LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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	4.150	194	198	204	rVB3	41039	90168	1.07%	0.080%
2	4.779	251	253	256	rBV	97794	150639	1.79%	0.133%
3	4.836	256	258	265	rBV	110495	282528	3.35%	0.250%
4	5.007	270	273	275	rVV	132477	192425	2.28%	0.170%
5	5.293	296	298	305	rBV	1275431	2364175	28.06%	2.090%
6	5.396	305	307	310	rVB2	166723	211488	2.51%	0.187%
7	5.441	310	311	313	rVB	185046	181118	2.15%	0.160%
8	5.487	313	315	319	rVB2	136903	238816	2.83%	0.211%
9	5.567	319	322	326	rVB2	105443	202370	2.40%	0.179%
10	5.659	326	330	333	rBV3	263933	471527	5.60%	0.417%
11	5.716	333	335	337	rBV	158131	258761	3.07%	0.229%
12	5.807	340	343	346	rBV	491514	661026	7.84%	0.584%
13	5.864	346	348	350	rBV2	178542	319702	3.79%	0.283%
14	5.910	350	352	355	rVB	938750	1235420	14.66%	1.092%
15	5.967	355	357	358	rBV	680586	677978	8.05%	0.599%
16	6.002	358	360	366	rVB3	231469	777761	9.23%	0.687%
17	6.104	366	369	371	rBV2	438187	686452	8.15%	0.607%
18	6.196	375	377	379	rBV	904912	1230544	14.60%	1.088%
19	6.230	379	380	382	rVB	220658	197244	2.34%	0.174%
20	6.287	382	385	387	rBV2	259721	599175	7.11%	0.530%
21	6.322	387	388	391	rVB2	394105	663014	7.87%	0.586%
22	6.379	391	393	394	rBV2	854414	1429376	16.96%	1.263%
23	6.413	394	396	399	rBV3	394541	674441	8.00%	0.596%
24	6.470	399	401	404	rVB	3104511	3744647	44.44%	3.310%
25	6.527	404	406	408	rVB2	371017	611985	7.26%	0.541%
26	6.584	408	411	412	rBV3	123313	214941	2.55%	0.190%
27	6.642	412	416	418	rBV4	630858	1773235	21.04%	1.567%
28	6.699	418	421	423	rVB2	1618477	3081982	36.58%	2.724%
29	6.744	423	425	427	rBV2	671083	993849	11.79%	0.879%
30	6.779	427	428	429	rBV	270217	303158	3.60%	0.268%
31	6.813	429	431	432	rBV	389330	438250	5.20%	0.387%
32	6.847	432	434	437	rVB2	3259696	4760516	56.50%	4.208%
33	6.927	437	441	442	rBV2	554256	1106471	13.13%	0.978%
34	6.950	442	443	447	rVB2	967548	1446328	17.16%	1.278%

LSC Area Percent Report

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Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.042	448	451	453	rBV3	635934	1087948	12.91%	0.962%
36	7.076	453	454	455	rBV	947274	849045	10.08%	0.751%
37	7.110	455	457	461	rVB3	495614	1017160	12.07%	0.899%
38	7.167	461	462	463	rBV	254663	272154	3.23%	0.241%
39	7.236	463	468	469	rBV3	1680584	3263063	38.73%	2.884%
40	7.282	469	472	474	rVB2	2280949	3759413	44.62%	3.323%
41	7.339	474	477	479	rVB2	1264285	2323818	27.58%	2.054%
42	7.407	479	483	485	rBV2	1107196	2709332	32.15%	2.395%
43	7.487	485	490	493	rVB5	1657649	4097705	48.63%	3.622%
44	7.533	493	494	497	rBV3	471112	925946	10.99%	0.818%
45	7.613	497	501	504	rBV4	1446120	3561547	42.27%	3.148%
46	7.750	509	513	515	rVB3	658763	1449400	17.20%	1.281%
47	7.807	515	518	520	rBV2	1287169	1799012	21.35%	1.590%
48	7.865	520	523	526	rBV4	1150061	2757350	32.72%	2.437%
49	7.922	526	528	529	rBV	628040	895223	10.62%	0.791%
50	7.990	530	534	537	rBV3	1074137	2828072	33.56%	2.500%
51	8.059	537	540	541	rVB2	2913456	3595162	42.67%	3.178%
52	8.150	546	548	549	rBV	972581	1167005	13.85%	1.032%
53	8.185	549	551	553	rBV2	1359105	2374290	28.18%	2.099%
54	8.276	556	559	561	rBV3	1067306	1656976	19.66%	1.465%
55	8.322	561	563	564	rBV2	593921	705846	8.38%	0.624%
56	8.425	569	572	576	rBV	3492271	8426172	100.00%	7.448%
57	8.528	579	581	582	rVB2	921656	852488	10.12%	0.754%
58	8.973	618	620	621	rBV2	672583	907765	10.77%	0.802%
59	9.019	621	624	626	rVV2	2679116	3744386	44.44%	3.310%
60	9.076	626	629	632	rVB	2184565	3098624	36.77%	2.739%
61	9.145	632	635	638	rBV4	875418	2397868	28.46%	2.120%
62	9.476	662	664	667	rVB	1603857	2613053	31.01%	2.310%
63	10.299	734	736	738	rVB2	849738	1230565	14.60%	1.088%
64	10.391	742	744	745	rBV	738555	952907	11.31%	0.842%
65	10.551	756	758	760	rVB2	1087971	1347655	15.99%	1.191%
66	10.653	765	767	773	rVB2	1639281	2931245	34.79%	2.591%
67	10.745	773	775	777	rBV2	723859	916271	10.87%	0.810%
68	11.122	806	808	810	rVB	919230	1158854	13.75%	1.024%
69	11.236	816	818	820	rBV	1007697	1190416	14.13%	1.052%
70	12.551	931	933	943	rVB	367174	754416	8.95%	0.667%
71	12.814	953	956	958	rVB	2268259	3035674	36.03%	2.683%

LSC Area Percent Report

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Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.705	1032	1034	1043	rVB	155127	328248	3.90%	0.290%
73	13.865	1046	1048	1052	rVB	893057	958665	11.38%	0.847%
74	15.260	1167	1170	1180	rVB	615107	917717	10.89%	0.811%

Sum of corrected areas: 113129966

Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
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Operator : SJ/MA
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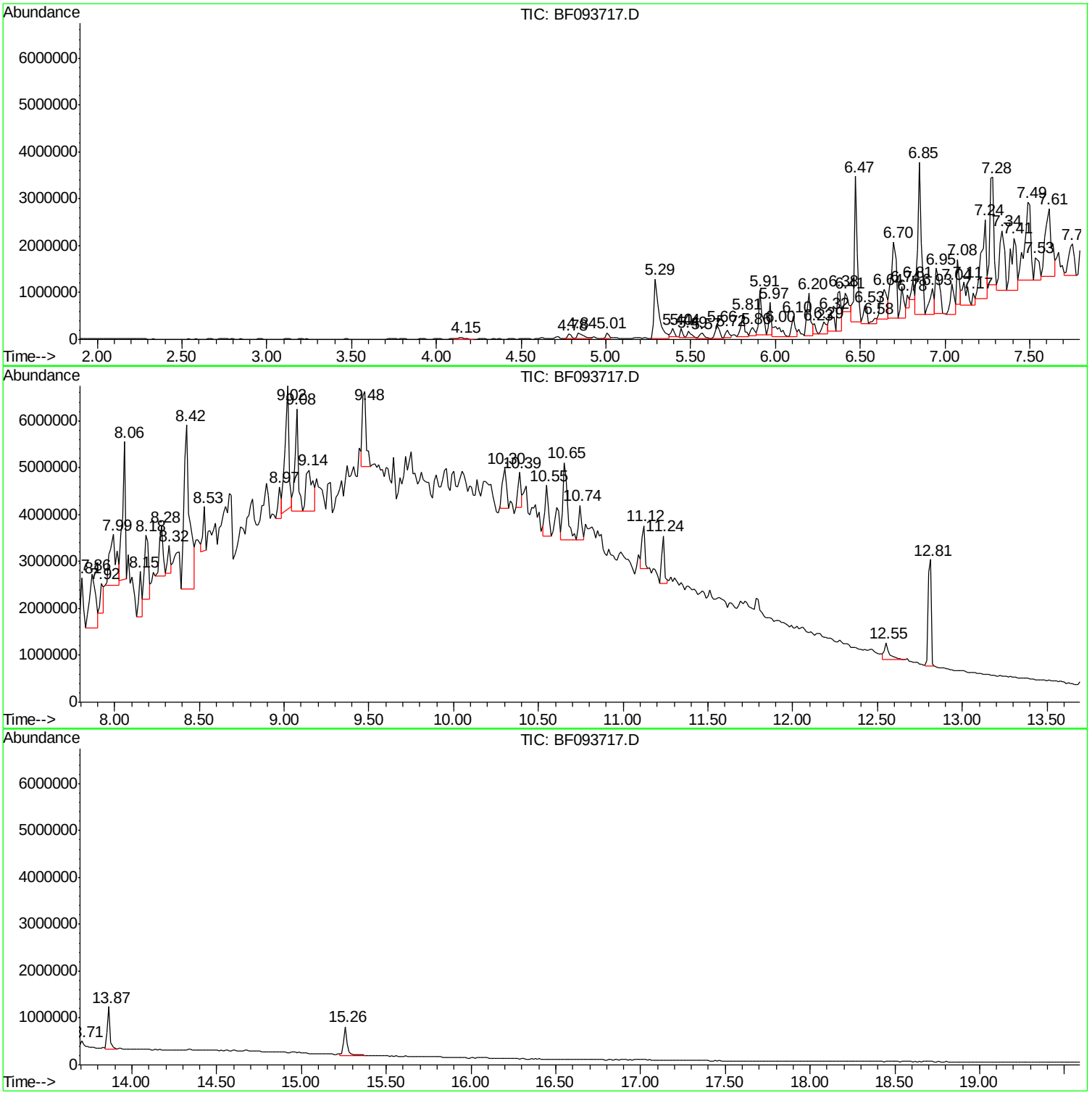
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

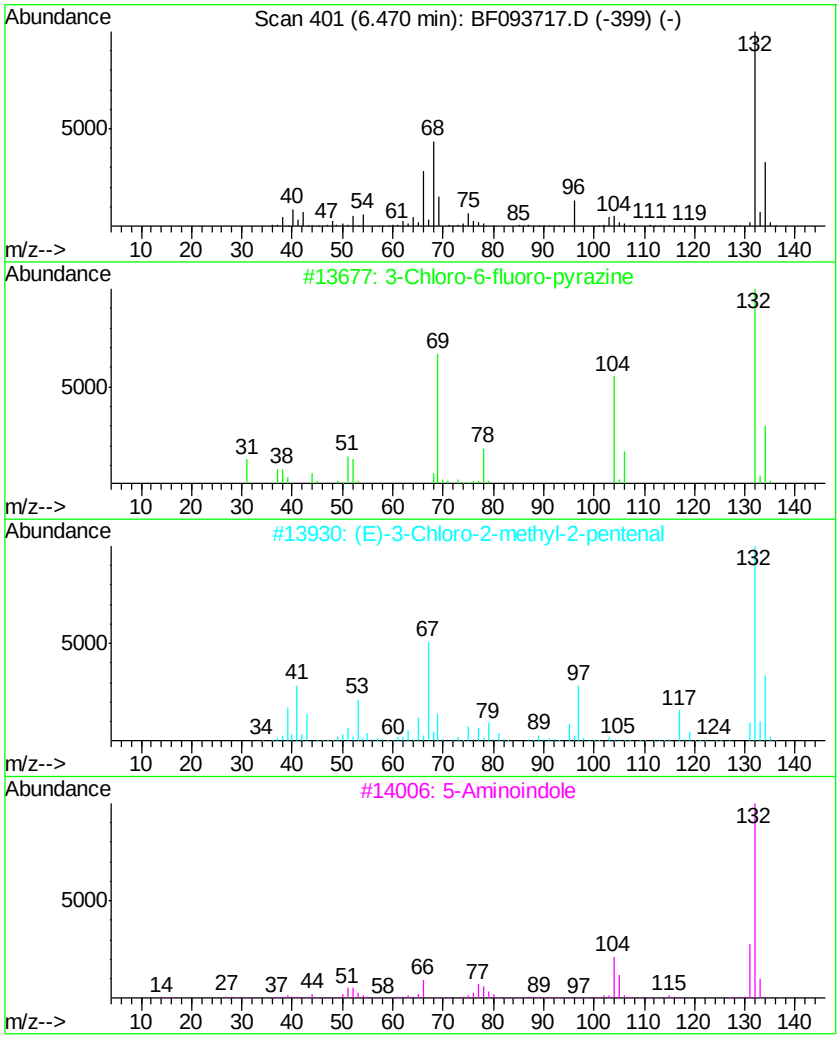
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

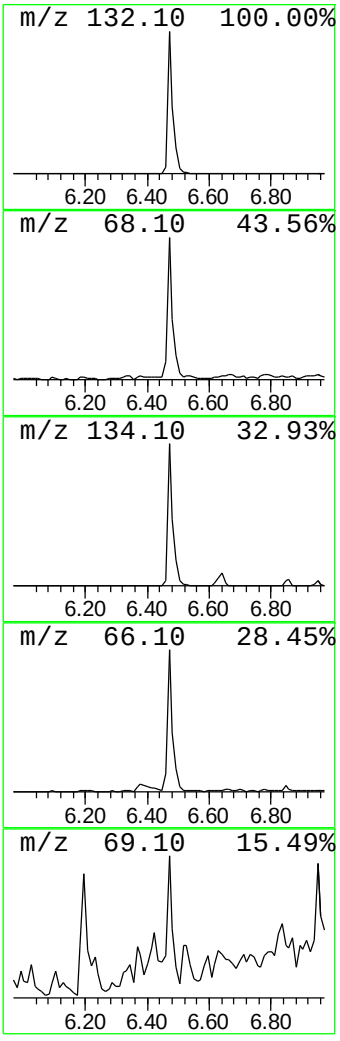
****

Peak Number 1 unknown6.47 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	24.30 ng	3744650	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

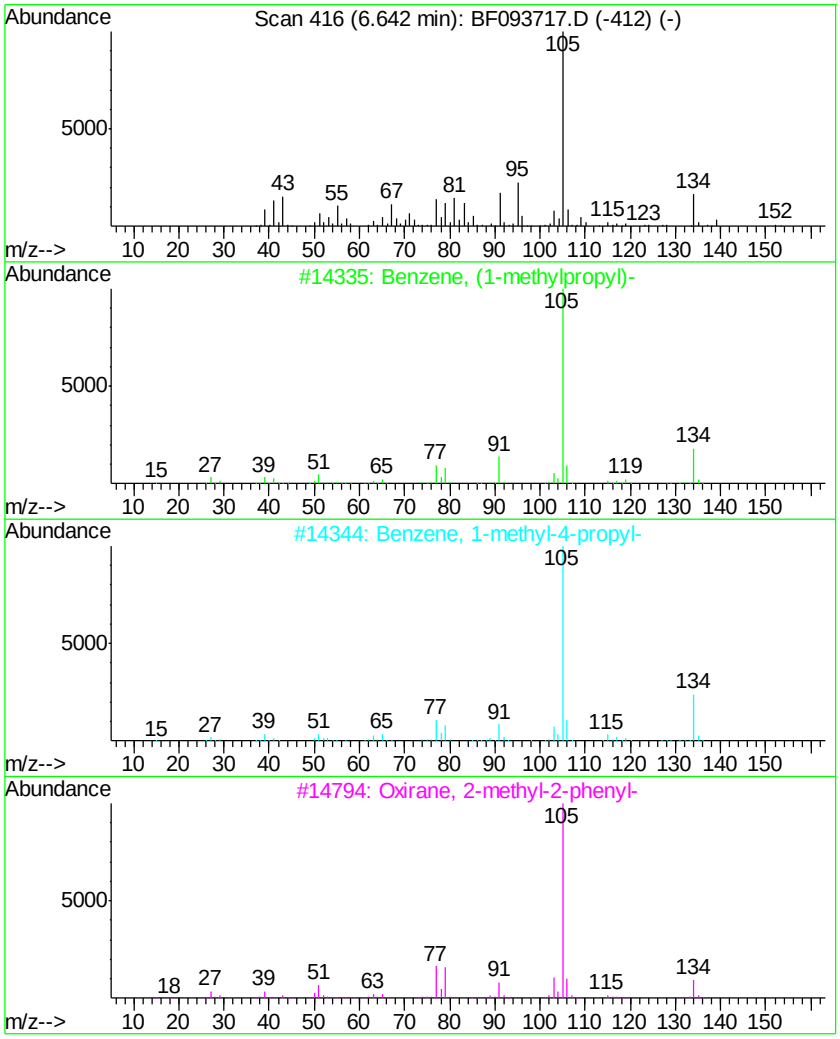
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

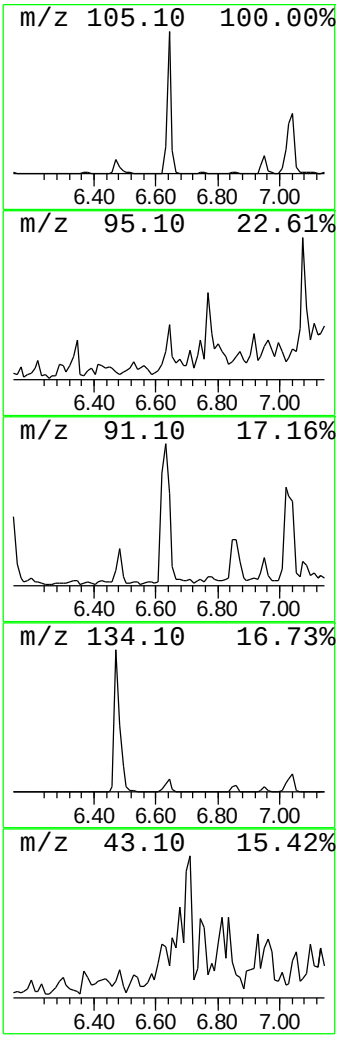
****

Peak Number 2 Benzene, (1-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	11.51 ng	1773240	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	55
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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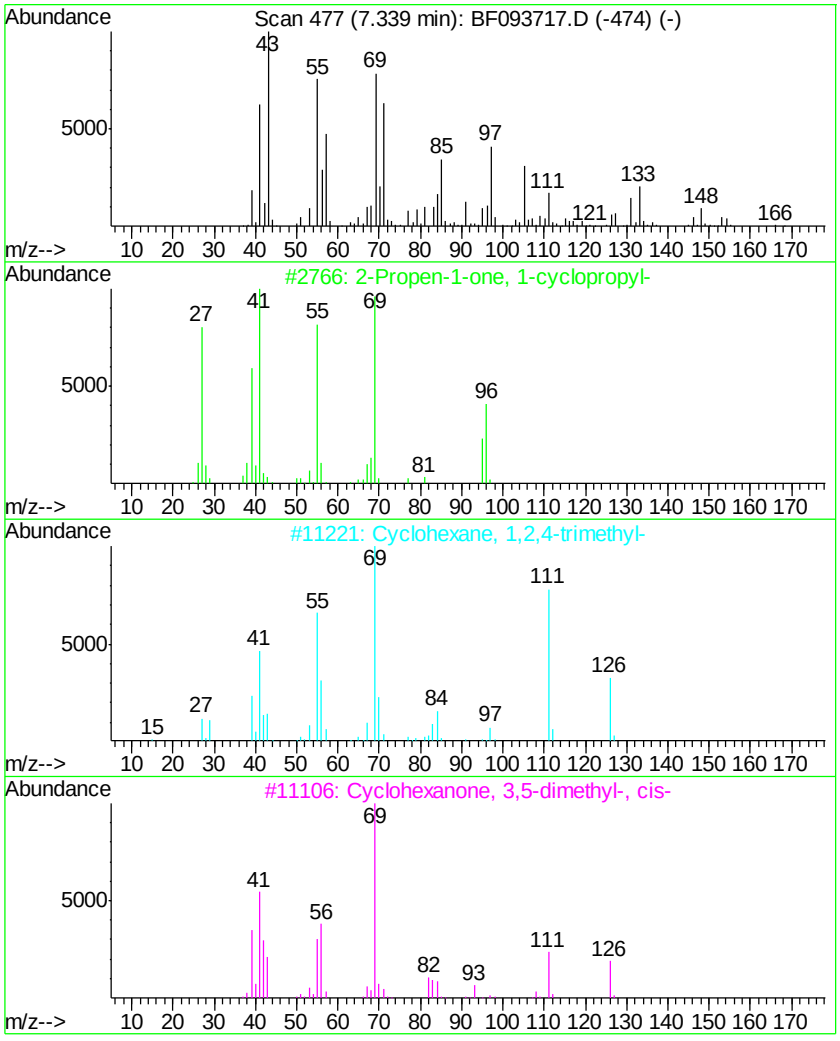
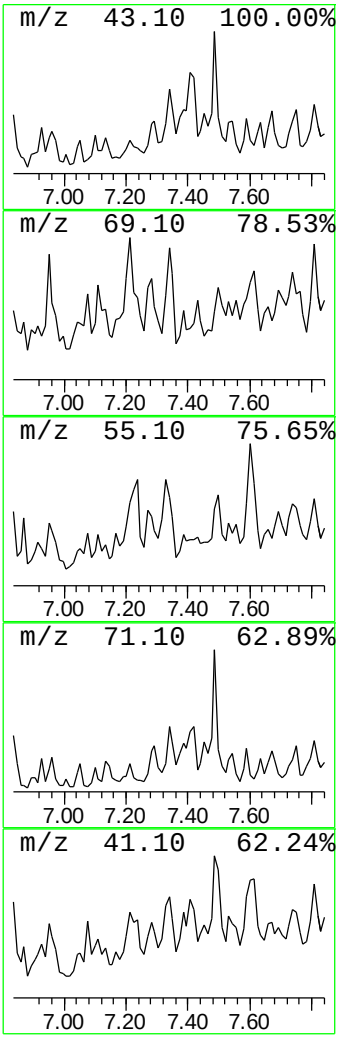
Peak Number 4 unknown7.34 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	15.08 ng	2323820	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	25
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	22
3	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	22
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	22
5	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	22





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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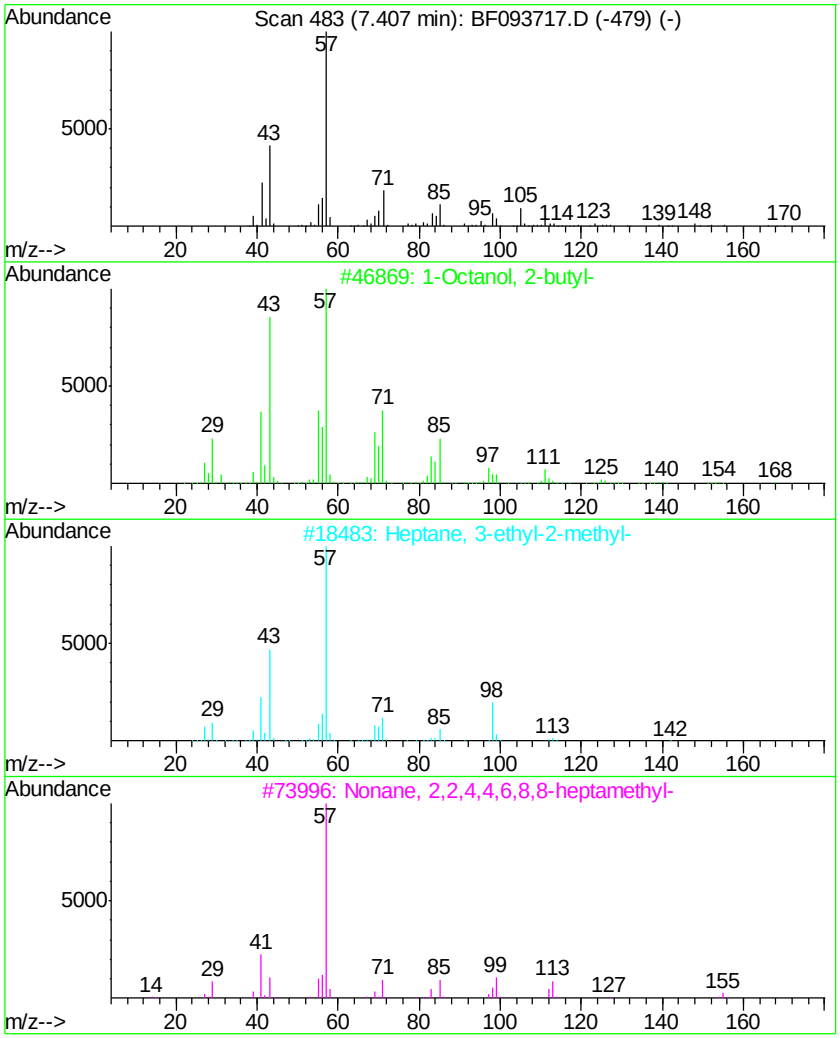
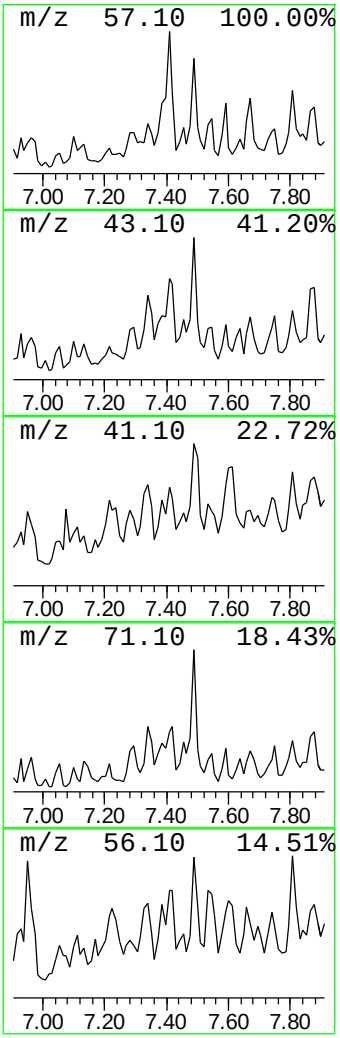
Peak Number 5 1-Octanol, 2-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	19.16 ng	2709330	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	50
4	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	47
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	47





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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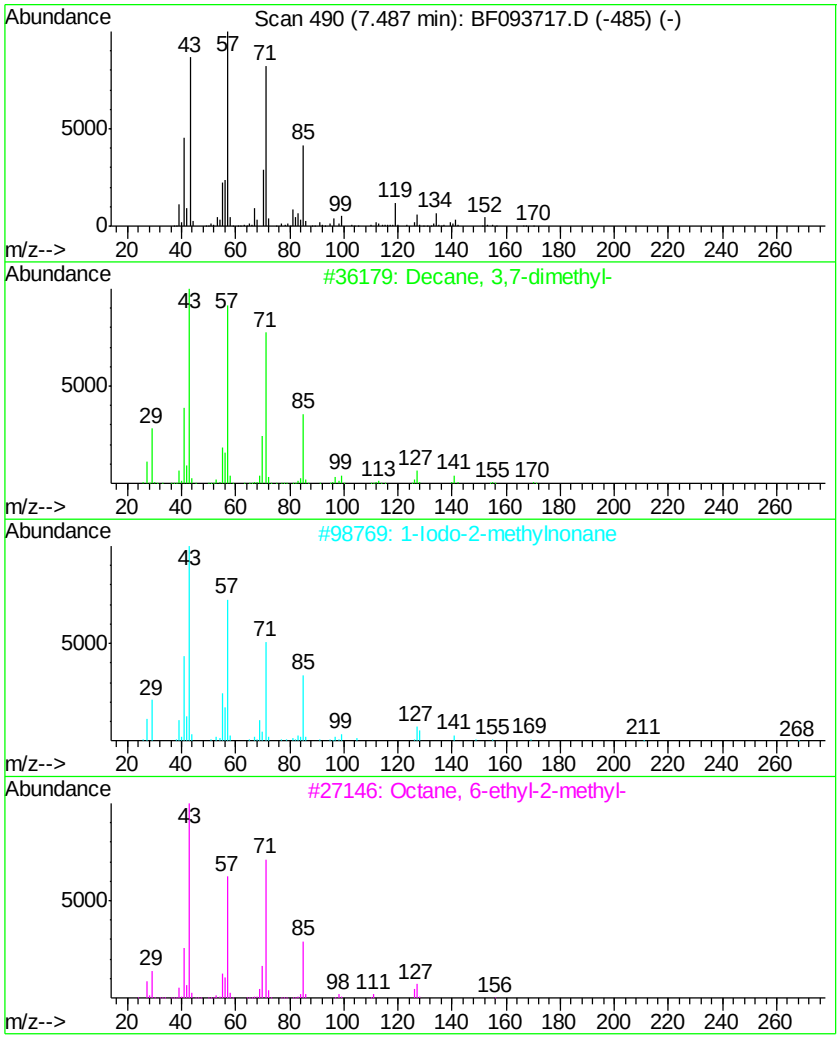
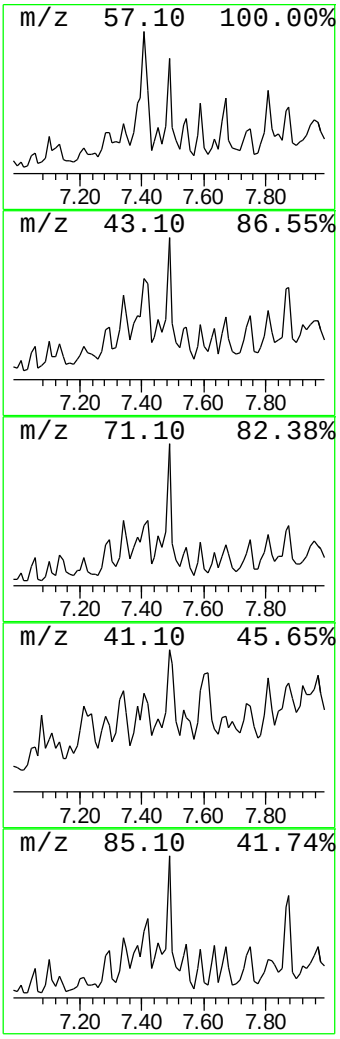
Peak Number 6 Decane, 3,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	28.98 ng	4097710	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	70
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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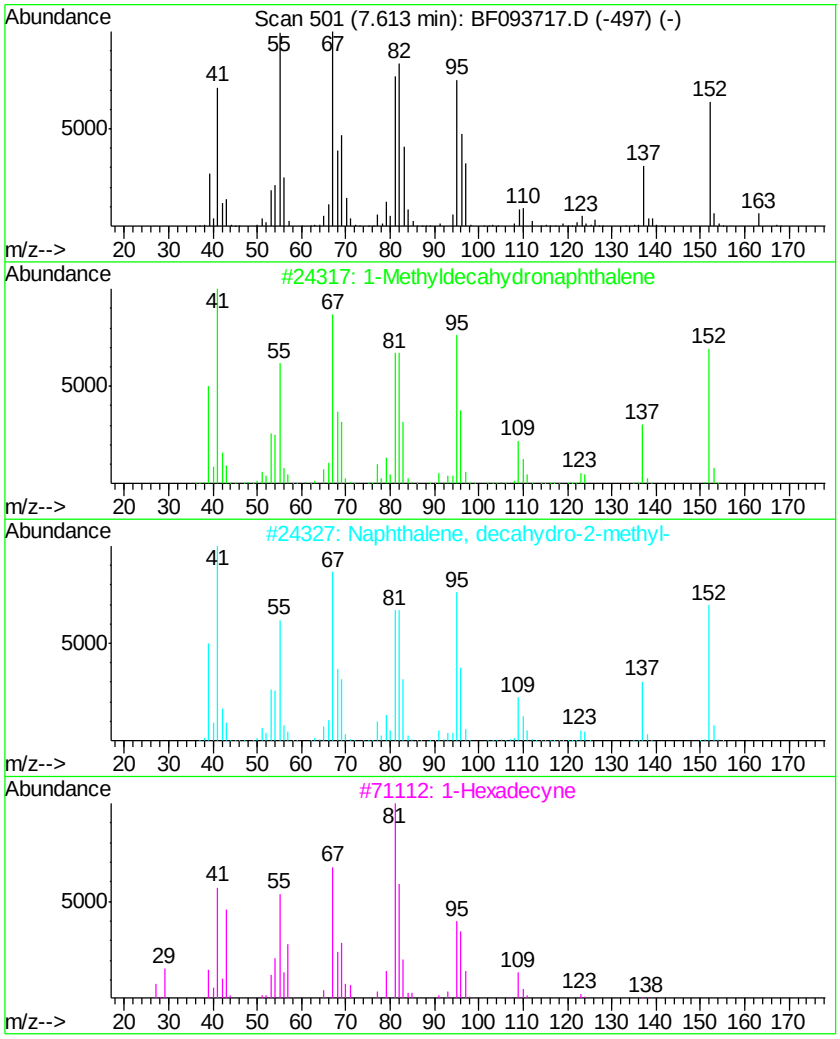
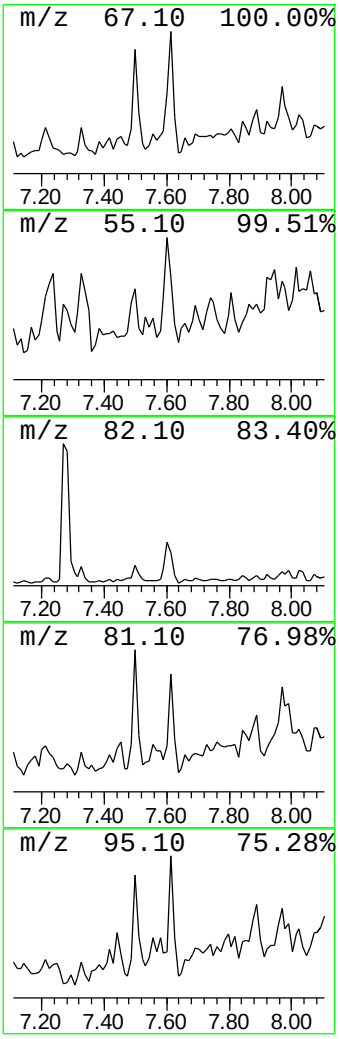
Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	25.19 ng	3561550	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	81
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
3	1-Hexadecyne	222	C16H30	000629-74-3	58
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
5	Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	53





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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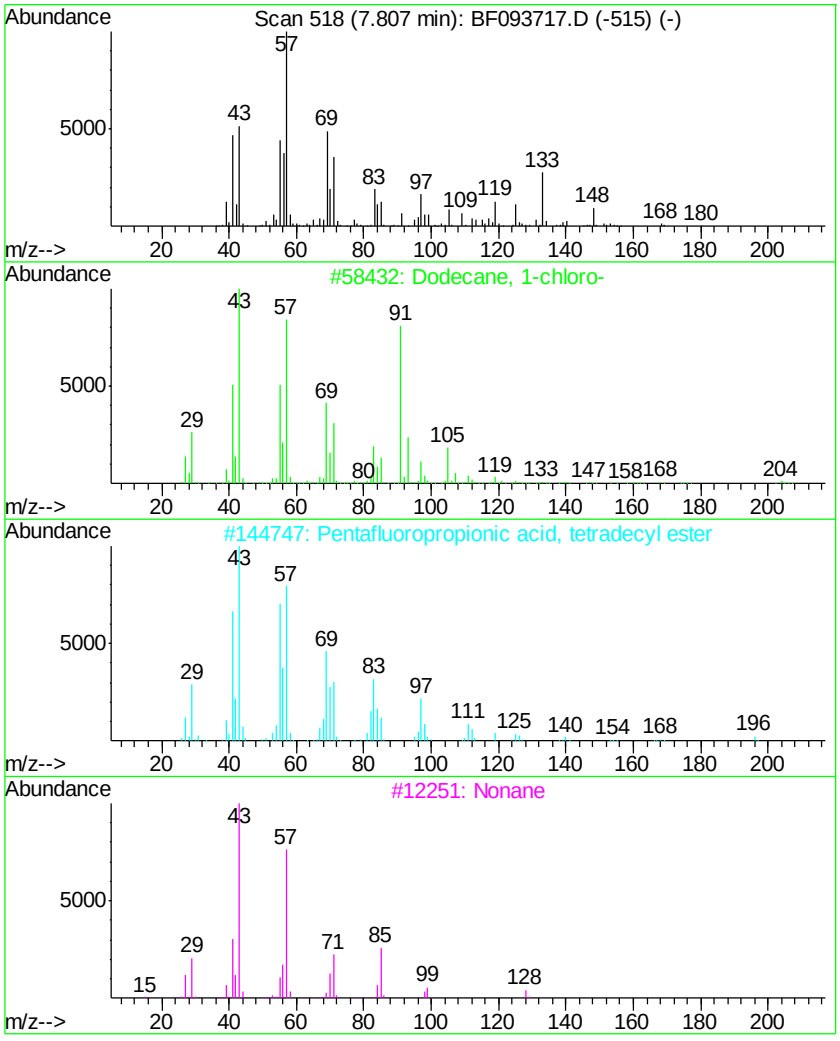
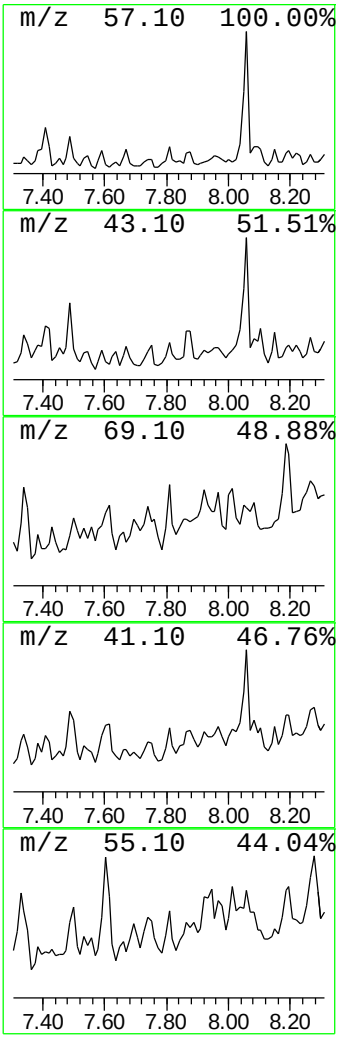
Peak Number 8 unknown7.81 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	12.72 ng	1799010	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	43
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	43
3	Nonane	128	C9H20	000111-84-2	38
4	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	38
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	38





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Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
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Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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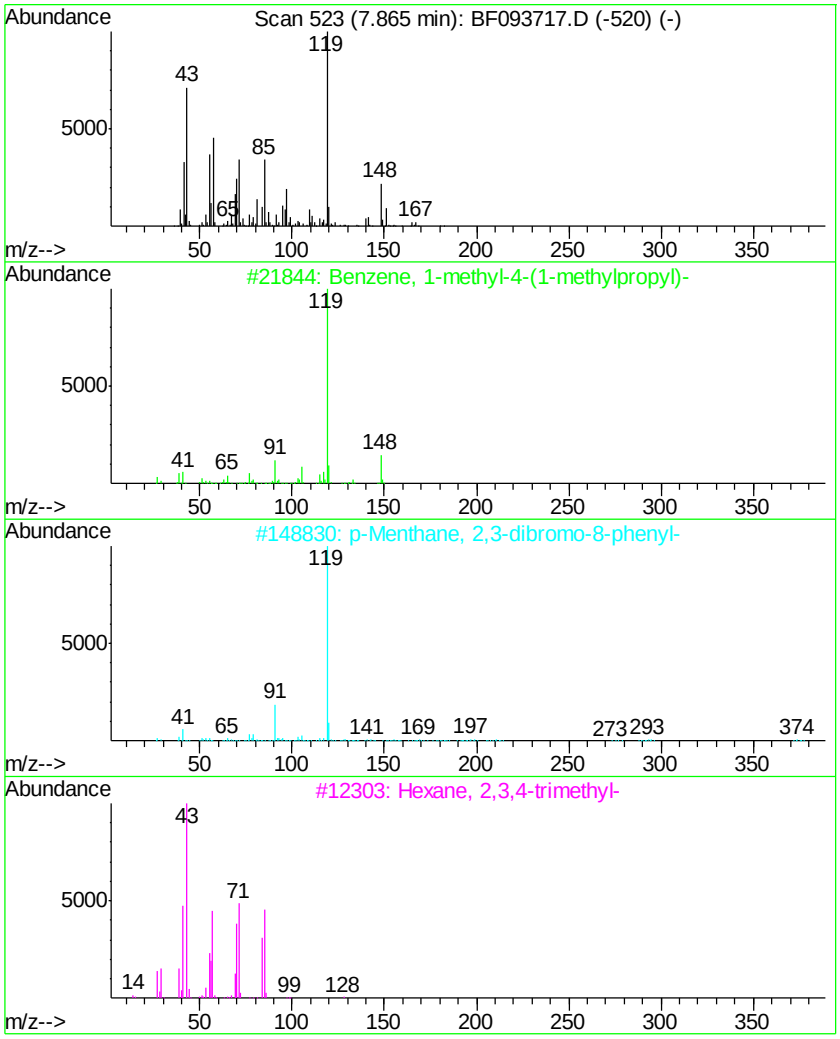
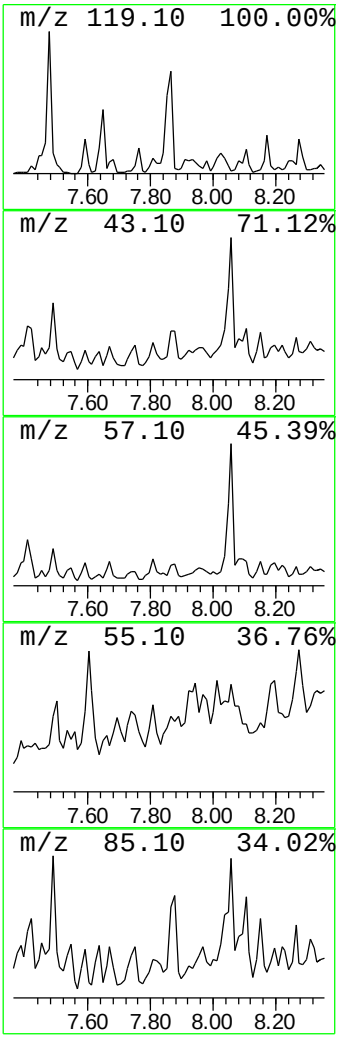
Peak Number 9 unknown7.86 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	19.50 ng	2757350	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
2	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	27
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	18
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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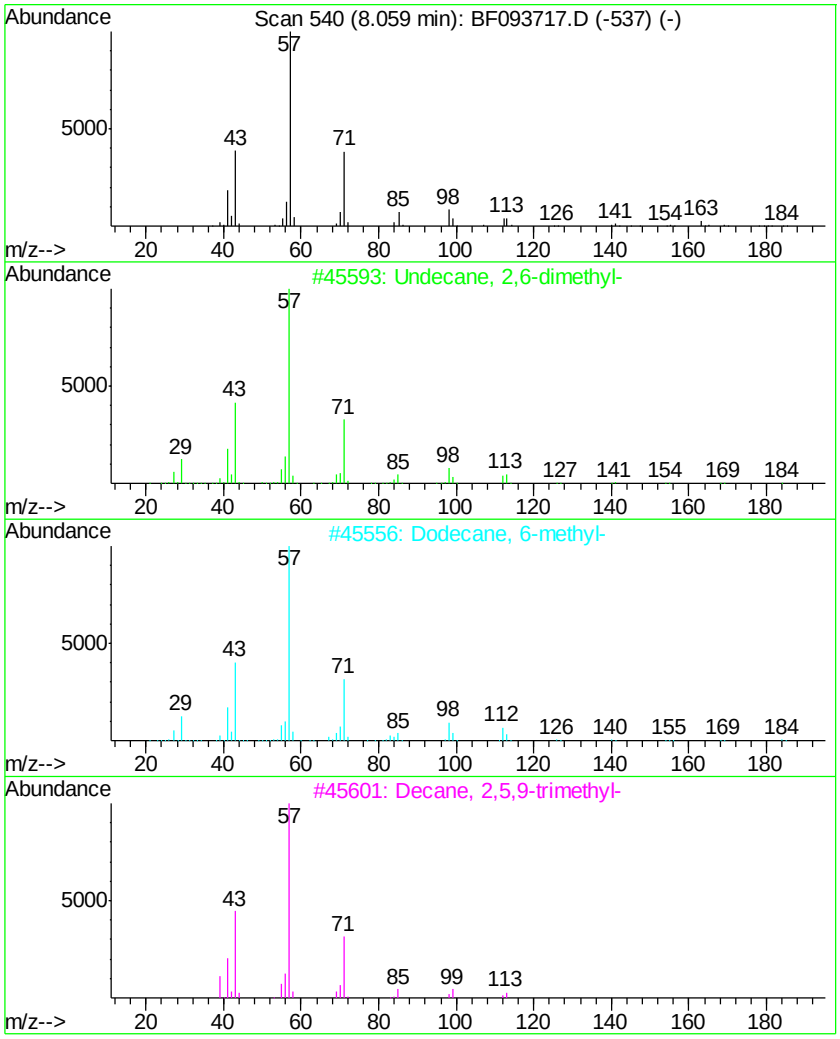
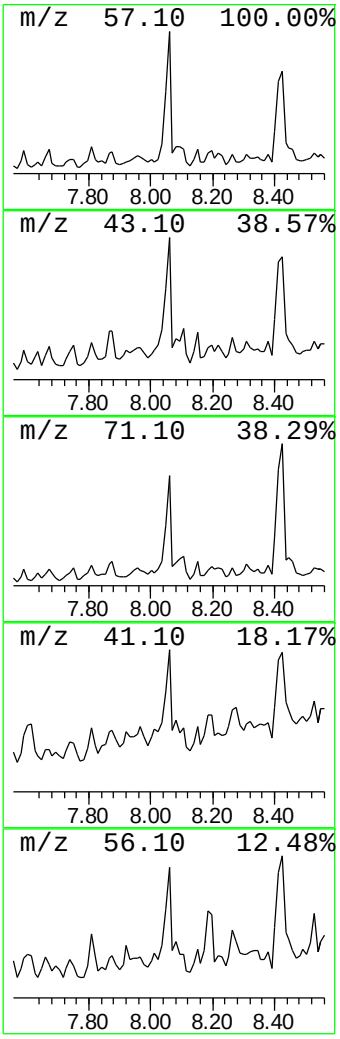
Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	25.42 ng	3595160	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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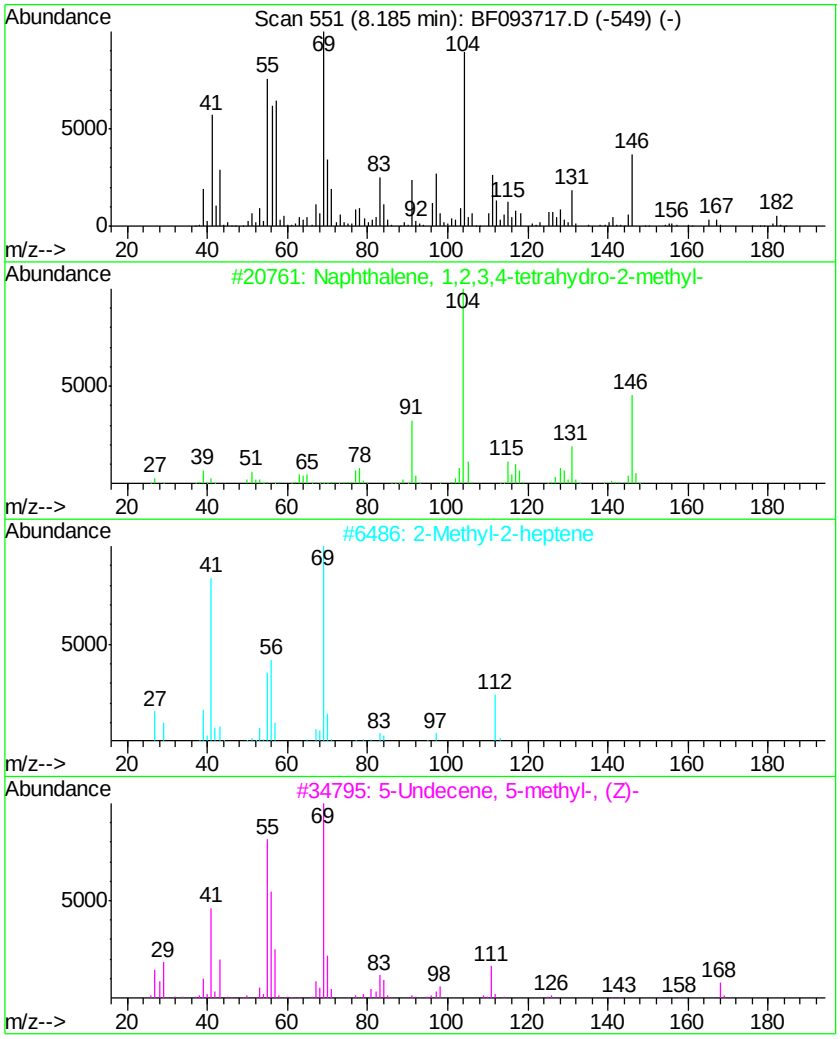
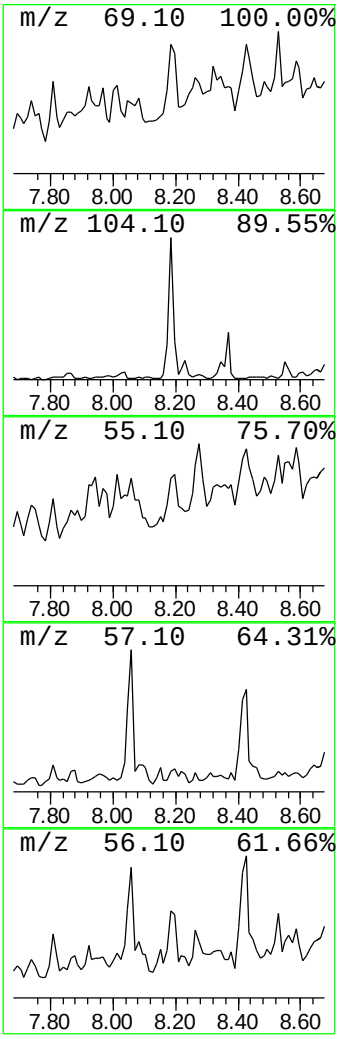
Peak Number 11 unknown8.18 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	16.79 ng	2374290	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	38
2	2-Methyl-2-heptene	112	C8H16	000627-97-4	38
3	5-Undecene, 5-methyl-, (Z)-	168	C12H24	057024-93-8	35
4	2-Undecene, 2-methyl-	168	C12H24	056888-88-1	35
5	Heptane, 4-methylene-	112	C8H16	015918-08-8	30





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Misc :
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Instrument : BNA_F
ClientSampleId : W-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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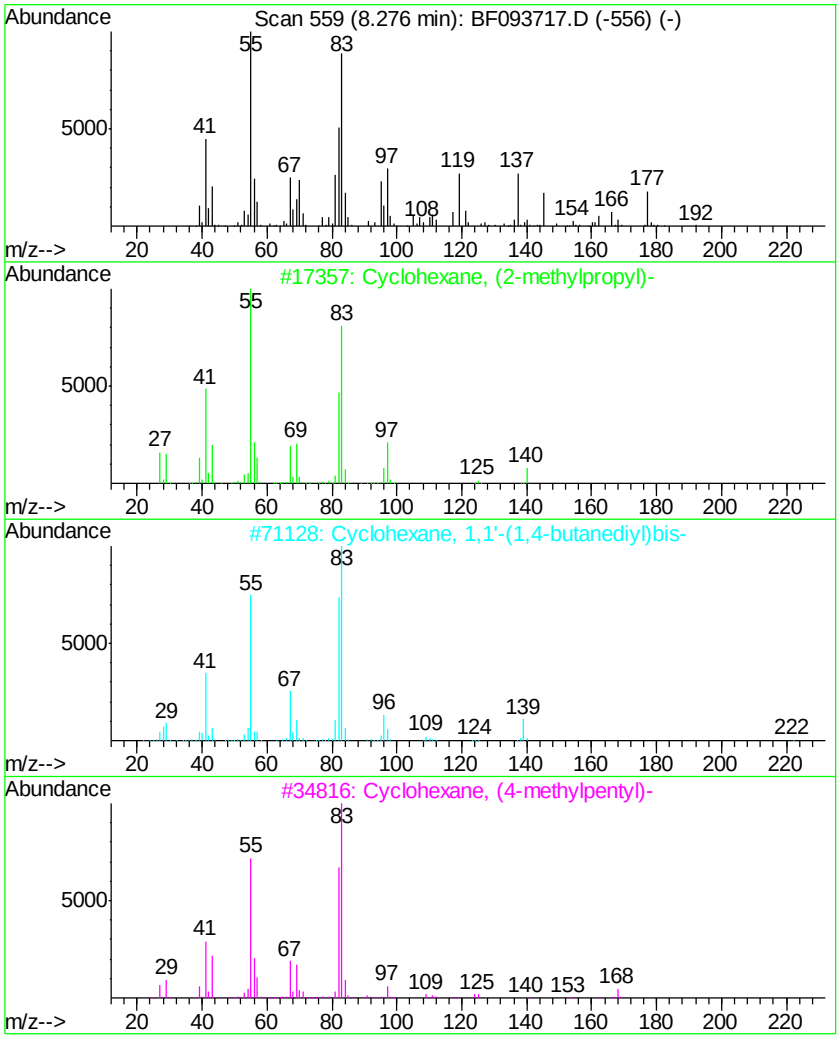
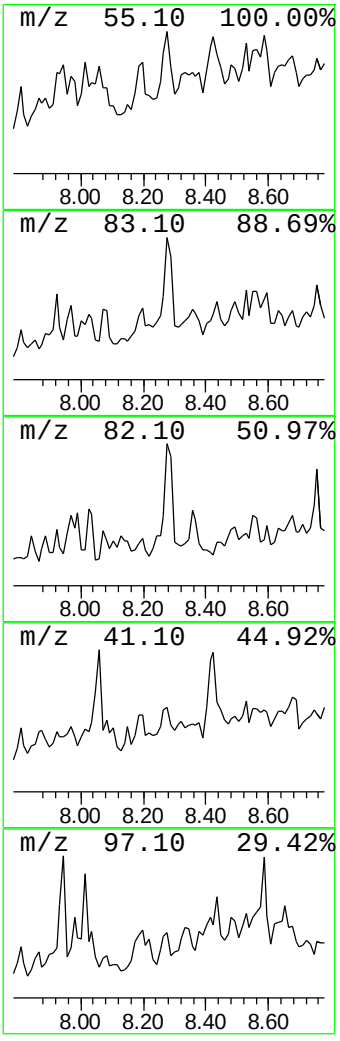
Peak Number 12 Cyclohexane, (2-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	11.72 ng	1656980	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	35
5	13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	35





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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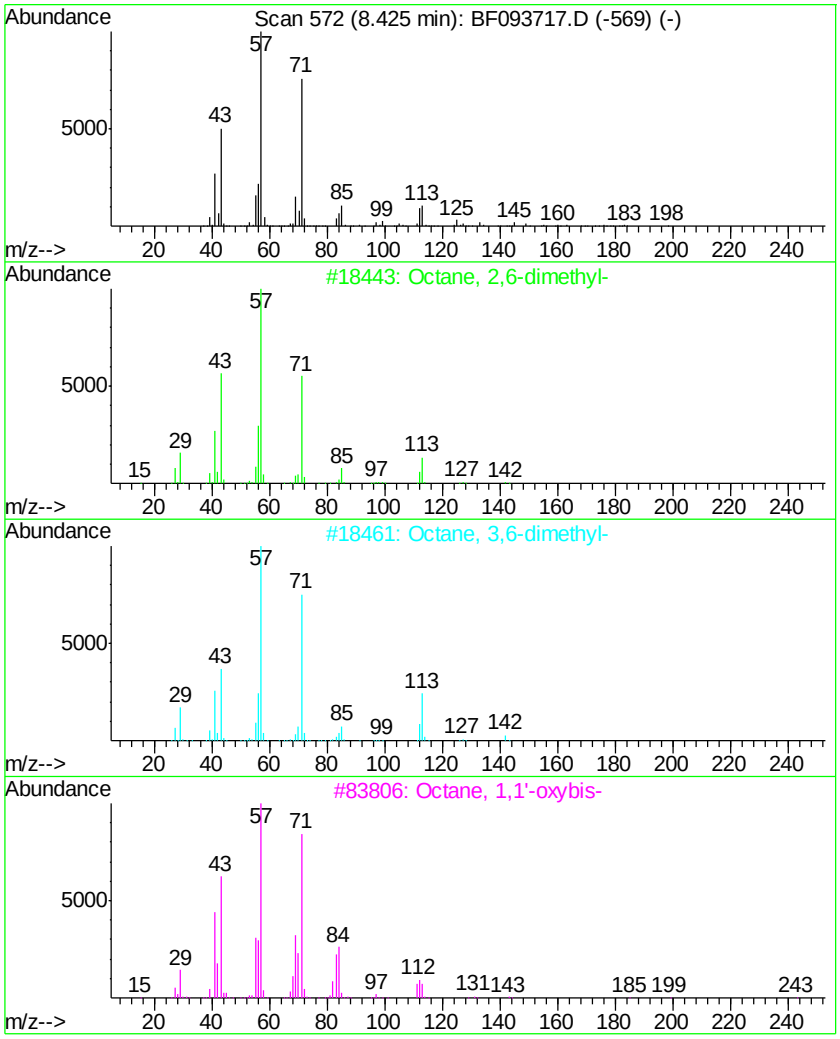
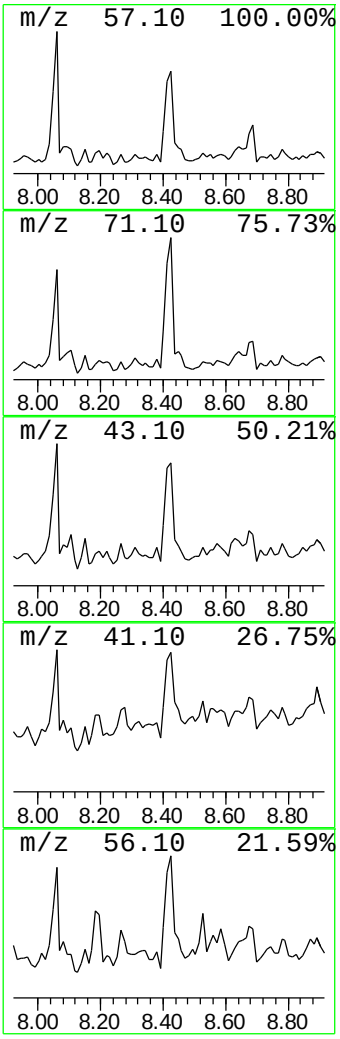
Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	59.59 ng	8426170	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72





Library Search Compound Report

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Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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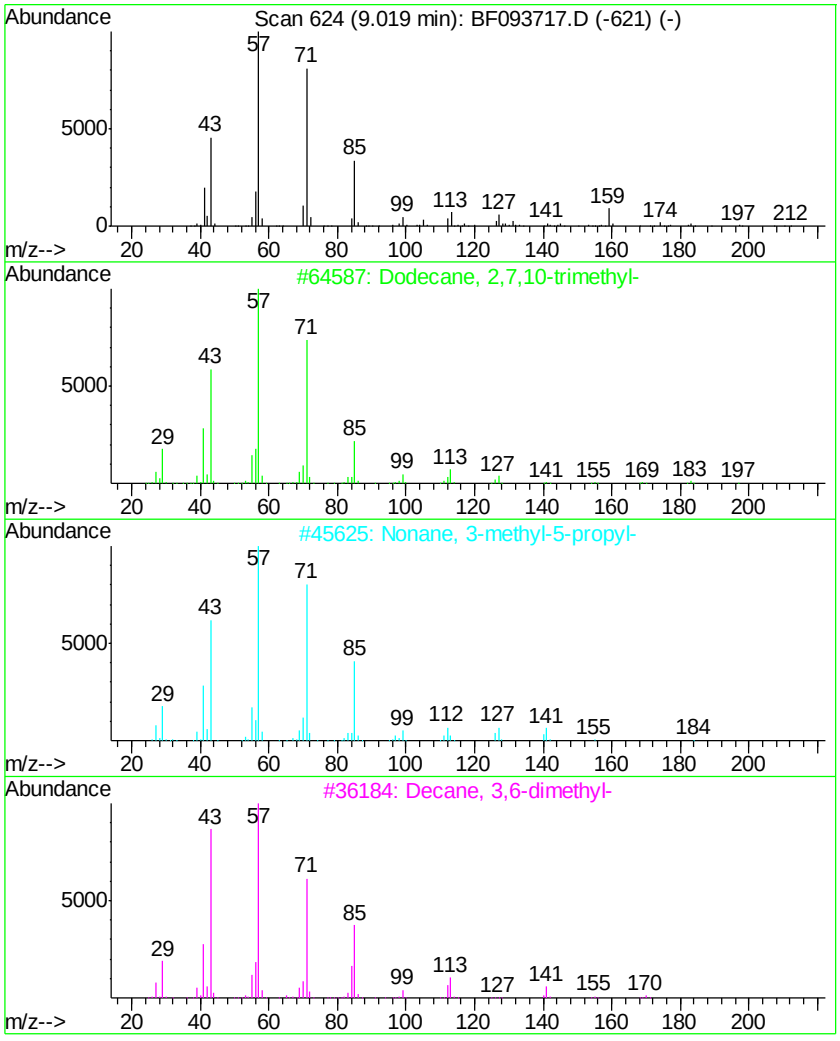
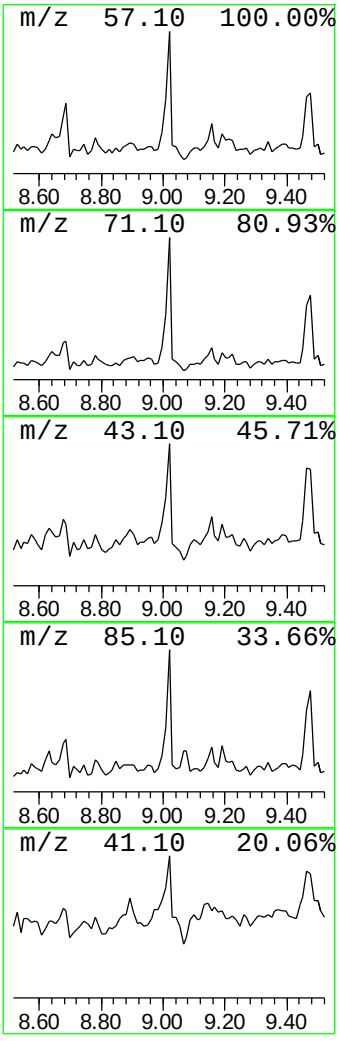
Peak Number 14 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	28.66 ng	3744390	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	83
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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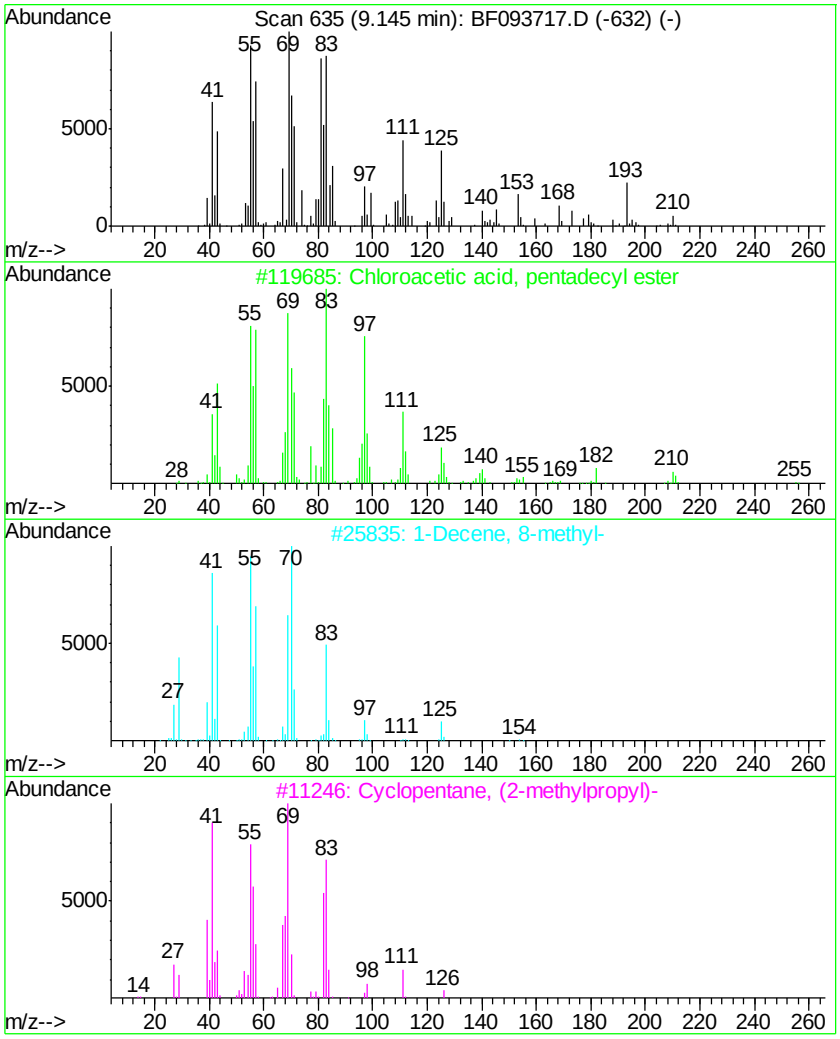
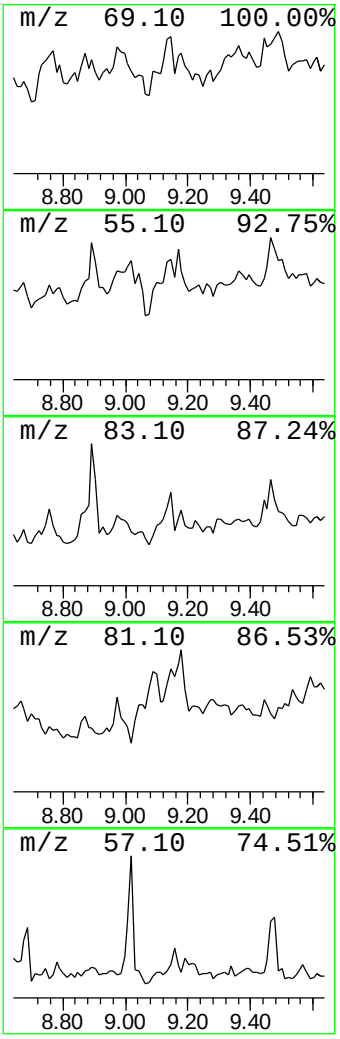
Peak Number 15 Chloroacetic acid, pentadec... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	18.35 ng	2397870	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	53
2	1-Decene, 8-methyl-	154	C11H22	061142-79-8	49
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
4	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	46
5	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	46





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TIC Integration Parameters: LSCINT.P

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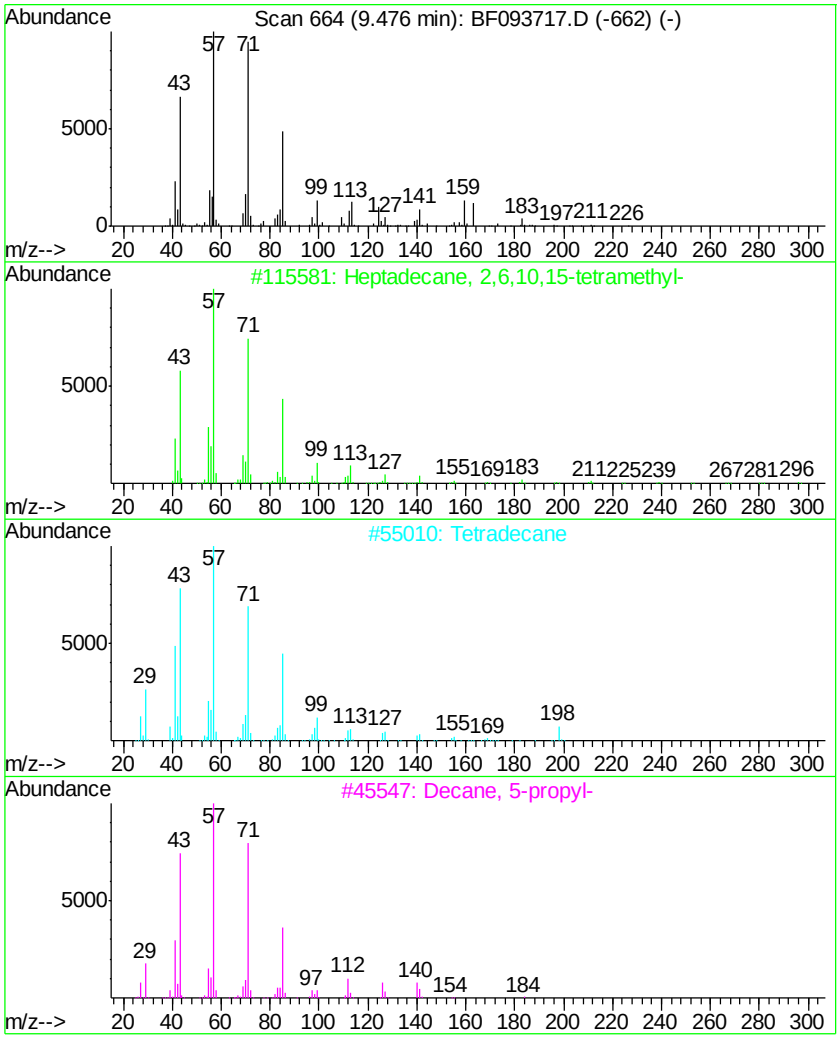
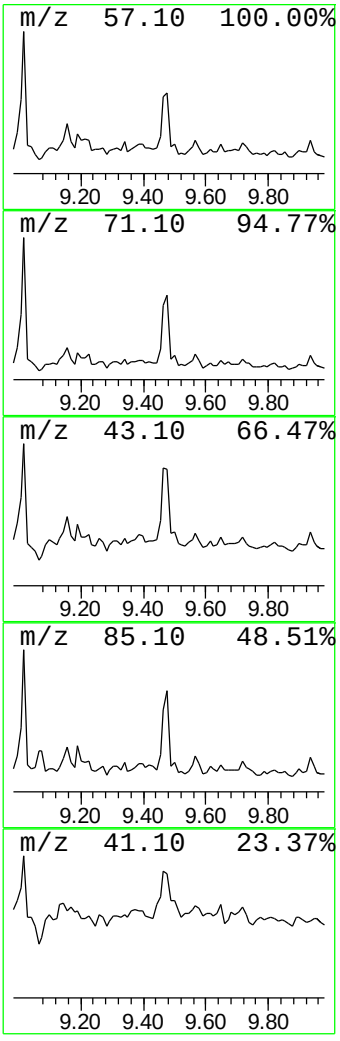
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	20.00 ng	2613050	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Tetradecane	198	C14H30	000629-59-4	72
3	Decane, 5-propyl-	184	C13H28	017312-62-8	68
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62
5	Hexadecane	226	C16H34	000544-76-3	59





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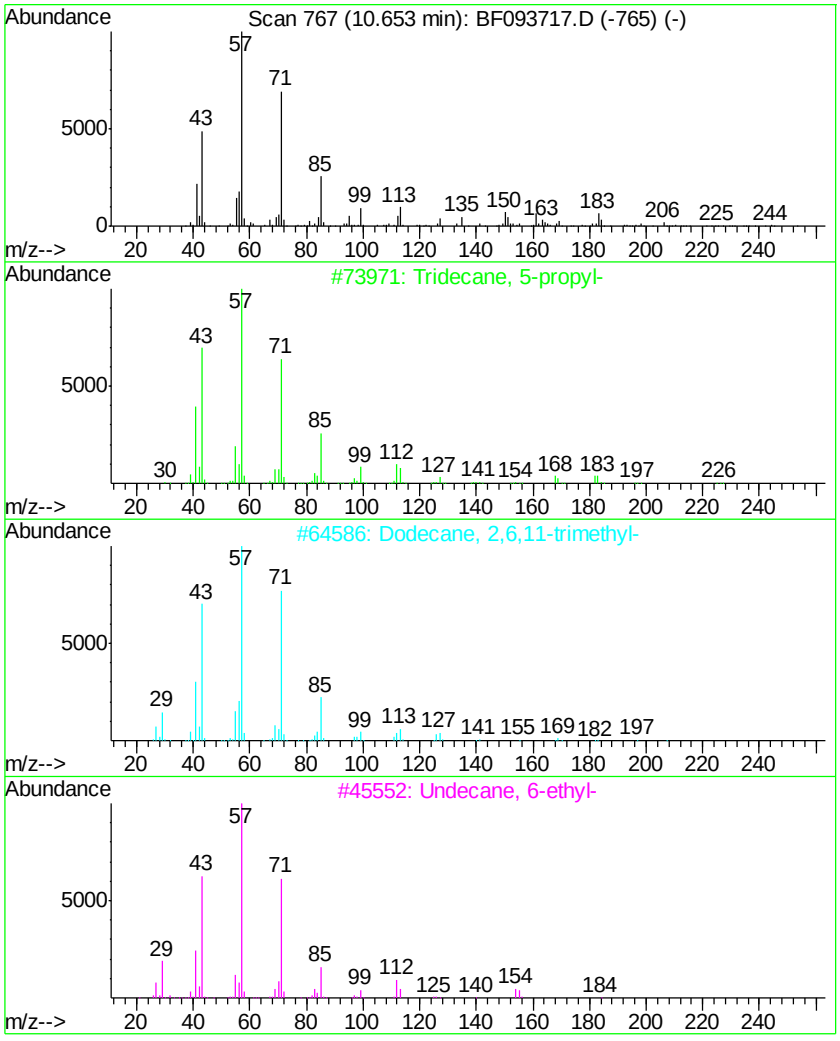
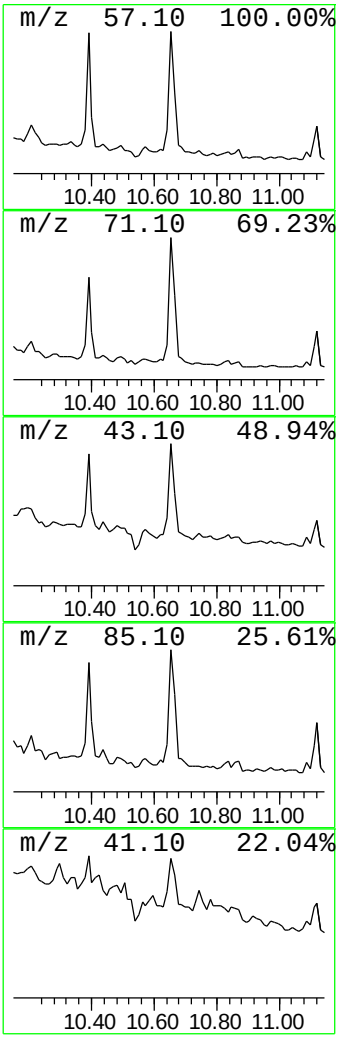
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	49.25 ng	2931250	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	52





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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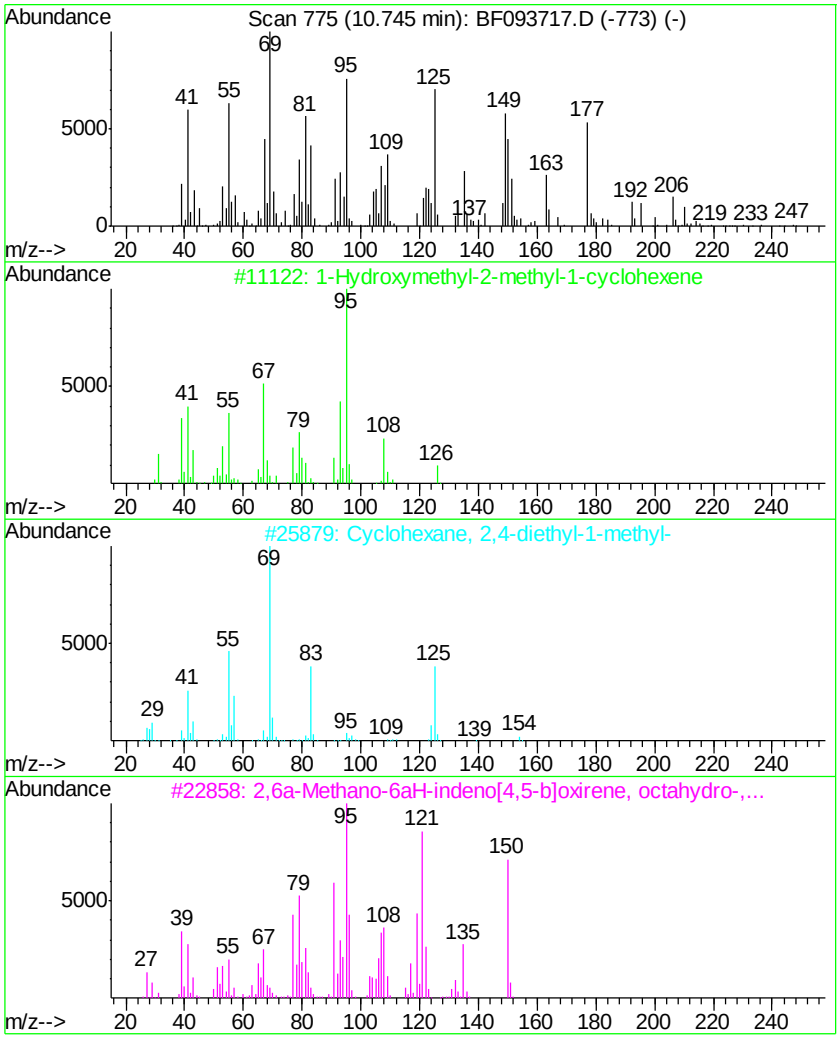
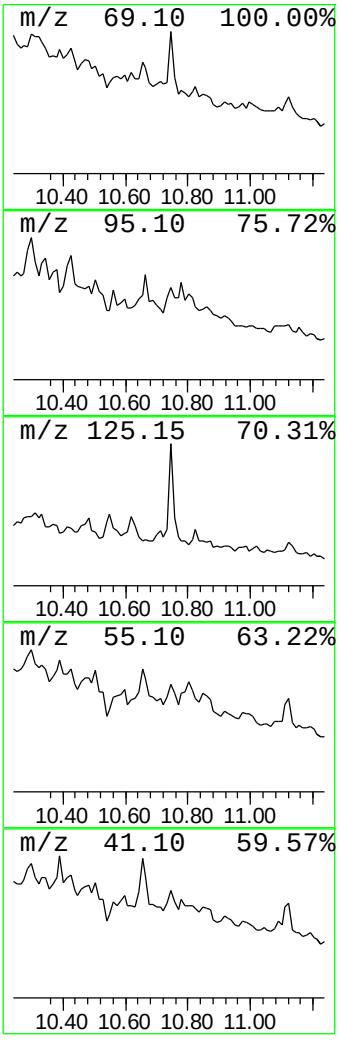
Peak Number 18 unknown10.74 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	15.39 ng	916271	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	25
2	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	18
3	2,6a-Methano-6aH-indeno[4,5-blox...	150	C10H14O	016489-32-0	18
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	15
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	11





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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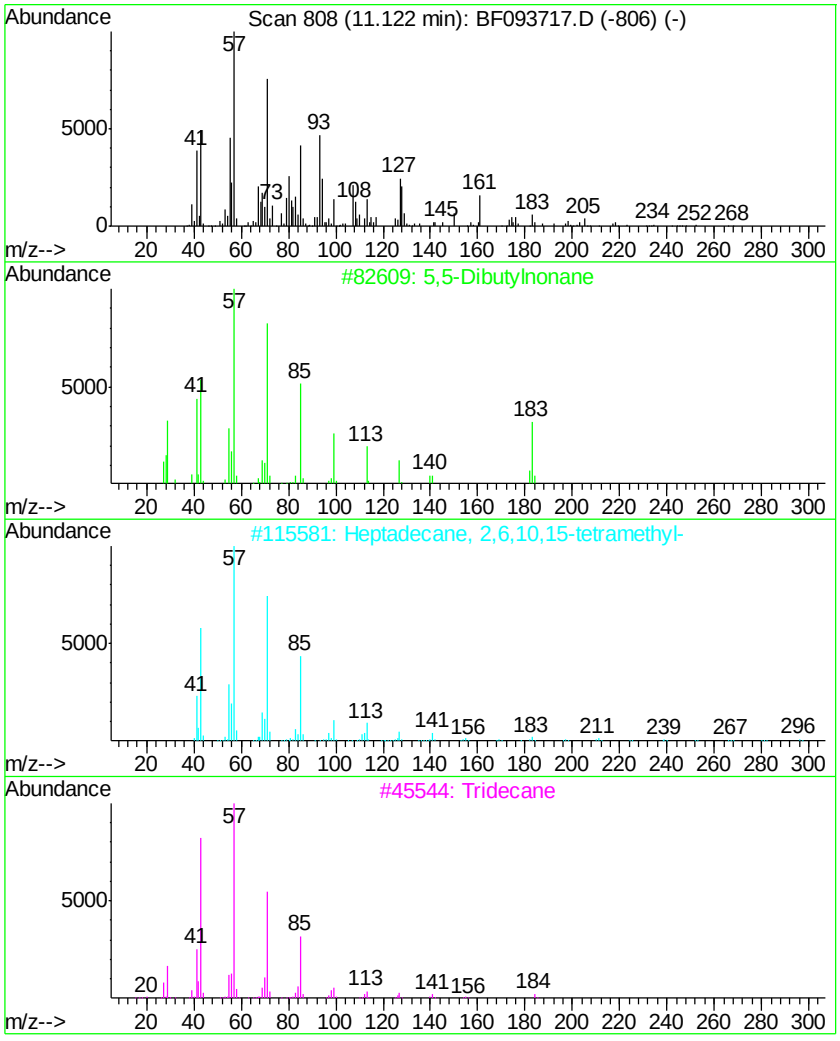
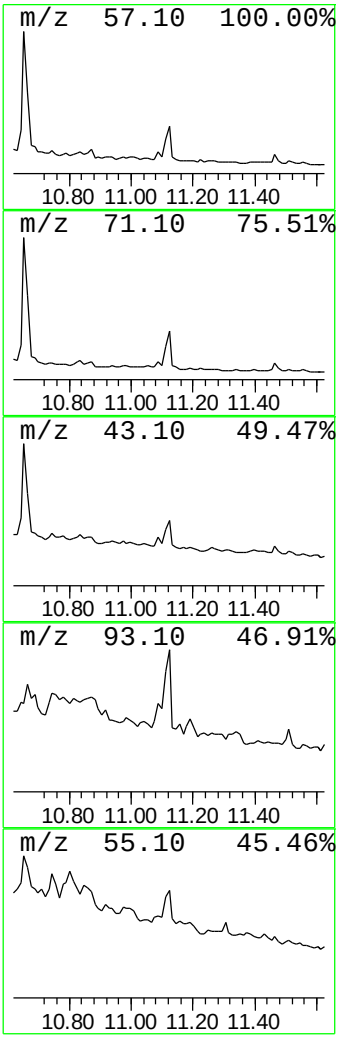
Peak Number 19 unknown11.12 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	19.47 ng	1158850	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	38
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
3	Tridecane	184	C13H28	000629-50-5	38
4	Nonadecane	268	C19H40	000629-92-5	35
5	Heptadecane	240	C17H36	000629-78-7	35





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Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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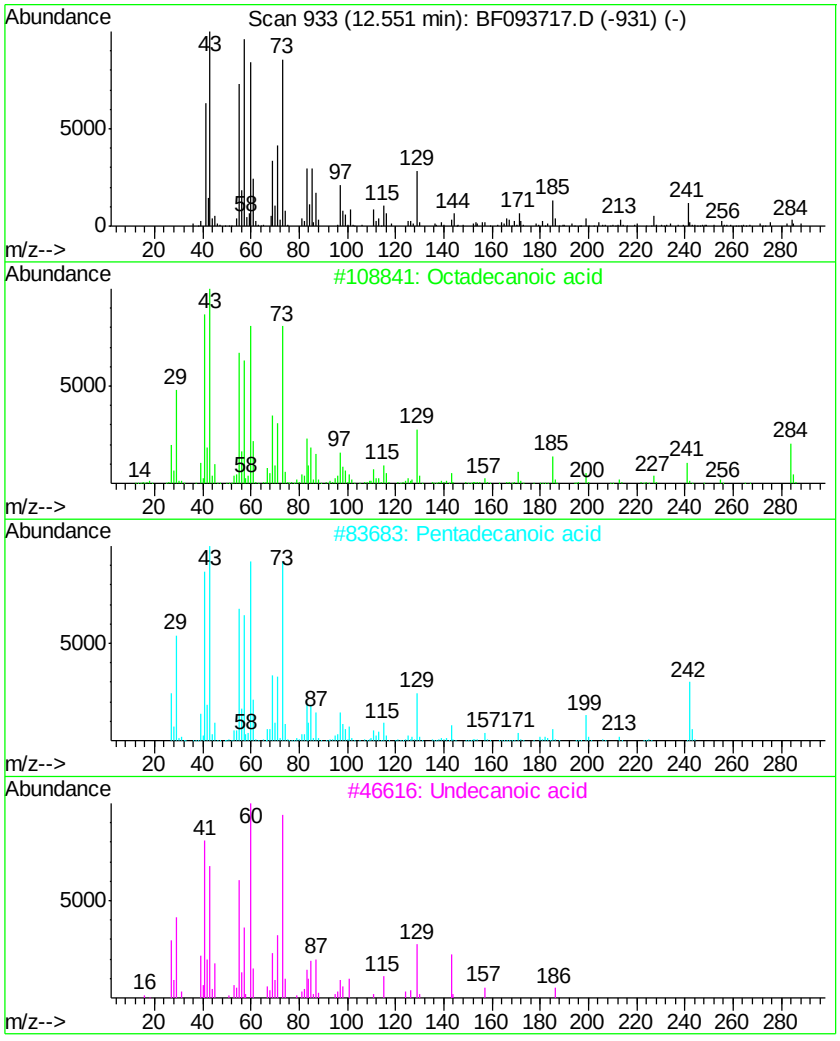
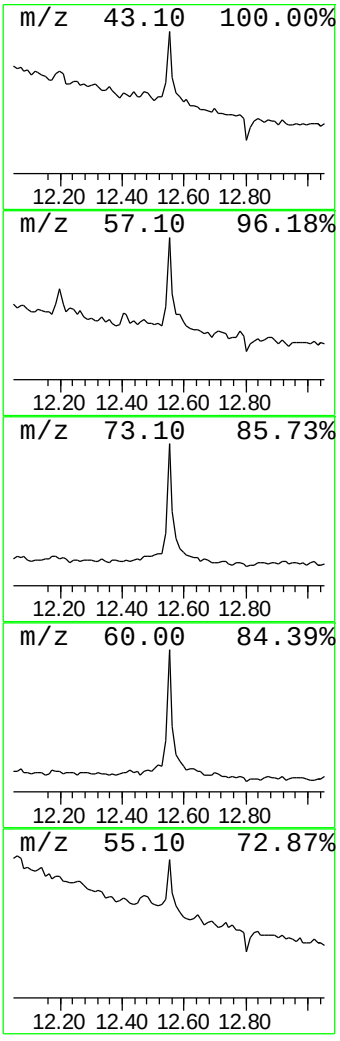
Peak Number 20 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	15.74 ng	754416	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	70
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	15
5	Eicosane	282	C20H42	000112-95-8	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031617\
Data File : BF093717.D
Acq On : 16 Mar 2017 20:18
Operator : SJ/MA
Sample : I2255-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.47	6.47	24.3	ng	3744650	1	6.70	3081980	20.0
Benzene, (1-methy...	6.64	11.5	ng	1773240	1	6.70	3081980	20.0
unknown7.34	7.34	15.1	ng	2323820	1	6.70	3081980	20.0
1-Octanol, 2-butyl-	7.41	19.2	ng	2709330	2	7.99	2828070	20.0
Decane, 3,7-dimet...	7.49	29.0	ng	4097710	2	7.99	2828070	20.0
1-Methyldecahydro...	7.61	25.2	ng	3561550	2	7.99	2828070	20.0
unknown7.81	7.81	12.7	ng	1799010	2	7.99	2828070	20.0
unknown7.86	7.86	19.5	ng	2757350	2	7.99	2828070	20.0
Undecane, 2,6-dim...	8.06	25.4	ng	3595160	2	7.99	2828070	20.0
unknown8.18	8.18	16.8	ng	2374290	2	7.99	2828070	20.0
Cyclohexane, (2-m...	8.28	11.7	ng	1656980	2	7.99	2828070	20.0
Octane, 2,6-dimet...	8.42	59.6	ng	8426170	2	7.99	2828070	20.0
Dodecane, 2,7,10-...	9.02	28.7	ng	3744390	3	9.75	2613050	20.0
Chloroacetic acid...	9.14	18.4	ng	2397870	3	9.75	2613050	20.0
Heptadecane, 2,6,...	9.48	20.0	ng	2613050	3	9.75	2613050	20.0
Tridecane, 5-propyl-	10.65	49.3	ng	2931250	4	11.24	1190420	20.0
unknown10.74	10.74	15.4	ng	916271	4	11.24	1190420	20.0
unknown11.12	11.12	19.5	ng	1158850	4	11.24	1190420	20.0
Octadecanoic acid	12.55	15.7	ng	754416	5	13.87	958665	20.0