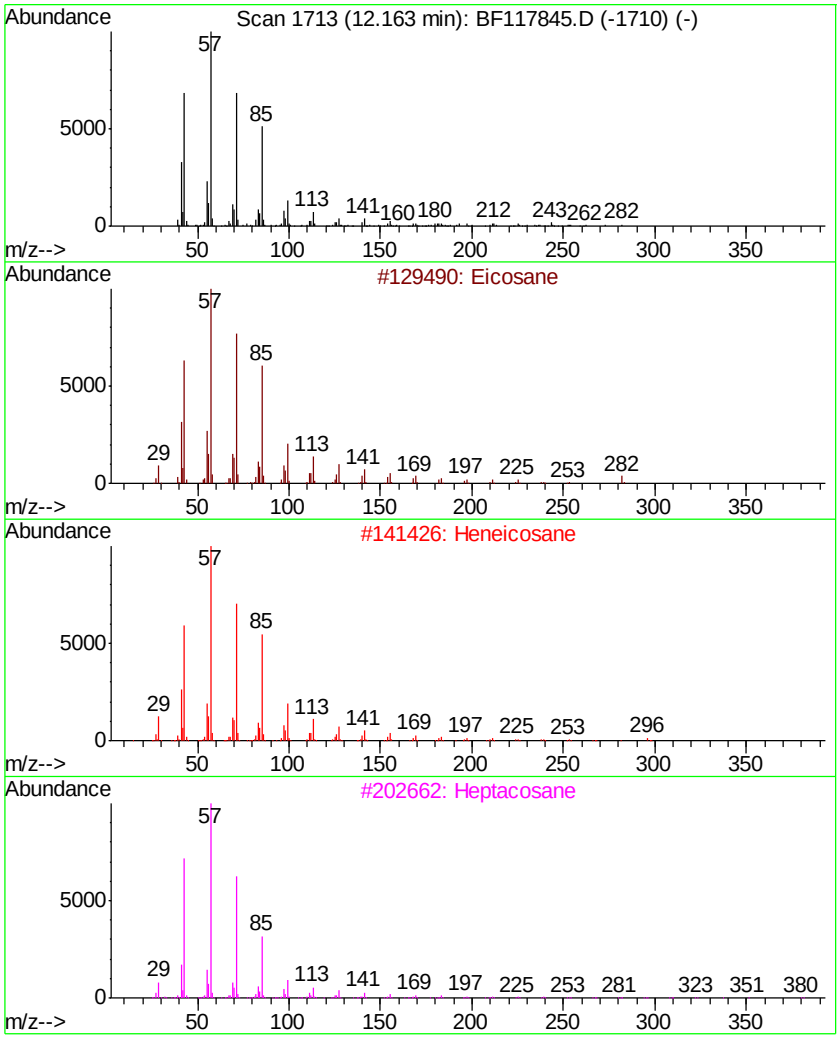
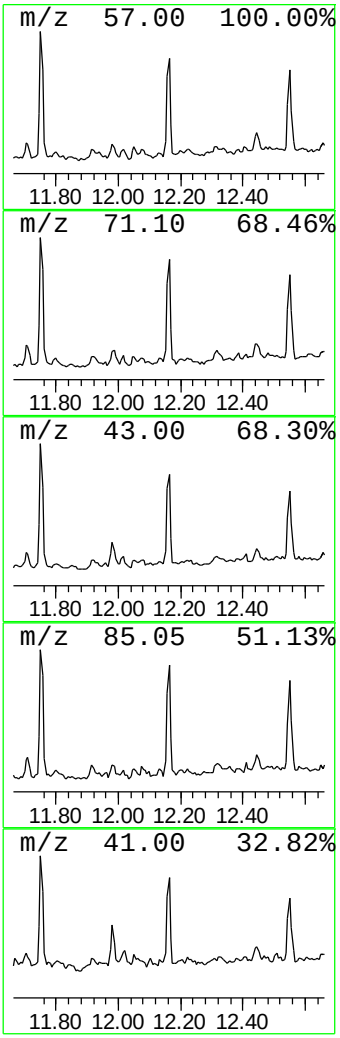
Peak Number 16 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.71 ng	284591	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	81
4	Hexadecane	226	C16H34	000544-76-3	76
5	Tetradecane	198	C14H30	000629-59-4	64





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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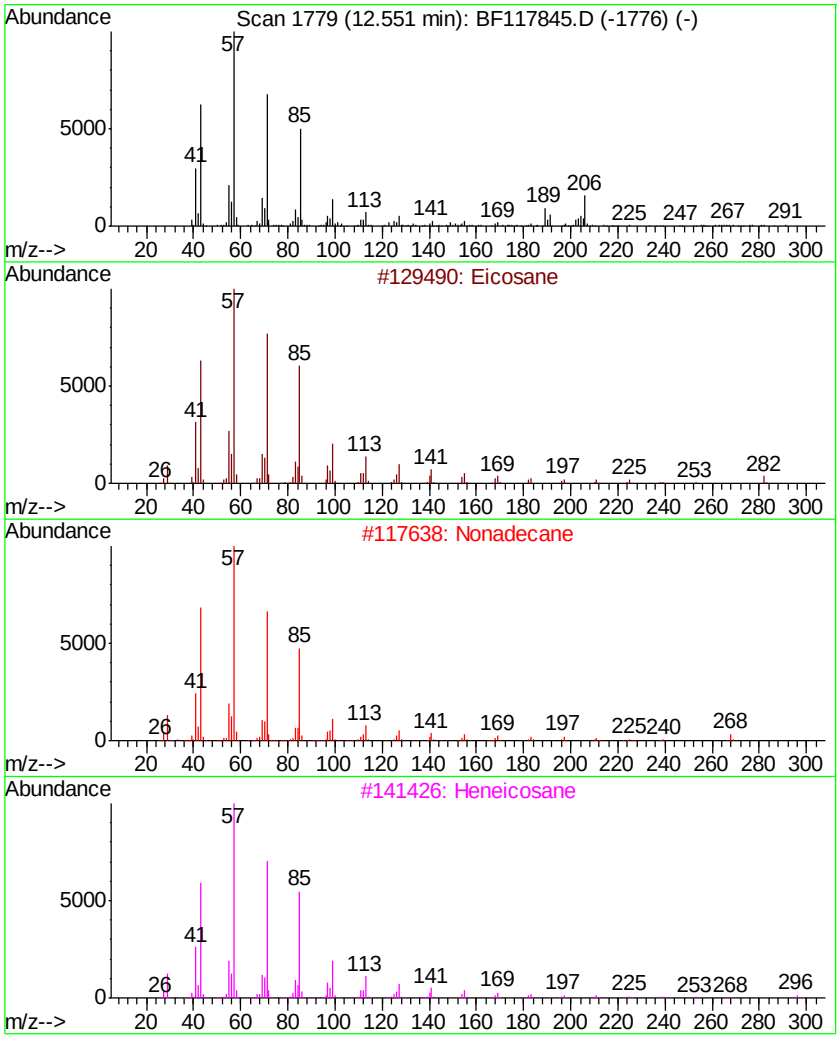
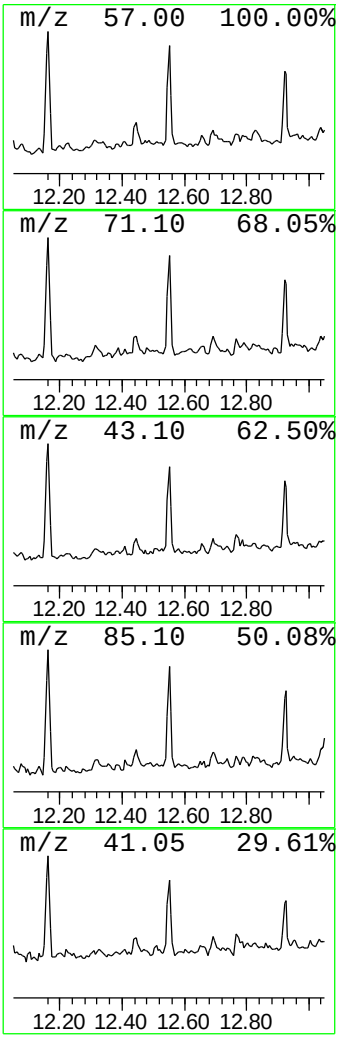
Peak Number 17 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.66 ng	280800	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Nonadecane	268	C19H40	000629-92-5	62
3	Heneicosane	296	C21H44	000629-94-7	62
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
5	Hexadecane	226	C16H34	000544-76-3	58





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Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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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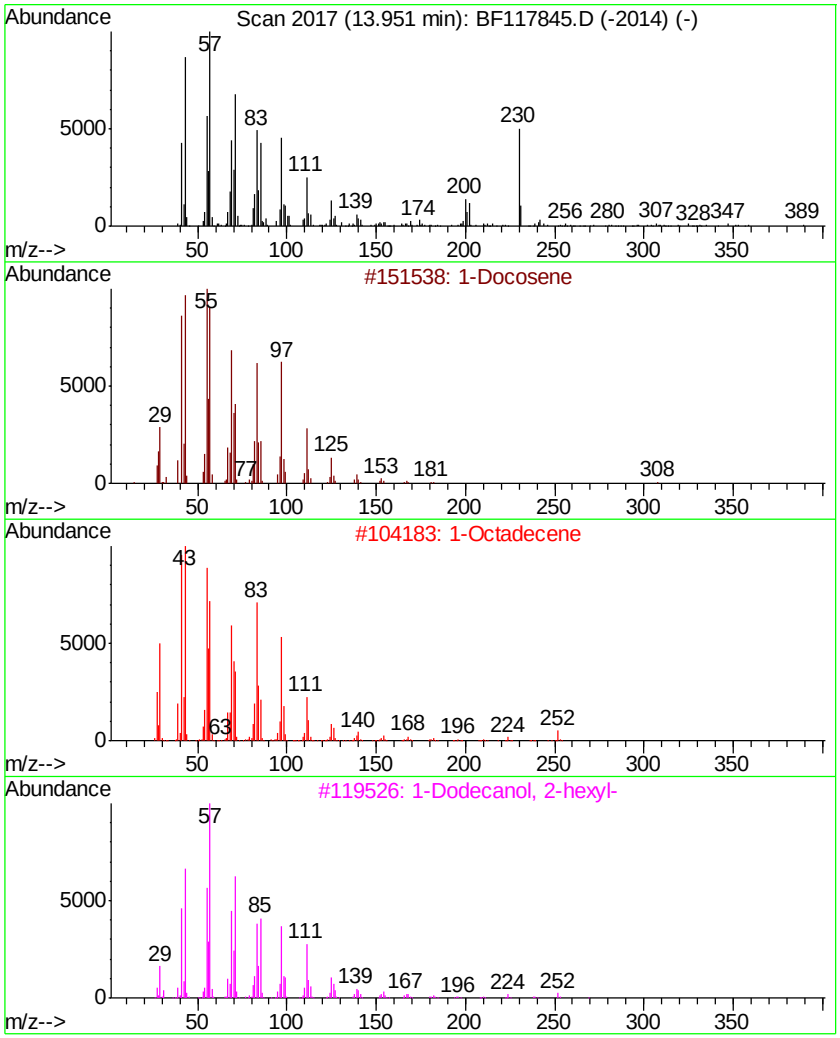
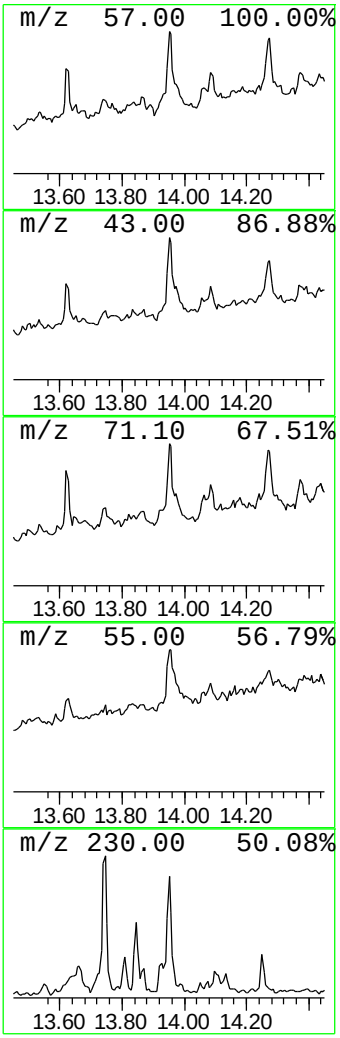
Peak Number 18 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.93 ng	550716	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Octadecene	252	C18H36	000112-88-9	86
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111819\
Data File : BF117845.D
Acq On : 18 Nov 2019 19:48
Operator : JU
Sample : K5865-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-(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...	2.21	18.9	ng	1314950	1	6.92	1394240	20.0
3-Penten-2-one, 4...	4.53	28.0	ng	1954680	1	6.92	1394240	20.0
2-Pentanone, 4-hy...	5.15	61.0	ng	4250640	1	6.92	1394240	20.0
unknown6.68	6.68	14.7	ng	1027240	1	6.92	1394240	20.0
1-Hexanol, 2-ethyl-	6.97	2.3	ng	162651	1	6.92	1394240	20.0
Tetradecane	9.36	3.9	ng	338947	3	9.97	1722970	20.0
Hexadecane	9.90	4.0	ng	348429	3	9.97	1722970	20.0
Naphthalene, 2,3,...	10.17	2.1	ng	178277	3	9.97	1722970	20.0
Dodecane	10.40	4.2	ng	358553	3	9.97	1722970	20.0
Tridecane	10.62	3.1	ng	269911	3	9.97	1722970	20.0
Heptacosane	10.87	5.6	ng	431419	4	11.46	1534580	20.0
Dodecane, 1-iodo-	11.32	6.2	ng	473987	4	11.46	1534580	20.0
Hexadecane, 2,6,1...	11.36	2.8	ng	216465	4	11.46	1534580	20.0
Tridecane, 1-iodo-	11.75	4.4	ng	337588	4	11.46	1534580	20.0
Anthracene, 2-met...	11.99	3.2	ng	248301	4	11.46	1534580	20.0
Eicosane	12.16	3.7	ng	284591	4	11.46	1534580	20.0
2-Bromo dodecane	12.55	3.7	ng	280800	4	11.46	1534580	20.0
1-Docosene	13.95	5.9	ng	550716	5	14.11	1858890	20.0