LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

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-BF102616.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	2.327	20	21	35	rVB	50406	115520	1.66%	0.162%
2	4.887	242	245	254	rBV	727922	1480763	21.28%	2.079%
3	5.264	276	278	281	rBV	53732	101857	1.46%	0.143%
4	5.321	281	283	286	rBV	3753492	5766677	82.89%	8.098%
5	5.653	310	312	317	rBV	467054	490419	7.05%	0.689%
6	5.984	337	341	342	rBV2	53771	78932	1.13%	0.111%
7	6.167	353	357	359	rBV2	50014	80155	1.15%	0.113%
8	6.213	359	361	362	rBV	375645	406795	5.85%	0.571%
9	6.236	362	363	365	rBV	243905	229994	3.31%	0.323%
10	6.270	365	366	368	rVB	103926	81520	1.17%	0.114%
11	6.316	368	370	372	rBV	247262	330080	4.74%	0.464%
12	6.373	372	375	378	rBV	3358987	5801120	83.38%	8.146%
13	6.499	382	386	388	rBV	5282931	6957145	100.00%	9.769%
14	6.544	388	390	391	rBV	1282499	1367434	19.66%	1.920%
15	6.659	398	400	404	rBV	350696	410255	5.90%	0.576%
16	6.716	404	405	409	rVB2	960156	1662424	23.90%	2.334%
17	6.784	409	411	412	rBV	154947	197171	2.83%	0.277%
18	6.807	412	413	415	rVB	251016	237045	3.41%	0.333%
19	6.876	415	419	422	rBV2	4069990	5972100	85.84%	8.386%
20	7.002	427	430	435	rVV	1001563	1304744	18.75%	1.832%
21	7.070	435	436	443	rVV	494460	551396	7.93%	0.774%
22	7.162	443	444	448	rVV3	250775	472498	6.79%	0.663%
23	7.242	448	451	452	rVV2	112346	126276	1.82%	0.177%
24	7.299	452	456	458	rVV	2944196	4208631	60.49%	5.910%
25	7.333	458	459	461	rVV	157825	134025	1.93%	0.188%
26	7.424	463	467	469	rVV	168105	309057	4.44%	0.434%
27	7.493	471	473	475	rVB2	60312	101433	1.46%	0.142%
28	7.756	493	496	498	rBV3	108714	174699	2.51%	0.245%
29	7.790	498	499	505	rVB2	61932	135809	1.95%	0.191%
30	8.007	516	518	523	rBV	1745975	1774480	25.51%	2.492%
31	8.442	554	556	558	rBV	69041	70322	1.01%	0.099%
32	8.613	568	571	573	rBV	164845	145872	2.10%	0.205%
33	9.093	610	613	615	rBV	5720932	5647956	81.18%	7.931%
34	9.173	618	620	622	rVB	79294	85451	1.23%	0.120%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.493	645	648	650	rBV	1720362	1864019	26.79%	2.617%
36	9.710	665	667	669	rBV	101922	127464	1.83%	0.179%
37	9.756	669	671	673	rVV	1050477	1440561	20.71%	2.023%
38	9.790	673	674	677	rVB	113499	107275	1.54%	0.151%
39	10.202	708	710	712	rVB	413605	379680	5.46%	0.533%
40	10.305	718	719	723	rBV	111227	115197	1.66%	0.162%
41	10.419	726	729	732	rBV	174408	287387	4.13%	0.404%
42	10.556	738	741	743	rBV	3495501	3807642	54.73%	5.347%
43	10.682	749	752	755	rBV	498257	831311	11.95%	1.167%
44	10.865	766	768	773	rVB2	82281	185753	2.67%	0.261%
45	11.048	782	784	786	rVB3	42677	69680	1.00%	0.098%
46	11.128	789	791	792	rVV	448151	497889	7.16%	0.699%
47	11.150	792	793	796	rVB	151502	161231	2.32%	0.226%
48	11.242	799	801	802	rBV	1459215	1304717	18.75%	1.832%
49	11.322	805	808	811	rVB2	116537	210672	3.03%	0.296%
50	11.482	819	822	826	rBV2	289652	409093	5.88%	0.574%
51	11.551	826	828	830	rVV	375857	315808	4.54%	0.443%
52	11.768	846	847	850	rVV	65927	99157	1.43%	0.139%
53	11.859	853	855	859	rVB3	114936	223703	3.22%	0.314%
54	11.951	862	863	866	rBV	101468	133110	1.91%	0.187%
55	12.225	885	887	891	rVB4	34896	75115	1.08%	0.105%
56	12.293	891	893	895	rBV	82972	120356	1.73%	0.169%
57	12.339	895	897	899	rVB2	68336	106640	1.53%	0.150%
58	12.453	905	907	909	rBV	1051845	982954	14.13%	1.380%
59	12.682	924	927	929	rBV	638783	862195	12.39%	1.211%
60	12.831	938	940	943	rBV	4051606	4479169	64.38%	6.290%
61	13.014	954	956	958	rVB	79504	92274	1.33%	0.130%
62	13.071	960	961	963	rVV2	81353	94051	1.35%	0.132%
63	13.116	963	965	969	rVV2	79062	140367	2.02%	0.197%
64	13.734	1017	1019	1022	rVB	266424	320561	4.61%	0.450%
65	13.882	1029	1032	1036	rBV2	932970	1643754	23.63%	2.308%
66	14.362	1072	1074	1080	rVB3	103445	281287	4.04%	0.395%
67	14.888	1117	1120	1124	rBV	288725	563837	8.10%	0.792%
68	15.162	1141	1144	1146	rBV	120887	190177	2.73%	0.267%
69	15.219	1146	1149	1151	rVB	185260	272072	3.91%	0.382%
70	15.277	1151	1154	1156	rBV	786189	996214	14.32%	1.399%
71	16.294	1241	1243	1246	rVB	63241	88487	1.27%	0.124%

LSC Area Percent Report

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Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.591	1267	1269	1274	rVB2	81992	188558	2.71%	0.265%
73	16.991	1301	1304	1308	rVB	71441	134994	1.94%	0.190%

Sum of corrected areas: 71214466

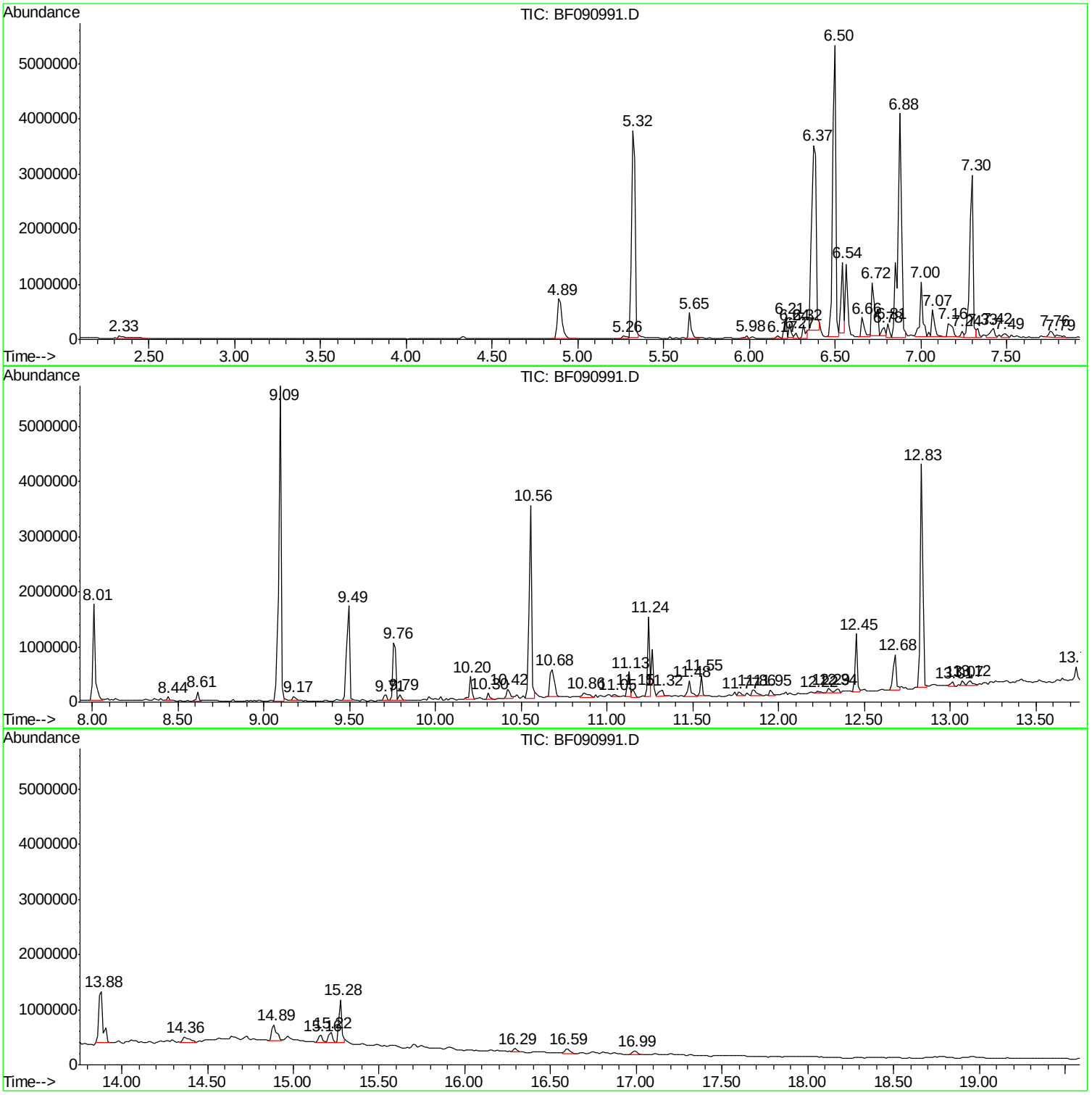
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

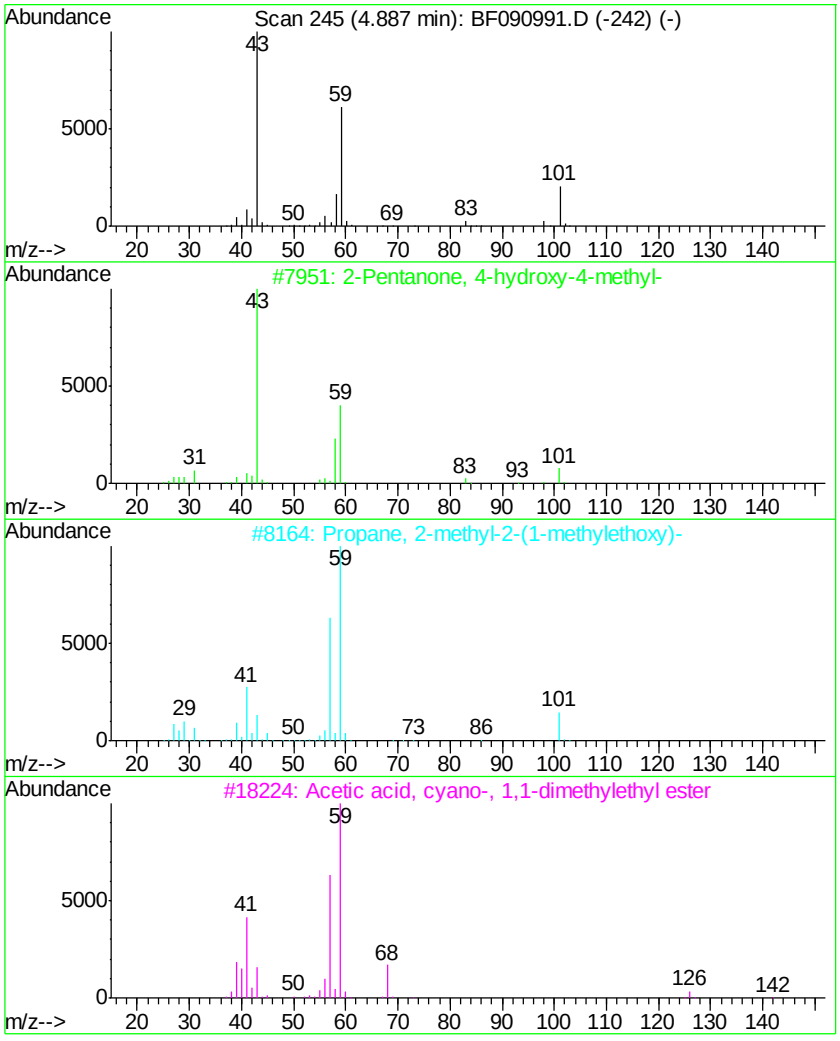
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

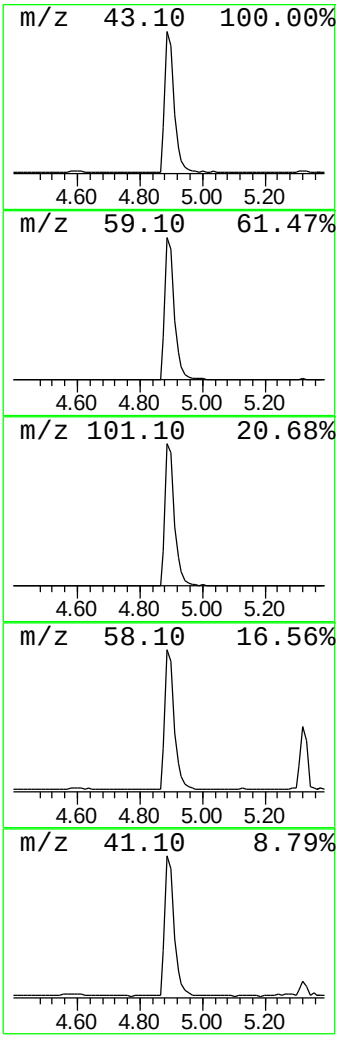
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	17.81 ng	1480760	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

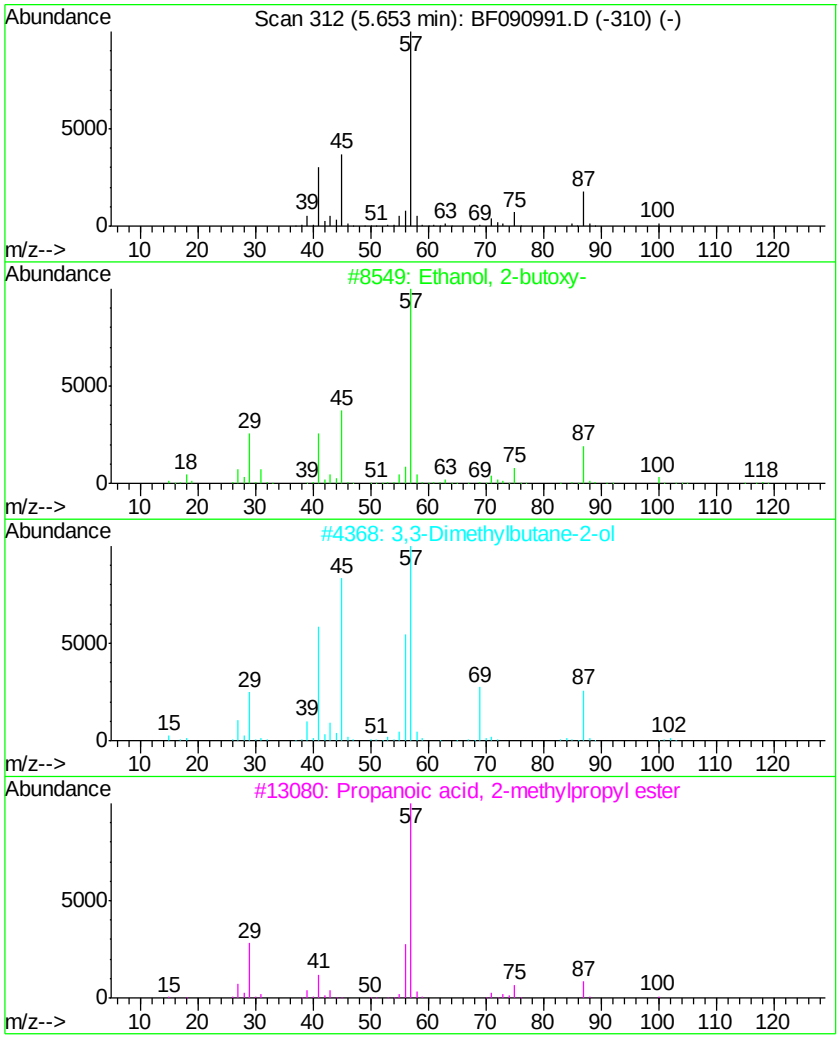
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

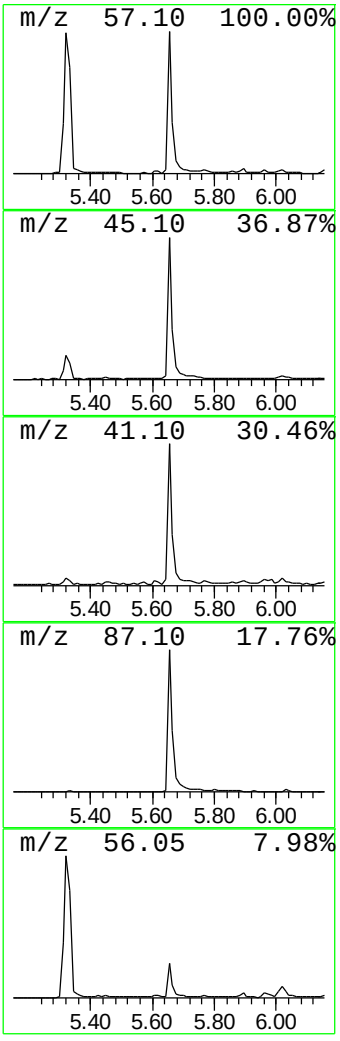
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	5.90 ng	490419	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	40
3	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	37
4	n-Butyl ether	130	C8H18O	000142-96-1	32
5	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

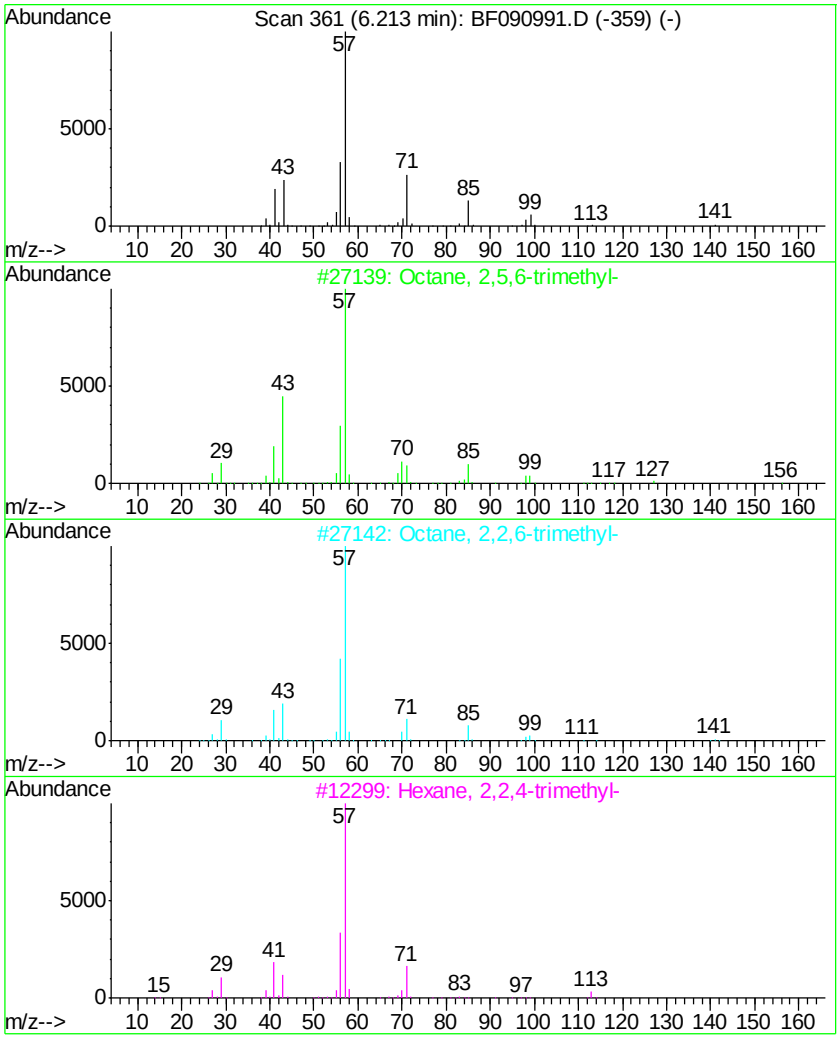
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

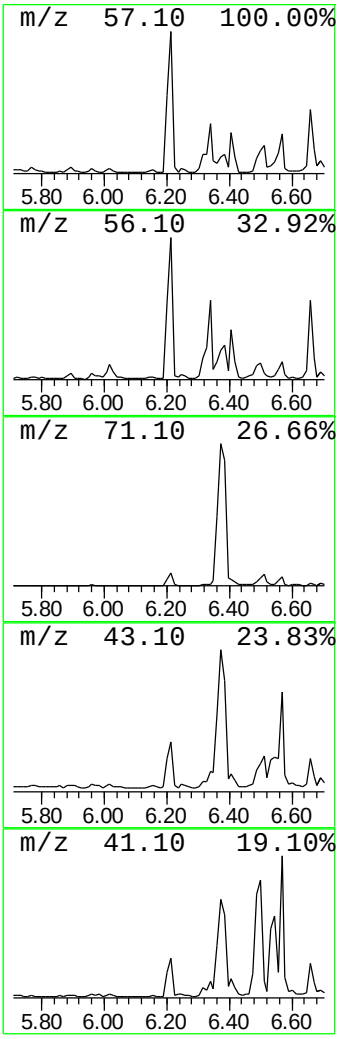
****

Peak Number 3 Octane, 2,5,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	4.89 ng	406795	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	56
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53





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Data File : BF090991.D
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Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

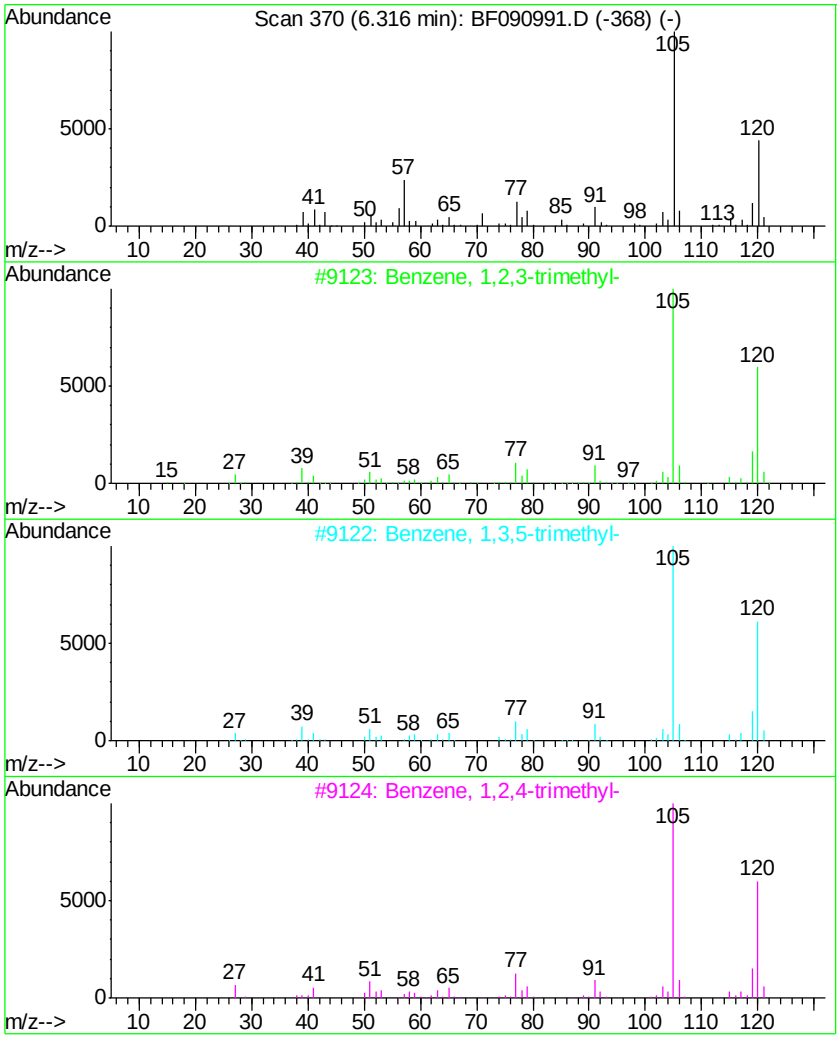
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

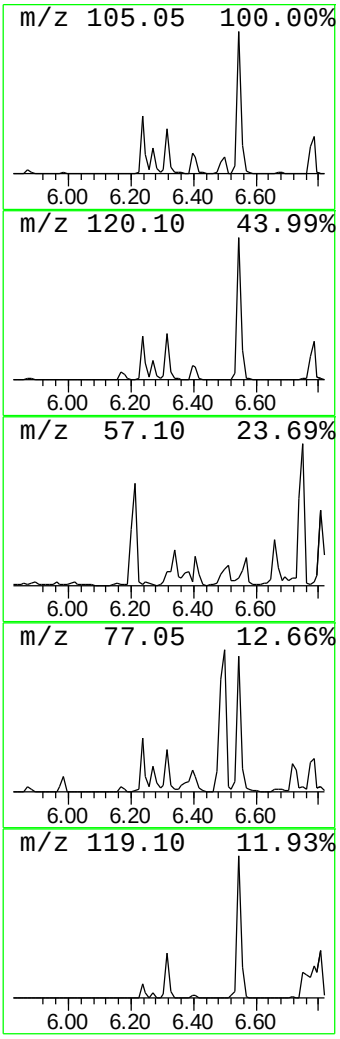
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	3.97 ng	330080	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

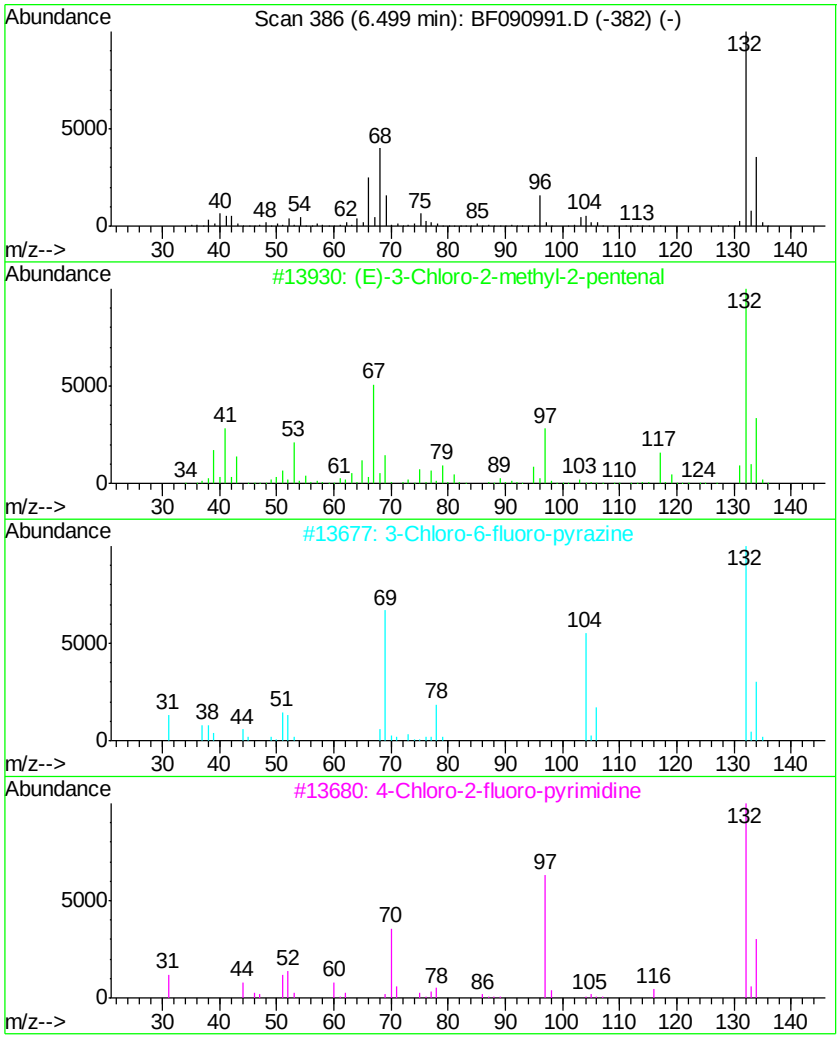
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

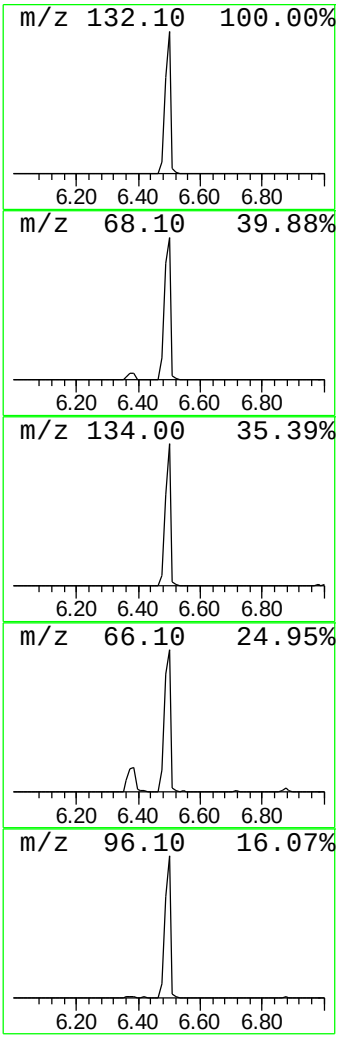
****

Peak Number 5 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	83.70 ng	6957150	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

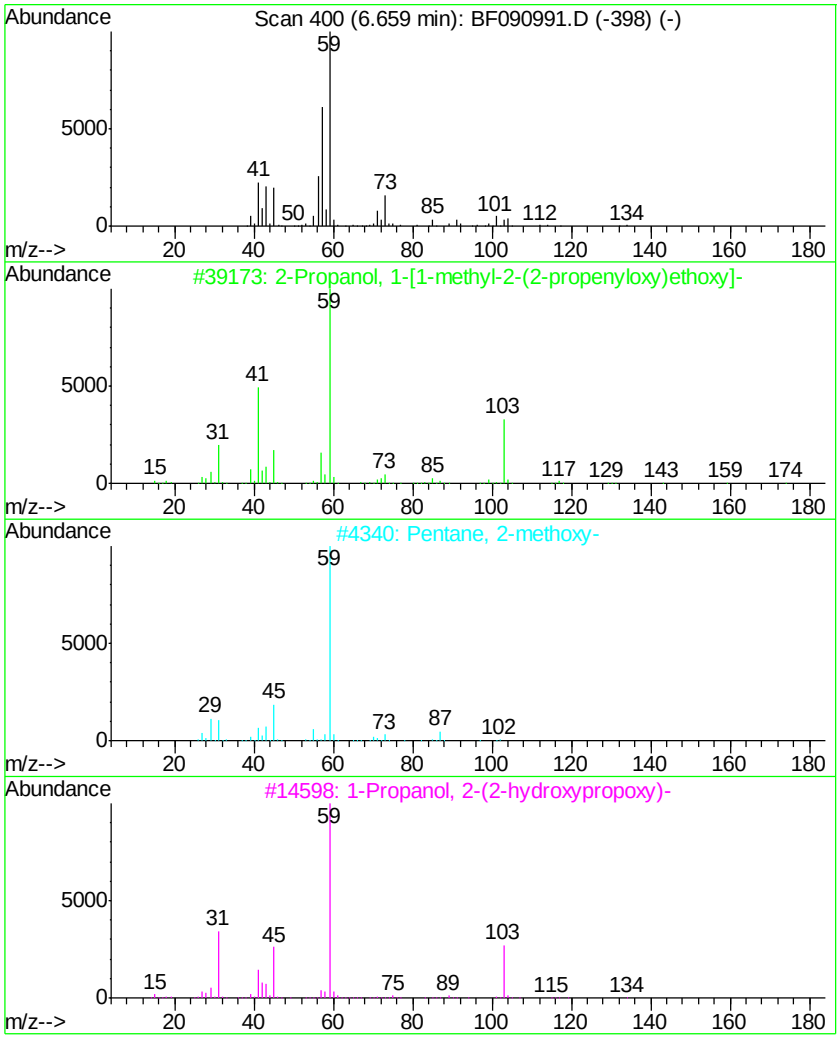
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

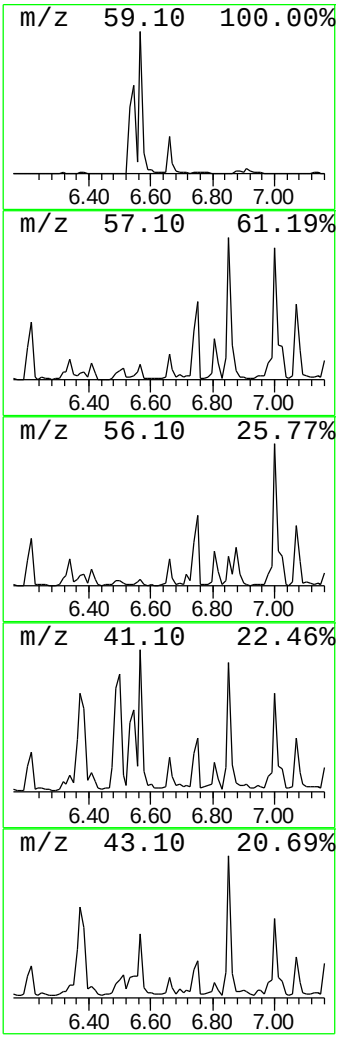
****

Peak Number 7 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	4.94 ng	410255	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	59
2	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
4	3-Methyl-oxirane-2-carboxylic ac...	116	C5H8O3	1000194-20-4	45
5	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

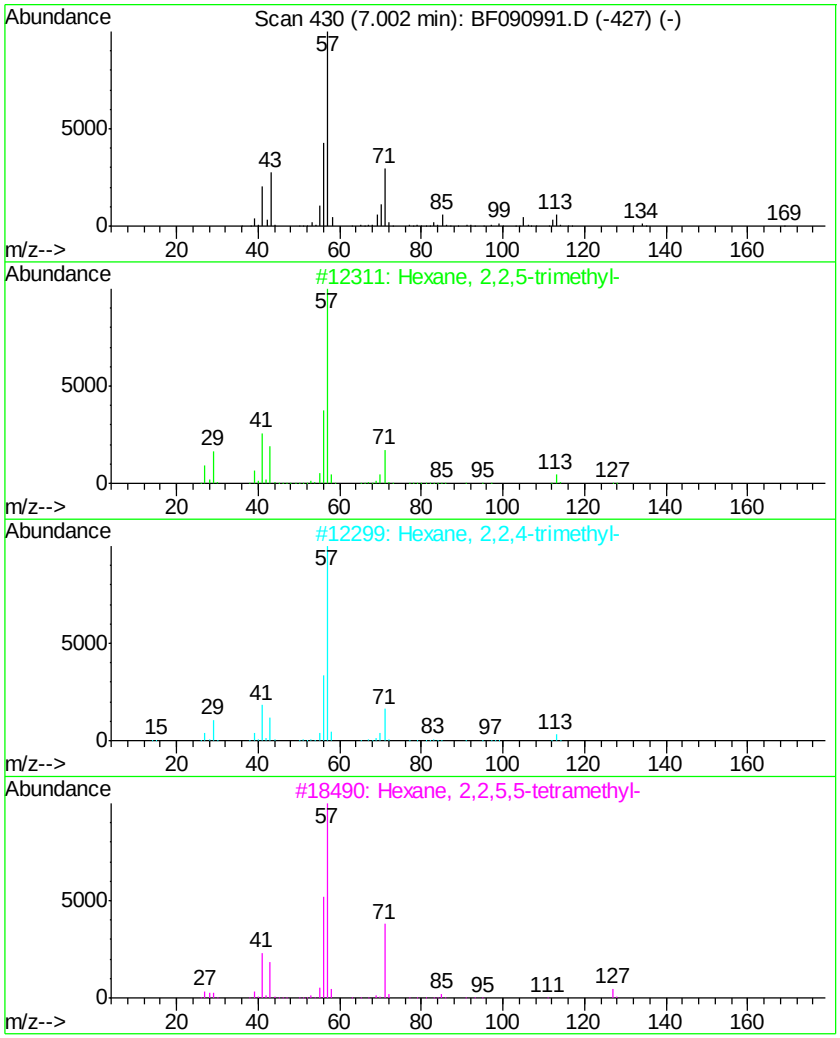
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

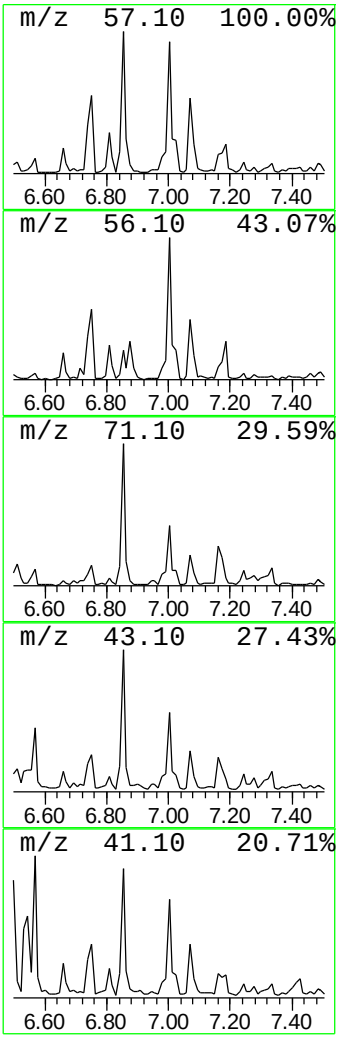
****

Peak Number 9 Hexane, 2,2,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	15.70 ng	1304740	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50





Library Search Compound Report

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Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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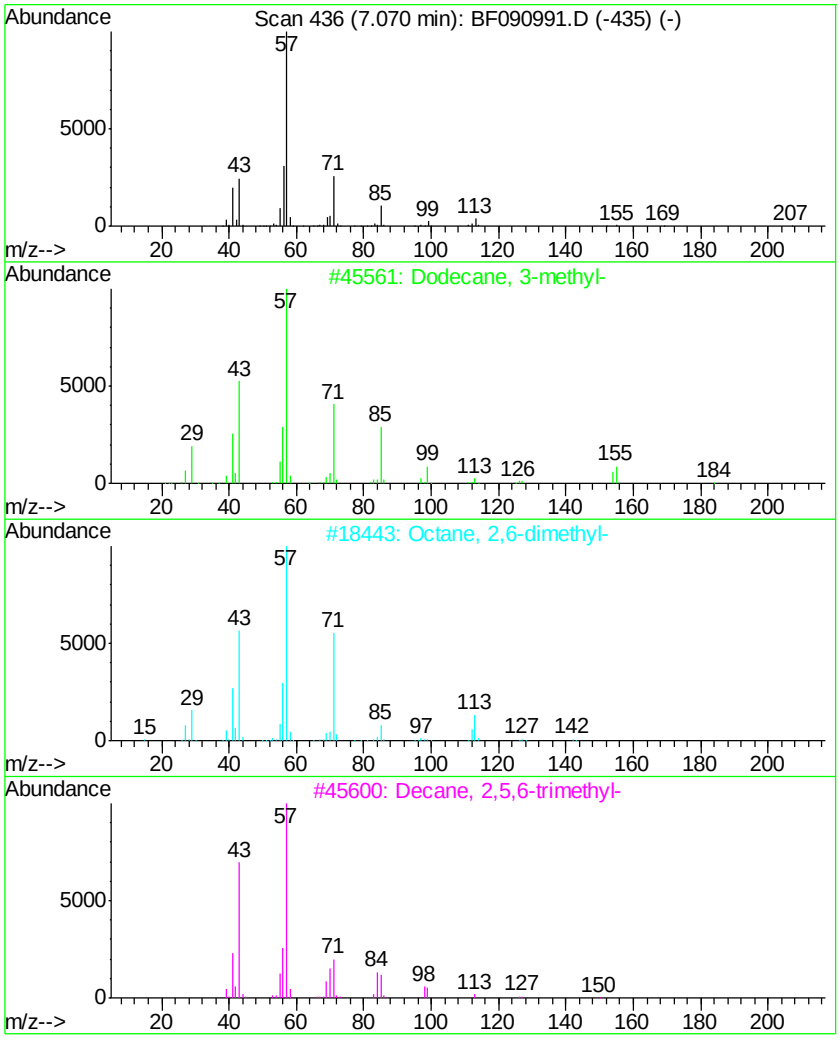
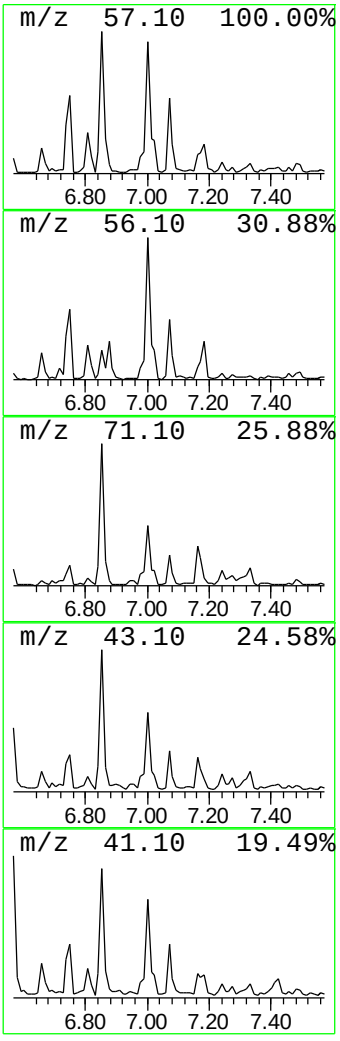
Peak Number 10 Dodecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	6.63 ng	551396	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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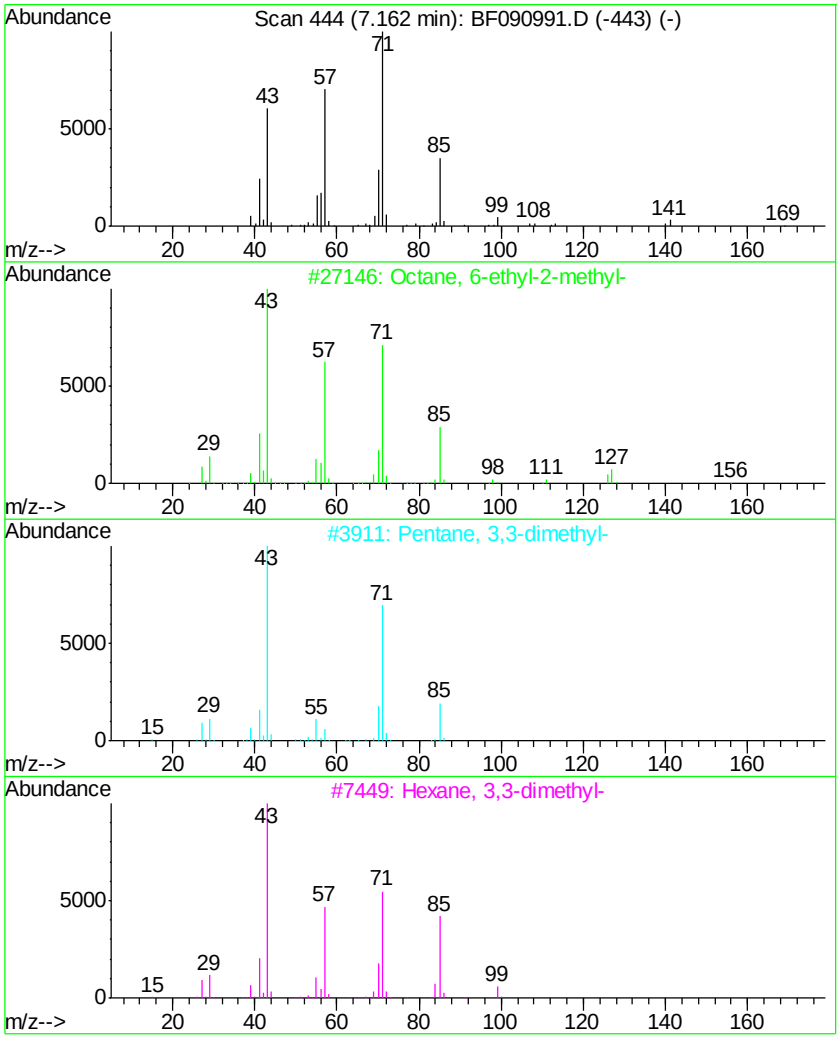
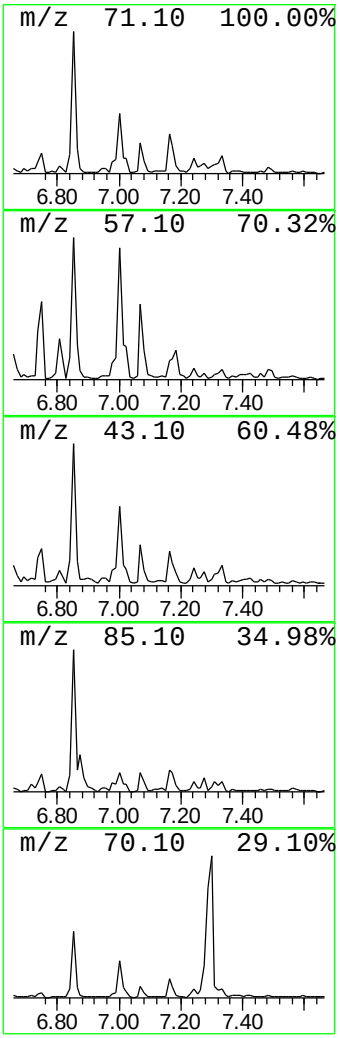
Peak Number 11 Octane, 6-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	5.68 ng	472498	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4	Decane, 4-methyl-	156	C11H24	002847-72-5	64
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64





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Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

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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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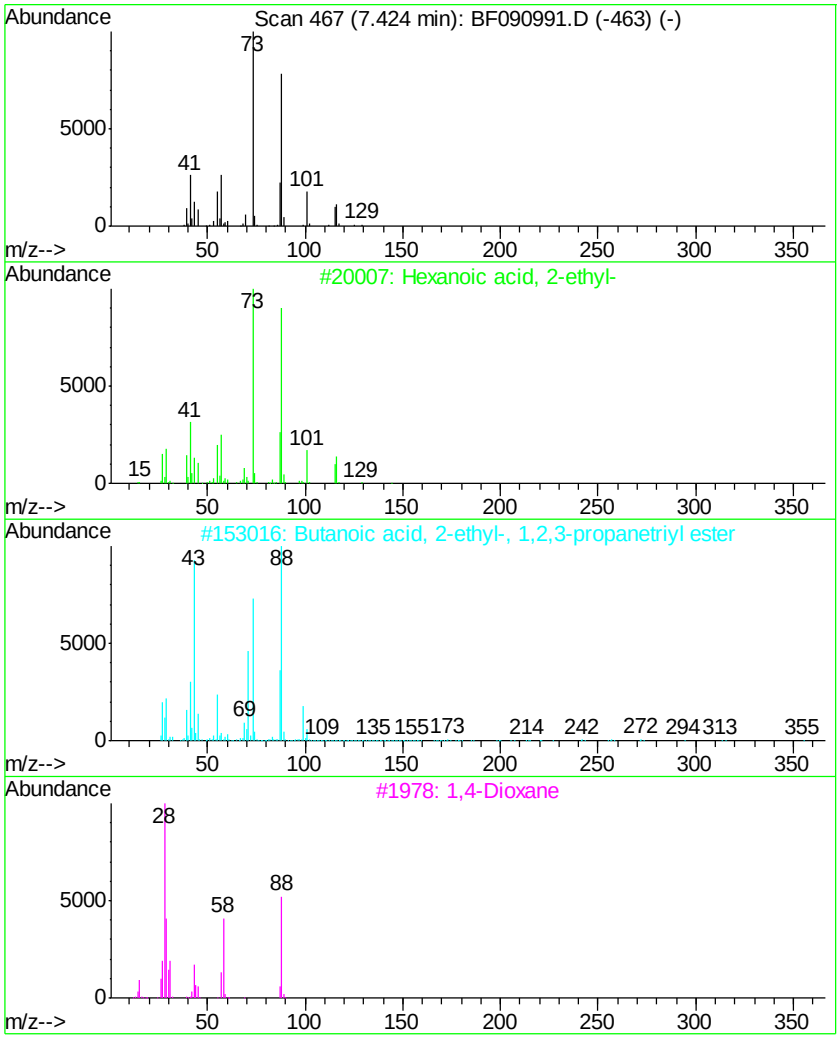
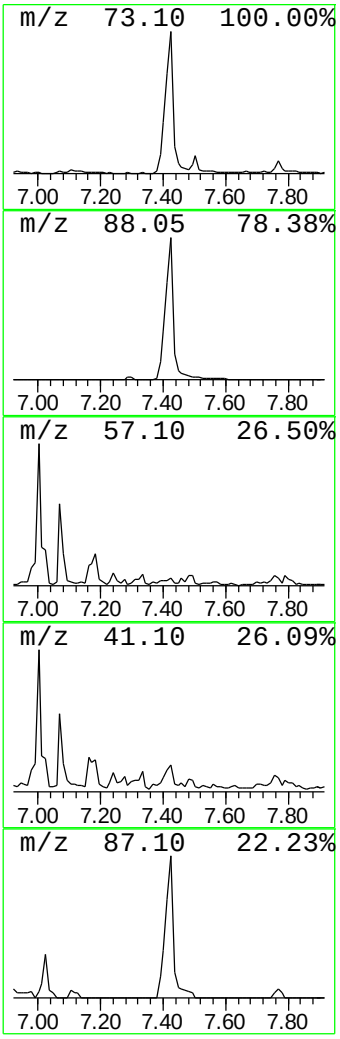
Peak Number 12 Hexanoic acid, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	3.48 ng	309057	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	37
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	28
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	23





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Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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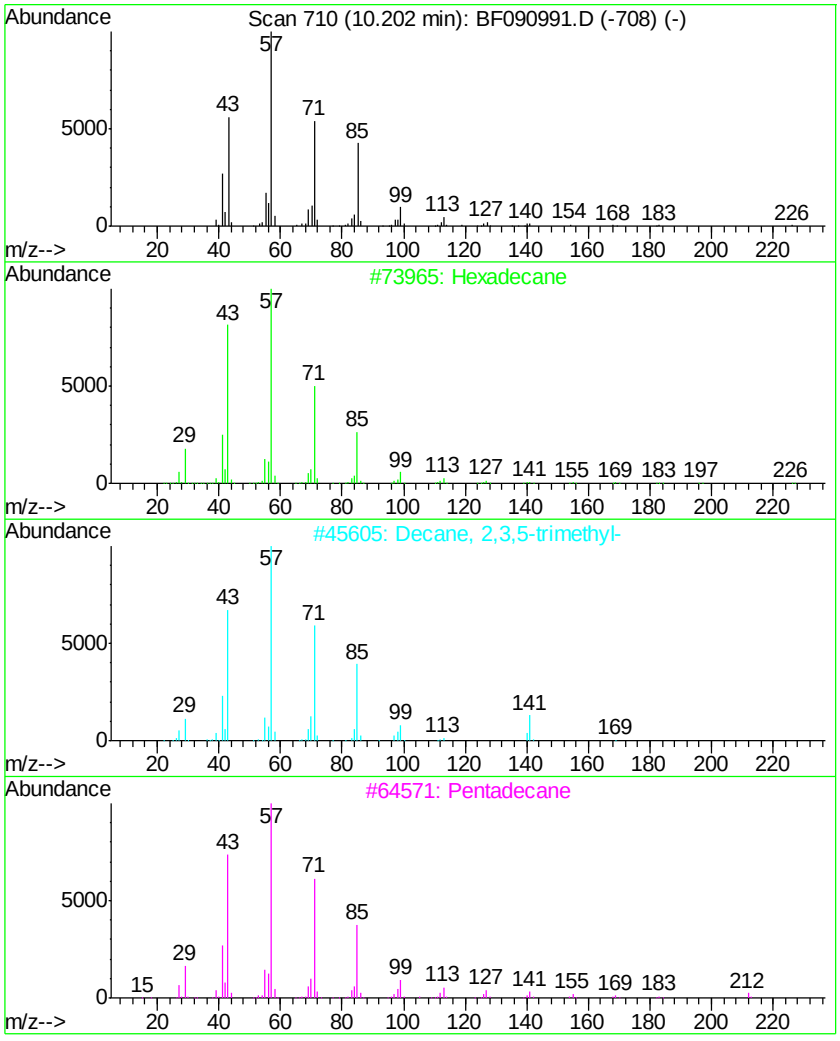
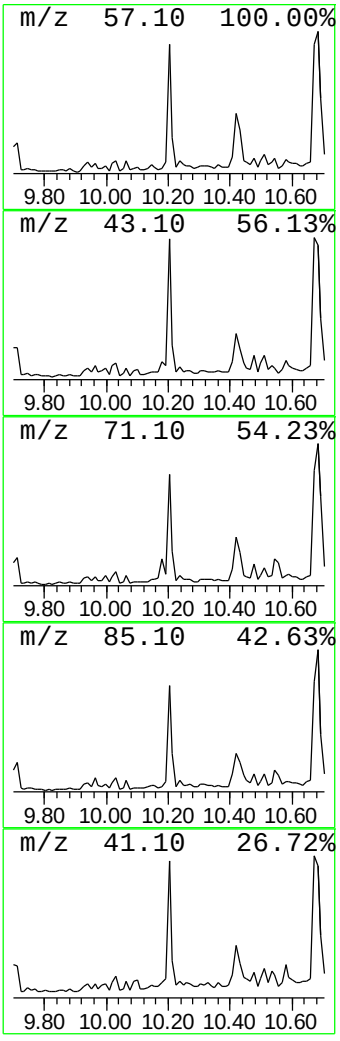
Peak Number 13 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	5.27 ng	379680	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heptadecane	240	C17H36	000629-78-7	83





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Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

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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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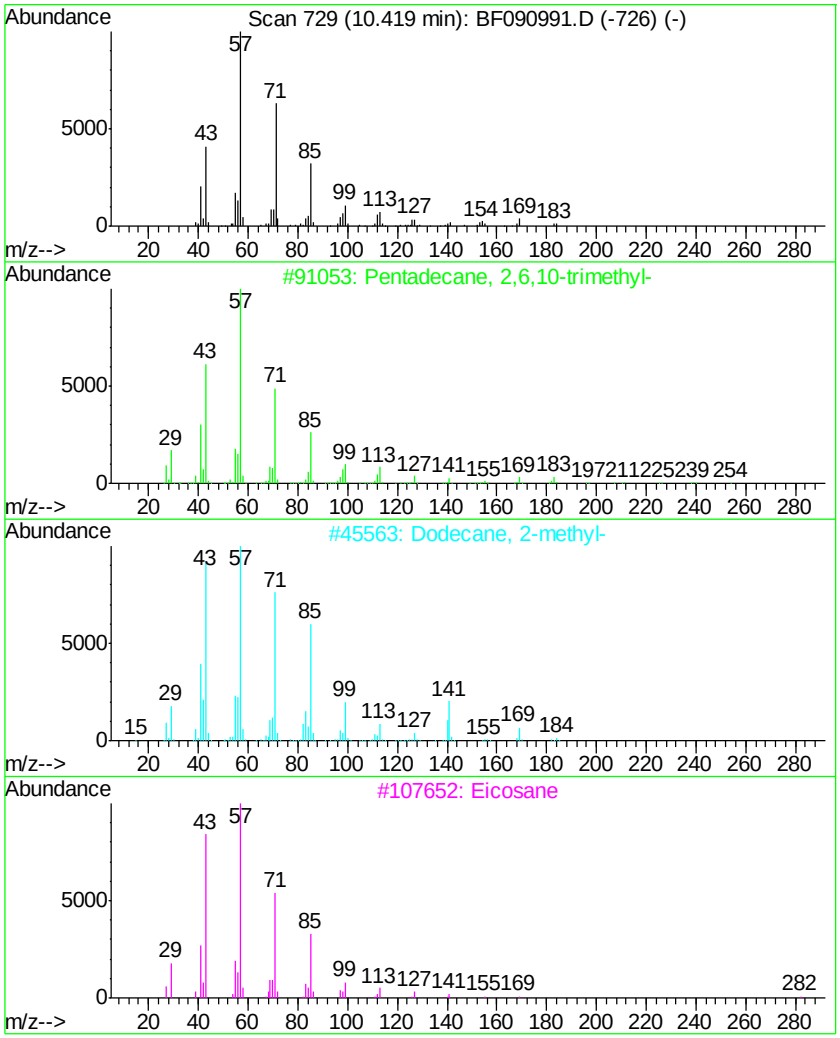
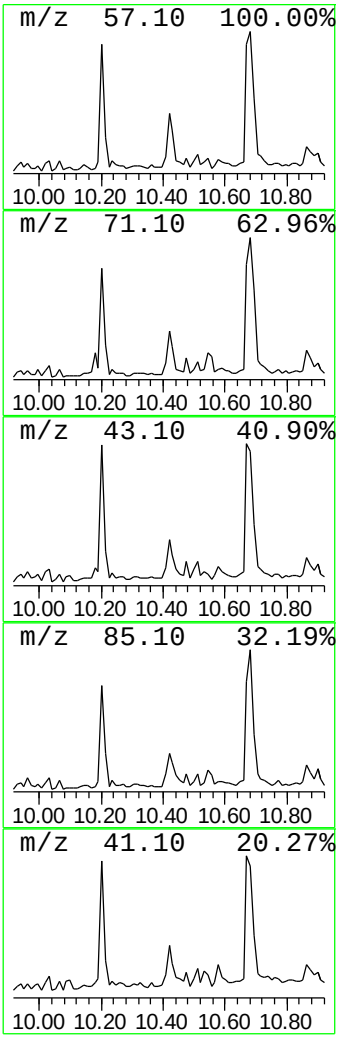
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.99 ng	287387	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Eicosane	282	C20H42	000112-95-8	86
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Sample : H5509-05
Misc :
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ClientSampleId : SB-93-0.5-1.5

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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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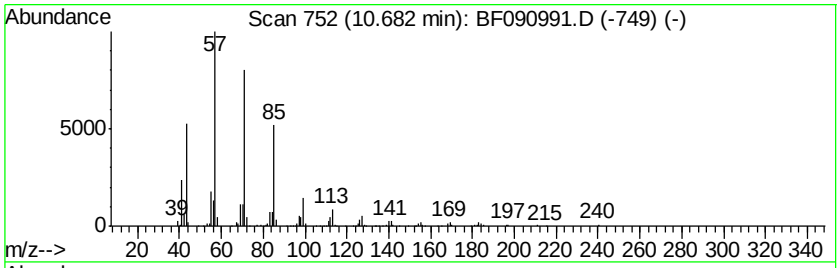
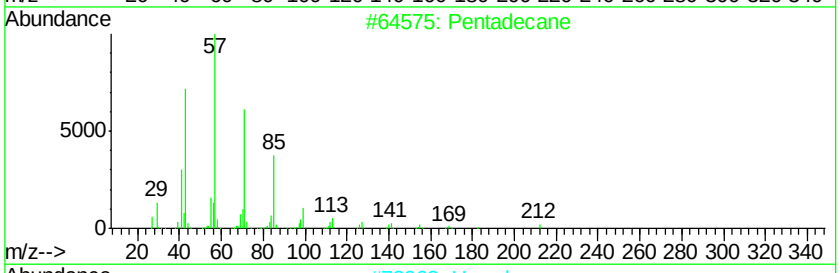
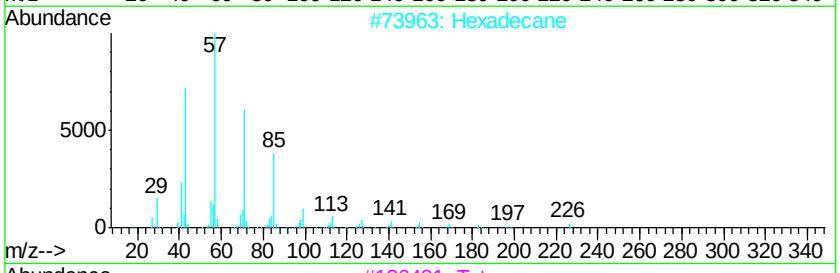
Peak Number 15 Pentadecane Concentration Rank 6

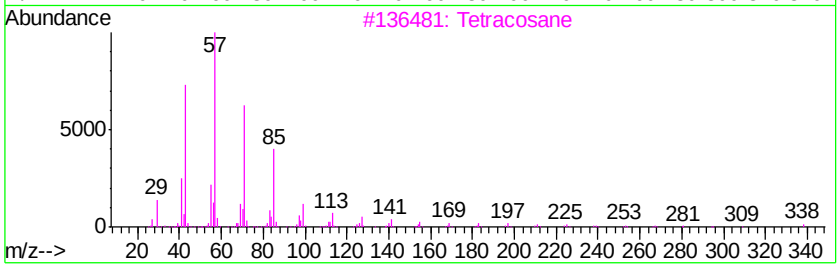
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	12.74 ng	831311	Phenanthrene-d10	11.24

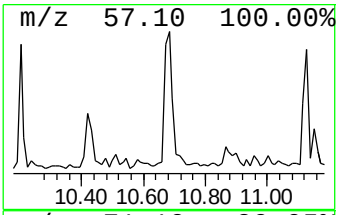
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	90

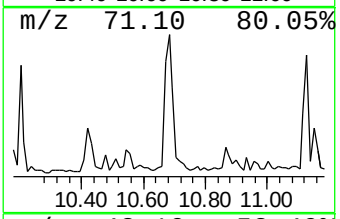


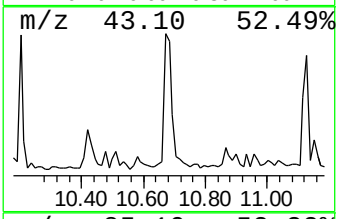


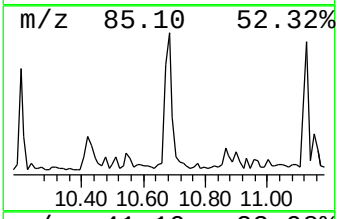


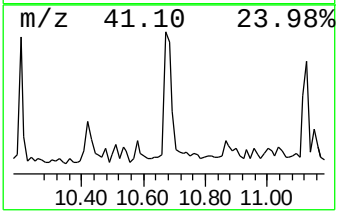












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Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

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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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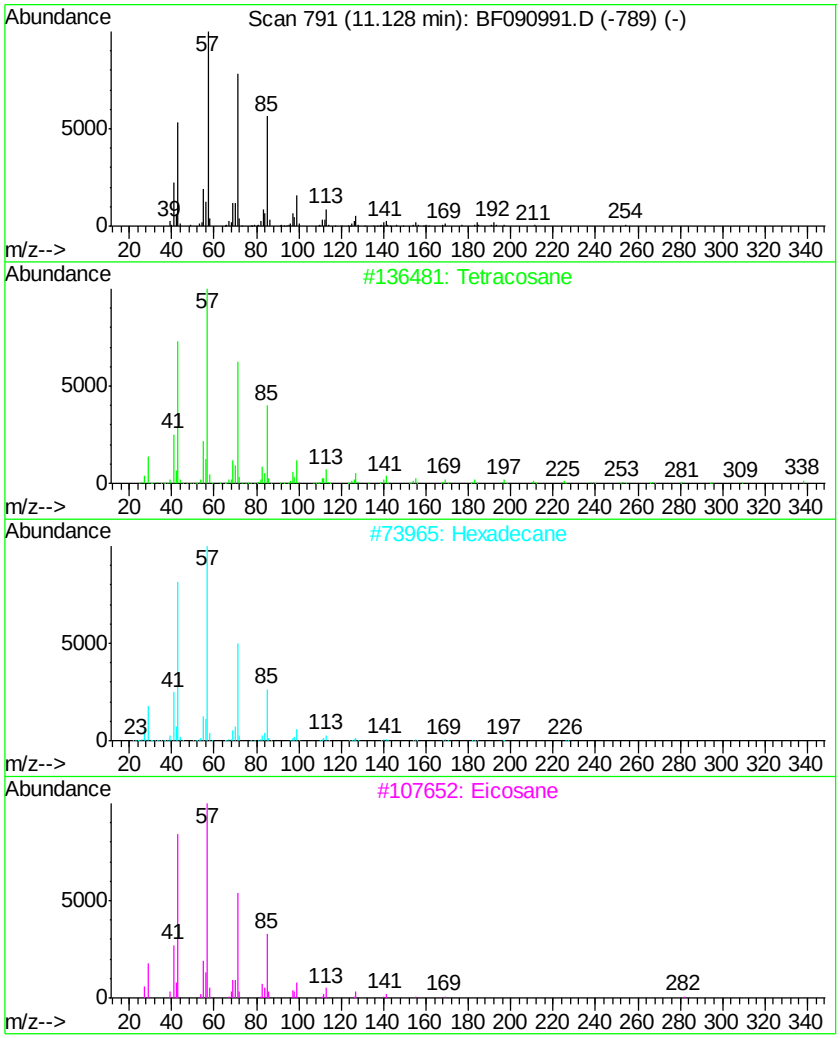
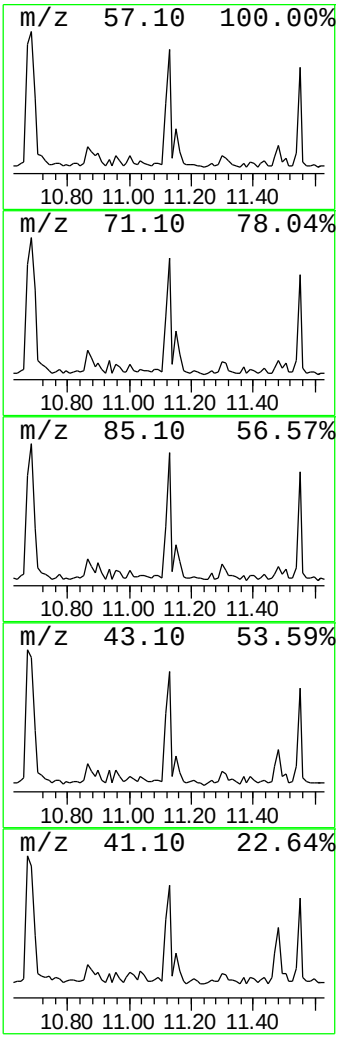
Peak Number 16 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.63 ng	497889	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	80
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	78
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76





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ClientSampleId : SB-93-0.5-1.5

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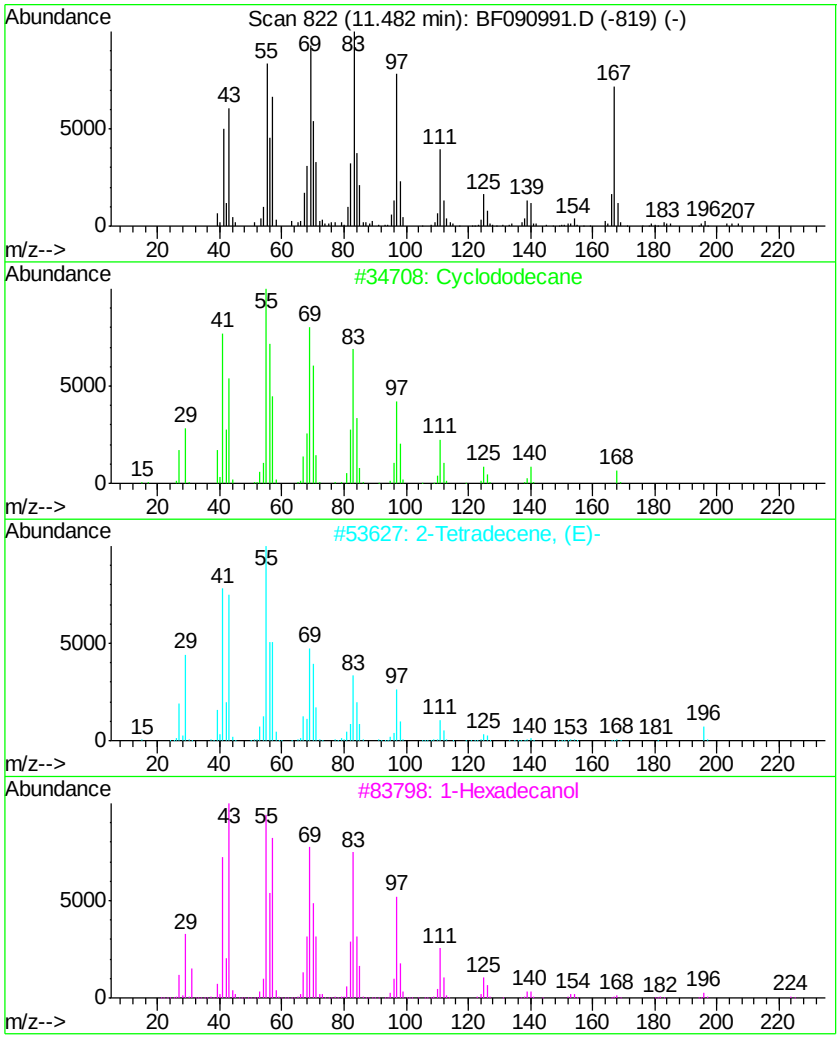
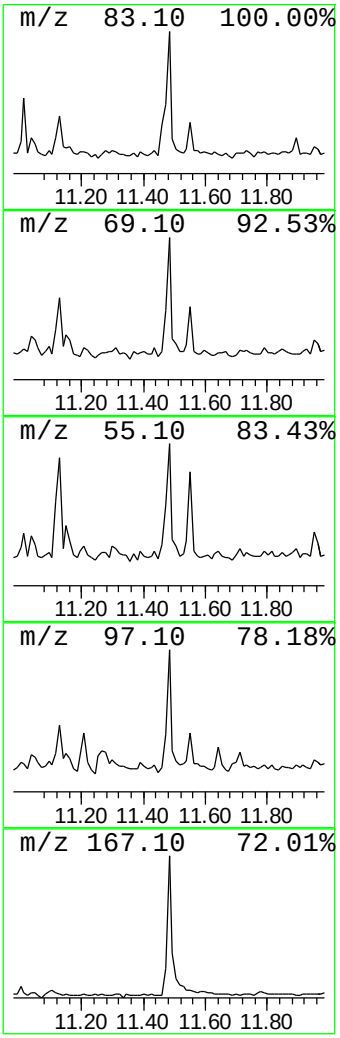
Peak Number 17 Cyclododecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	6.27 ng	409093	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	95
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
5	1-Pentadecanol	228	C15H32O	000629-76-5	87





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Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

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TIC Library : C:\DATABASE\NIST02.L
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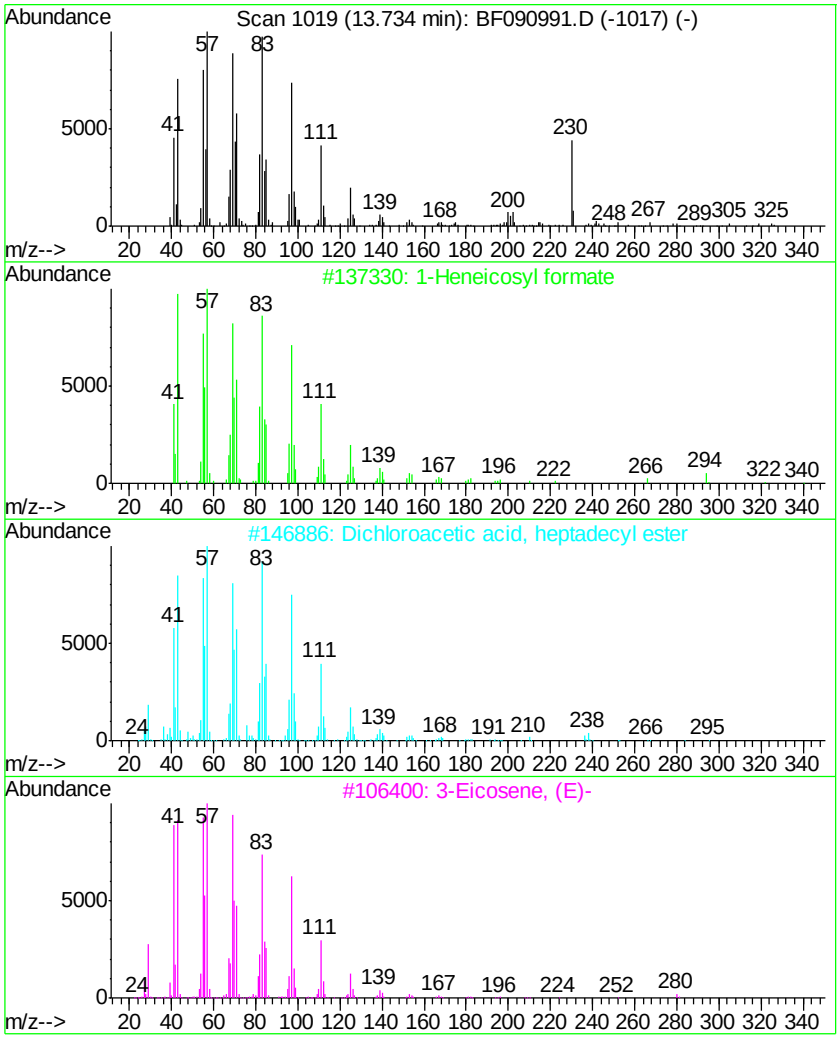
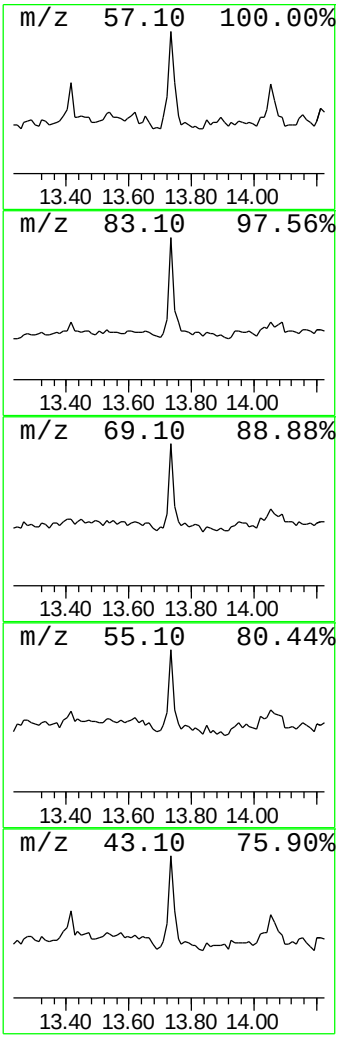
Peak Number 19 1-Heneicosyl formate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.90 ng	320561	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90





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

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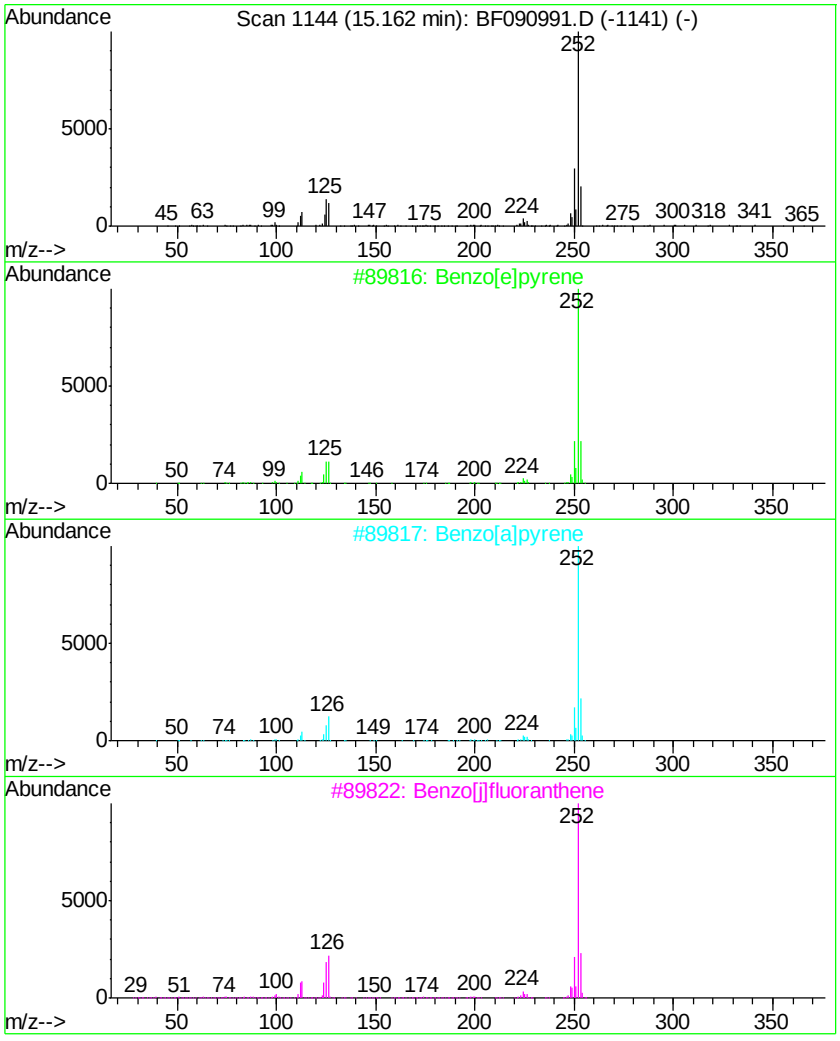
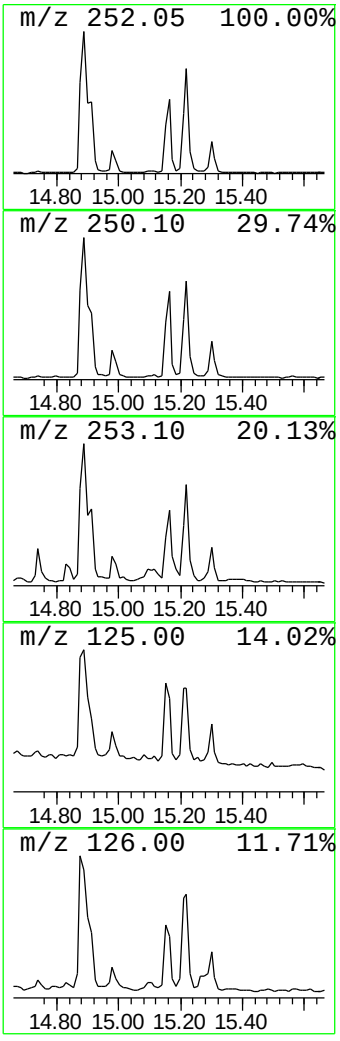
Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.82 ng	190177	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090991.D
Acq On : 2 Nov 2016 20:29
Operator : UM/SJ
Sample : H5509-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-93-0.5-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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
2-Pentanone, 4-hy...	4.89	17.8	ng	1480760	1	6.72	1662420	20.0
Ethanol, 2-butoxy-	5.65	5.9	ng	490419	1	6.72	1662420	20.0
Octane, 2,5,6-tri...	6.21	4.9	ng	406795	1	6.72	1662420	20.0
Benzene, 1,2,3-tr...	6.32	4.0	ng	330080	1	6.72	1662420	20.0
unknown6.50	6.50	83.7	ng	6957150	1	6.72	1662420	20.0
2-Propanol, 1-[1-...	6.66	4.9	ng	410255	1	6.72	1662420	20.0
Hexane, 2,2,5-tri...	7.00	15.7	ng	1304740	1	6.72	1662420	20.0
Dodecane, 3-methyl-	7.07	6.6	ng	551396	1	6.72	1662420	20.0
Octane, 6-ethyl-2...	7.16	5.7	ng	472498	1	6.72	1662420	20.0
Hexanoic acid, 2-...	7.42	3.5	ng	309057	2	8.01	1774480	20.0
Hexadecane	10.20	5.3	ng	379680	3	9.77	1440560	20.0
Pentadecane, 2,6,...	10.42	4.0	ng	287387	3	9.77	1440560	20.0
Pentadecane	10.68	12.7	ng	831311	4	11.24	1304720	20.0
Tetracosane	11.13	7.6	ng	497889	4	11.24	1304720	20.0
Cyclododecane	11.48	6.3	ng	409093	4	11.24	1304720	20.0
1-Heneicosyl formate	13.73	3.9	ng	320561	5	13.88	1643750	20.0
Benzo[e]pyrene	15.16	3.8	ng	190177	6	15.28	996214	20.0