LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090983.D
Acq On : 2 Nov 2016 16:51
Operator : UM/SJ
Sample : H5509-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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	2.167	3	7	15	rVB	1204205	1862234	30.17%	2.861%
2	2.590	41	44	50	rVB2	67560	157370	2.55%	0.242%
3	4.876	242	244	250	rBV	427125	698078	11.31%	1.072%
4	5.322	280	283	285	rBV	3785667	4061040	65.80%	6.238%
5	5.653	310	312	319	rVB	48474	63073	1.02%	0.097%
6	6.373	372	375	377	rBV	2254990	2935781	47.57%	4.510%
7	6.499	383	386	388	rBV	4261494	6084756	98.59%	9.347%
8	6.544	388	390	394	rVB	79966	150632	2.44%	0.231%
9	6.716	403	405	408	rBV	801568	973278	15.77%	1.495%
10	6.876	416	419	422	rBV	4381502	4947113	80.16%	7.600%
11	7.127	438	441	450	rVB6	37981	129626	2.10%	0.199%
12	7.299	452	456	458	rBV	2748784	4112587	66.64%	6.318%
13	7.779	495	498	500	rBV2	55729	105467	1.71%	0.162%
14	8.008	516	518	522	rBV	1081155	1066581	17.28%	1.638%
15	8.088	522	525	526	rVV	66122	95620	1.55%	0.147%
16	8.133	526	529	531	rVB3	36070	74033	1.20%	0.114%
17	8.305	541	544	546	rBV	72503	136779	2.22%	0.210%
18	8.385	548	551	554	rVV3	120384	267483	4.33%	0.411%
19	8.442	554	556	561	rVB	188612	255457	4.14%	0.392%
20	8.613	569	571	573	rVV	188323	201731	3.27%	0.310%
21	8.670	573	576	577	rVV2	39236	89946	1.46%	0.138%
22	8.705	577	579	582	rVV2	66486	109452	1.77%	0.168%
23	8.819	586	589	592	rVB3	44726	84912	1.38%	0.130%
24	8.922	592	598	601	rBV4	93921	263430	4.27%	0.405%
25	9.048	605	609	610	rVB	106707	129617	2.10%	0.199%
26	9.093	610	613	615	rBV	5201540	5517646	89.40%	8.476%
27	9.173	618	620	625	rVV3	110265	189579	3.07%	0.291%
28	9.368	632	637	638	rBV2	36979	97342	1.58%	0.150%
29	9.425	641	642	646	rVV3	33016	69502	1.13%	0.107%
30	9.493	646	648	653	rVB2	156338	268712	4.35%	0.413%
31	9.585	654	656	658	rVB	241635	195578	3.17%	0.300%
32	9.711	662	667	668	rBV	125925	172857	2.80%	0.266%
33	9.768	668	672	675	rBV2	1498217	2410556	39.06%	3.703%
34	9.939	684	687	688	rBV2	72782	138062	2.24%	0.212%

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Sample : H5509-22
Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.962	688	689	691	rVV	115744	193745	3.14%	0.298%
36	10.031	694	695	697	rVB	154955	114810	1.86%	0.176%
37	10.099	697	701	703	rBV4	58180	129374	2.10%	0.199%
38	10.156	703	706	707	rBV2	75419	115440	1.87%	0.177%
39	10.202	707	710	712	rBV2	193709	304876	4.94%	0.468%
40	10.259	712	715	718	rVB4	80107	133482	2.16%	0.205%
41	10.305	718	719	723	rBV3	104193	252226	4.09%	0.387%
42	10.431	726	730	731	rBV	541032	725474	11.76%	1.114%
43	10.453	731	732	736	rVB4	83027	189982	3.08%	0.292%
44	10.556	738	741	743	rBV	3392501	3999998	64.81%	6.145%
45	10.591	743	744	747	rVB3	78825	84442	1.37%	0.130%
46	10.693	750	753	757	rBV	1058283	1764627	28.59%	2.711%
47	10.876	765	769	770	rBV3	131369	247474	4.01%	0.380%
48	10.934	773	774	775	rVB	129058	88534	1.43%	0.136%
49	11.014	779	781	783	rBV2	286469	435812	7.06%	0.669%
50	11.128	789	791	792	rBV	418281	403801	6.54%	0.620%
51	11.151	792	793	795	rVB	743100	842569	13.65%	1.294%
52	11.208	795	798	799	rBV2	115046	163987	2.66%	0.252%
53	11.242	799	801	811	rVB2	1542388	2688620	43.56%	4.130%
54	11.391	811	814	817	rBV3	115135	368972	5.98%	0.567%
55	11.505	822	824	826	rVV	234456	244871	3.97%	0.376%
56	11.551	826	828	830	rVB	283071	240921	3.90%	0.370%
57	11.711	840	842	847	rVB2	130646	255130	4.13%	0.392%
58	11.791	847	849	853	rVB2	609828	688316	11.15%	1.057%
59	11.848	853	854	857	rVB2	109252	145512	2.36%	0.224%
60	11.962	862	864	867	rVB	60352	83475	1.35%	0.128%
61	12.019	867	869	872	rBV2	122627	194010	3.14%	0.298%
62	12.111	875	877	879	rBV	86770	123395	2.00%	0.190%
63	12.191	882	884	886	rVB	88993	96977	1.57%	0.149%
64	12.259	889	890	892	rBV2	84382	167781	2.72%	0.258%
65	12.454	905	907	908	rBV	291721	292887	4.75%	0.450%
66	12.579	915	918	924	rVV	440181	723421	11.72%	1.111%
67	12.682	925	927	929	rVB	186107	233599	3.79%	0.359%
68	12.785	934	936	937	rBV	78974	76961	1.25%	0.118%
69	12.842	937	941	942	rBV	4722093	6171528	100.00%	9.481%
70	12.865	942	943	944	rVB	113140	78473	1.27%	0.121%
71	13.334	982	984	987	rVB2	115678	199810	3.24%	0.307%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.379	987	988	990	rBV	159014	253549	4.11%	0.389%
73	13.539	997	1002	1004	rBV2	224049	826534	13.39%	1.270%
74	13.882	1029	1032	1034	rBV	968106	1044264	16.92%	1.604%
75	14.602	1093	1095	1097	rBV	295342	503882	8.16%	0.774%
76	15.277	1152	1154	1161	rVB	709291	1087153	17.62%	1.670%

Sum of corrected areas: 65096604

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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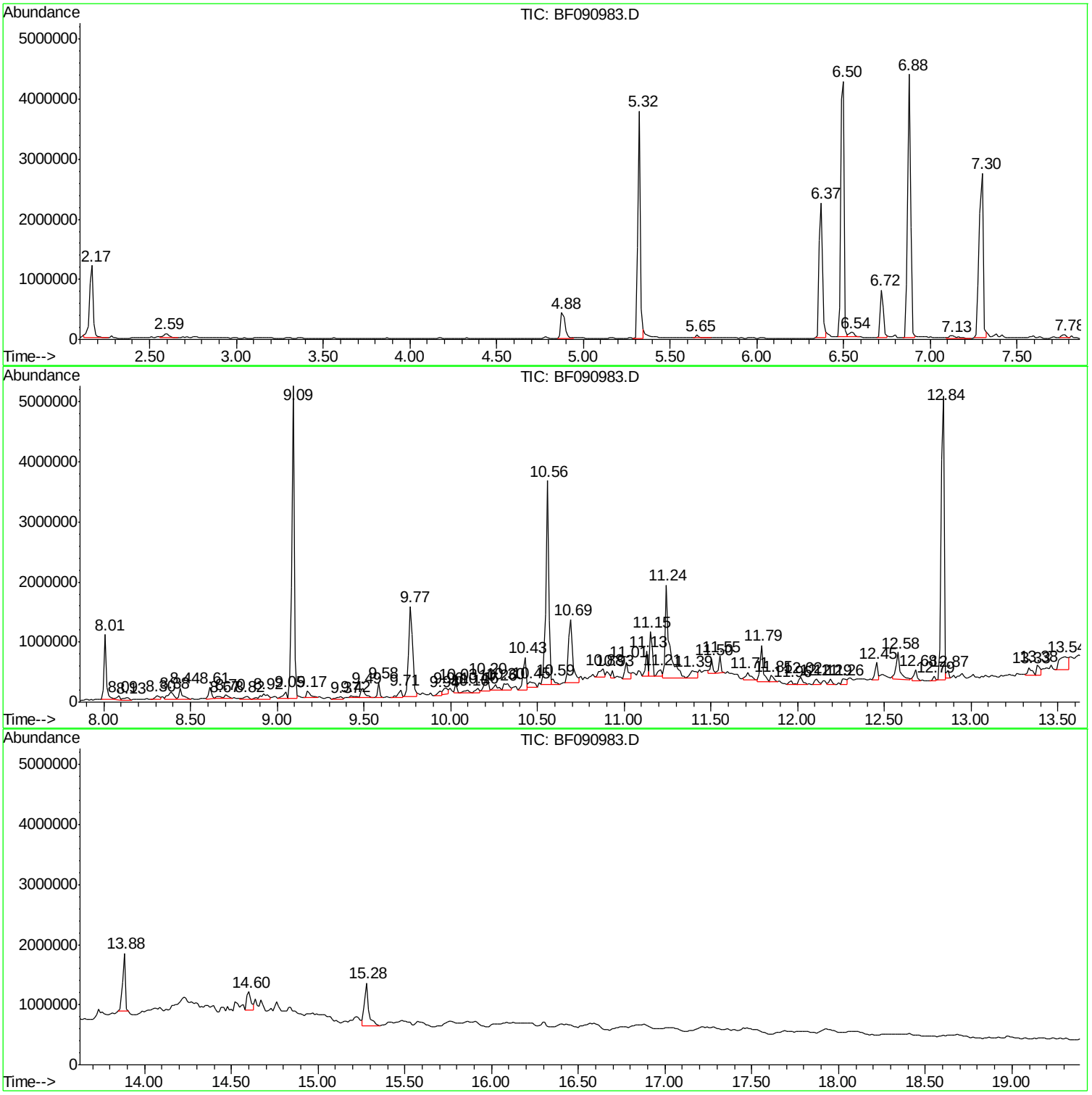
Operator : UM/SJ
Sample : H5509-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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 : BF090983.D
Acq On : 2 Nov 2016 16:51
Operator : UM/SJ
Sample : H5509-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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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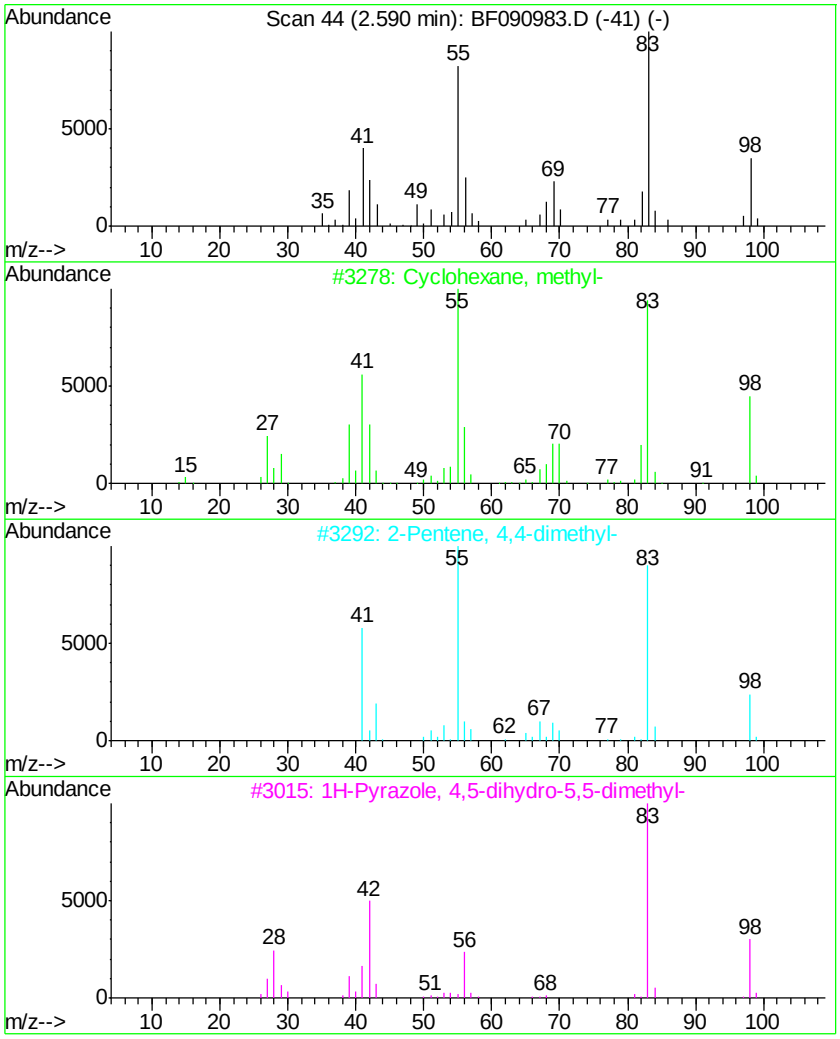
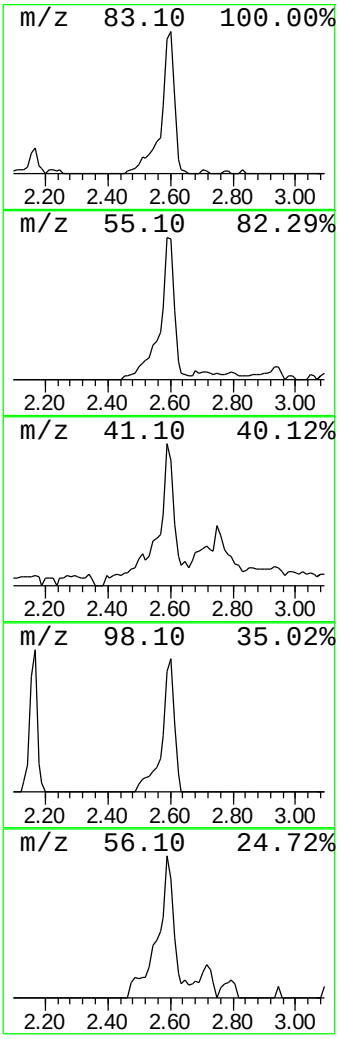
Peak Number 2 Cyclohexane, methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	3.23 ng	157370	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	93
2	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	64
3	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	64
4	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64
5	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Operator : UM/SJ
Sample : H5509-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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

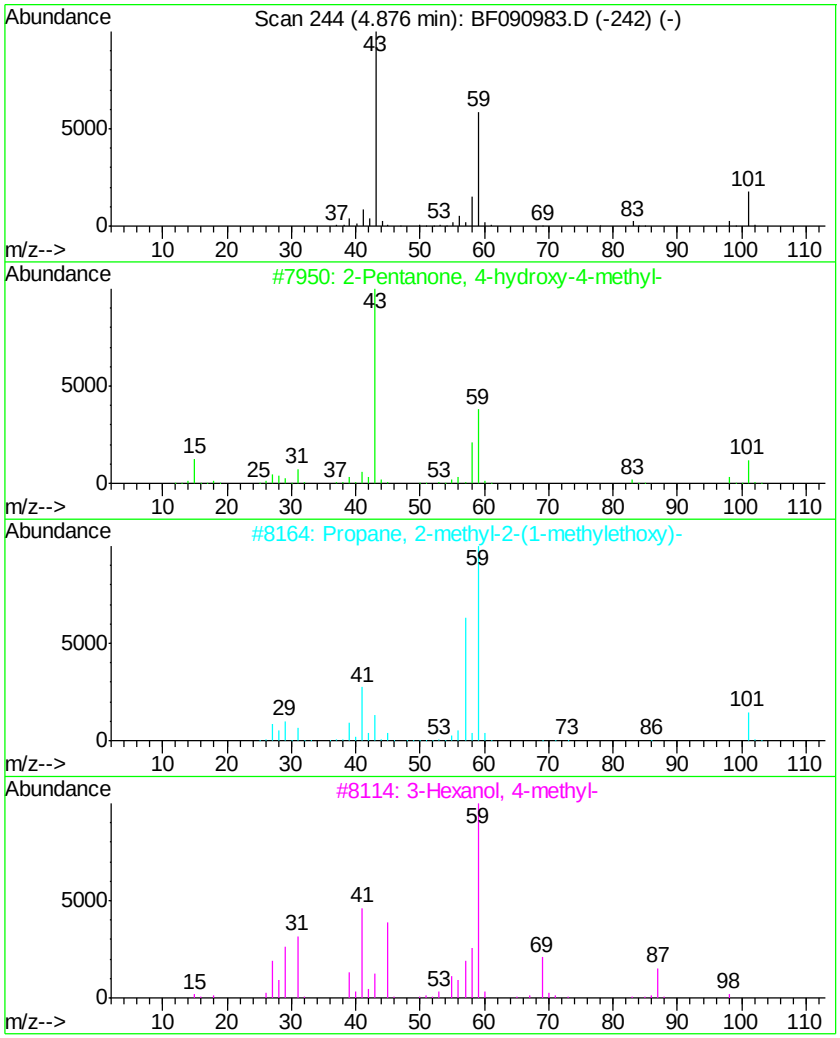
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

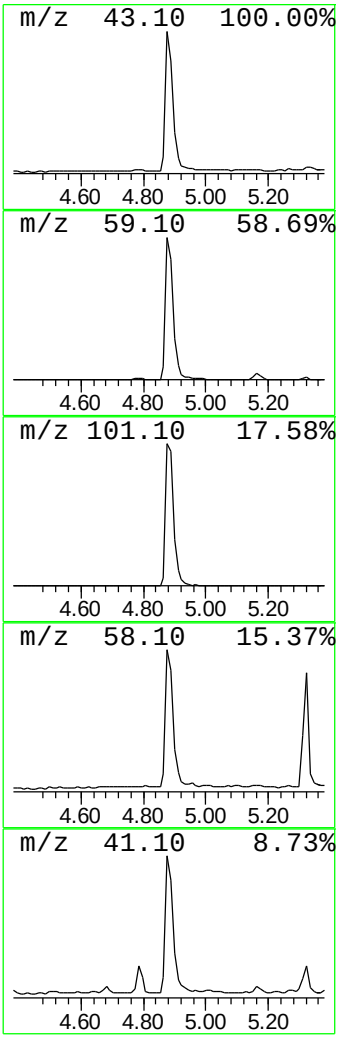
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	14.34 ng	698078	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	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : H5509-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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

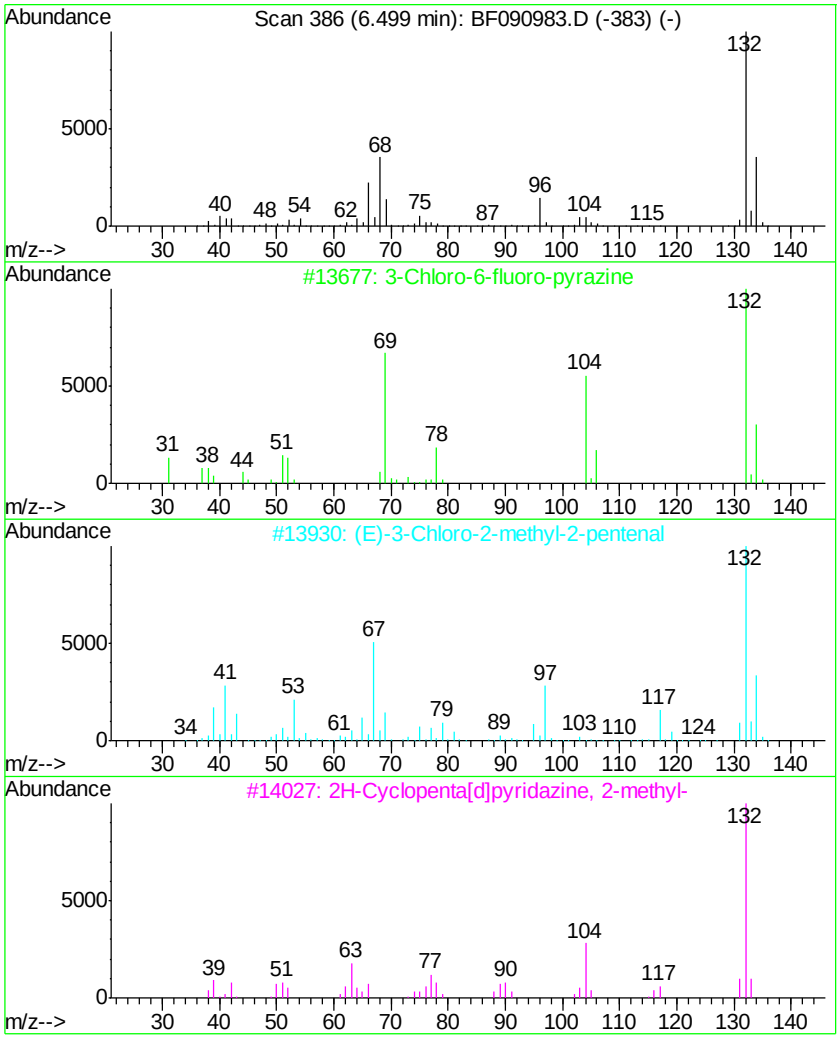
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

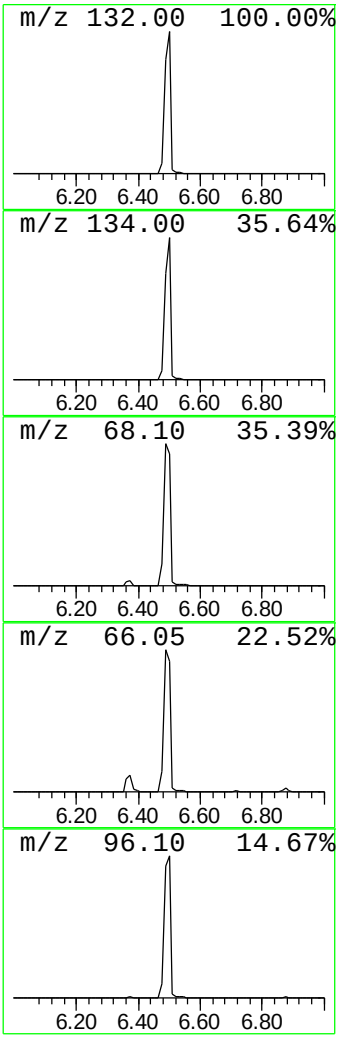
****

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	125.04 ng	6084760	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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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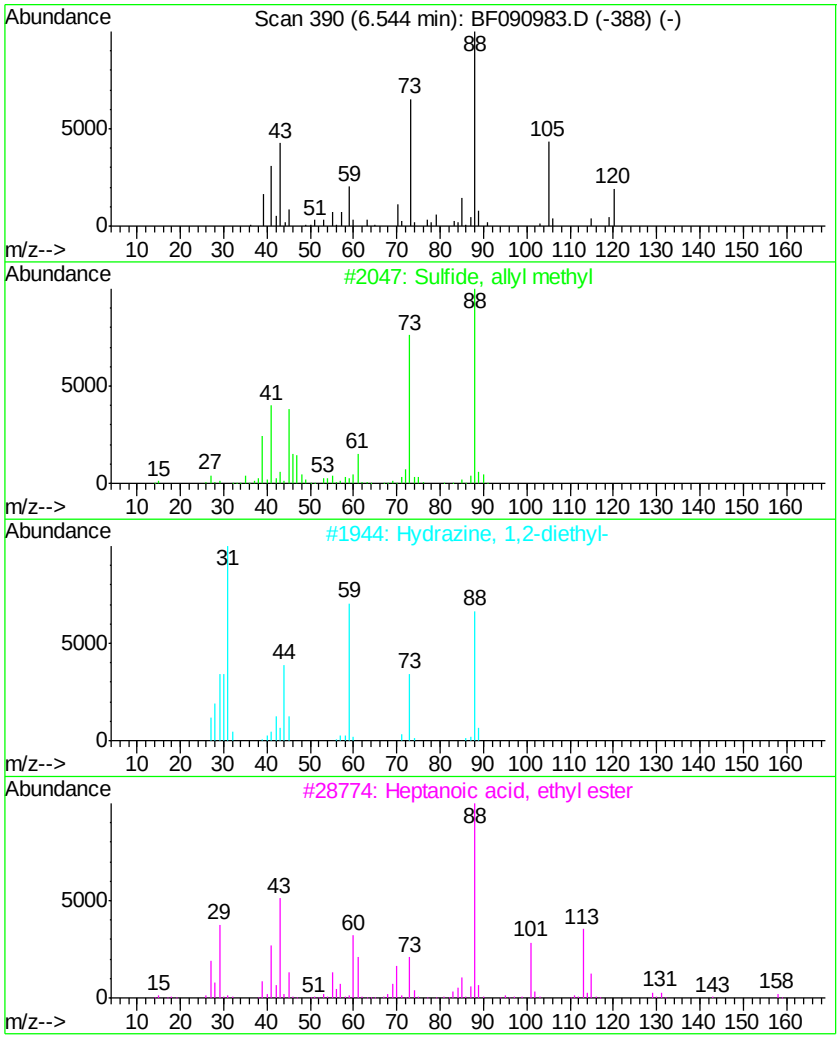
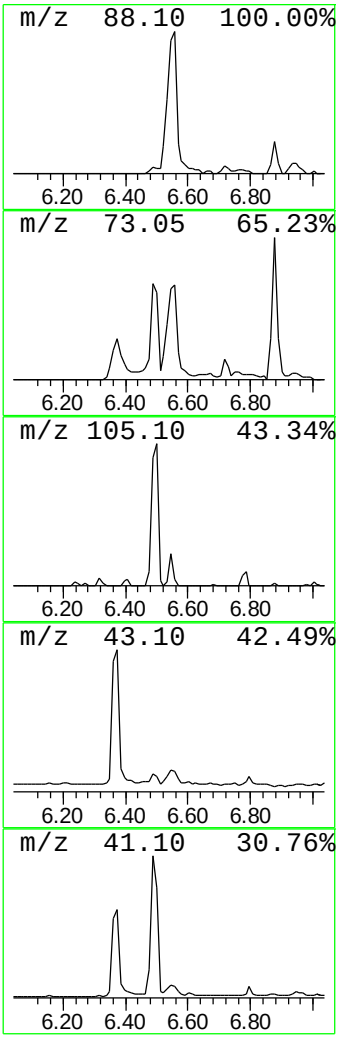
Peak Number 5 unknown6.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	3.10 ng	150632	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, allyl methyl	88	C4H8S	010152-76-8	47
2	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	37
3	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	33
4	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	33
5	O1-Benzylaspartic acid	223	C11H13NO4	1000130-75-0	32





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Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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

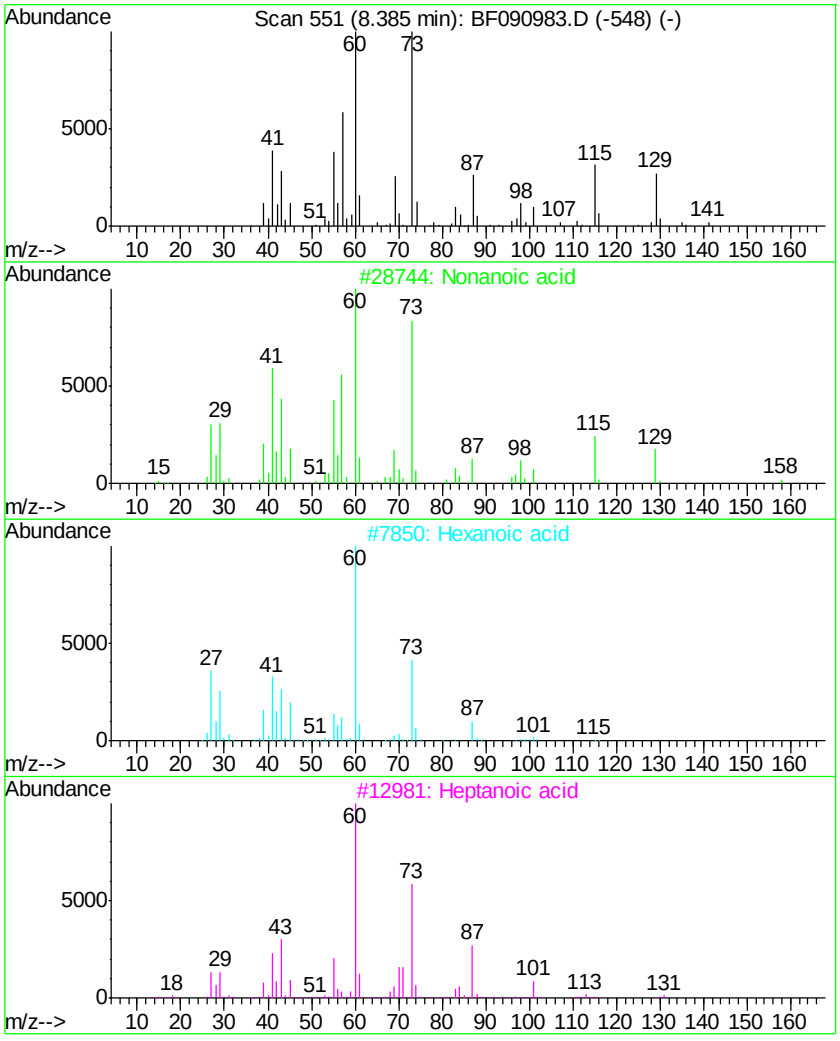
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

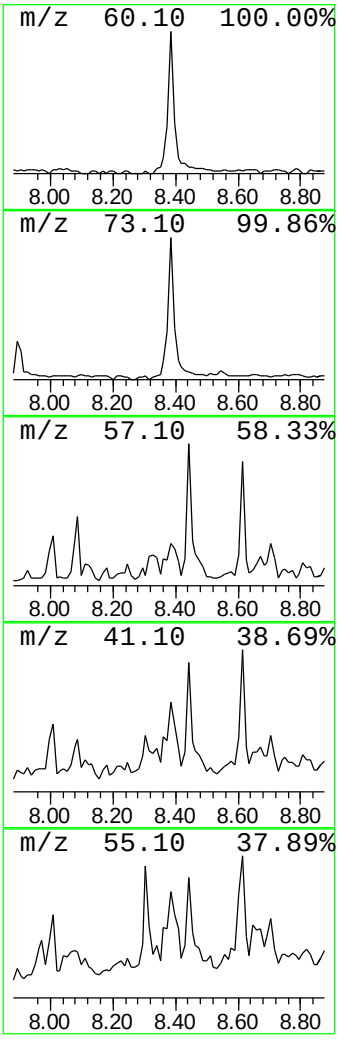
****

Peak Number 7 Nonanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	5.02 ng	267483	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	64
2	Hexanoic acid	116	C6H12O2	000142-62-1	50
3	Heptanoic acid	130	C7H14O2	000111-14-8	40
4	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	25
5	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	25





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Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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

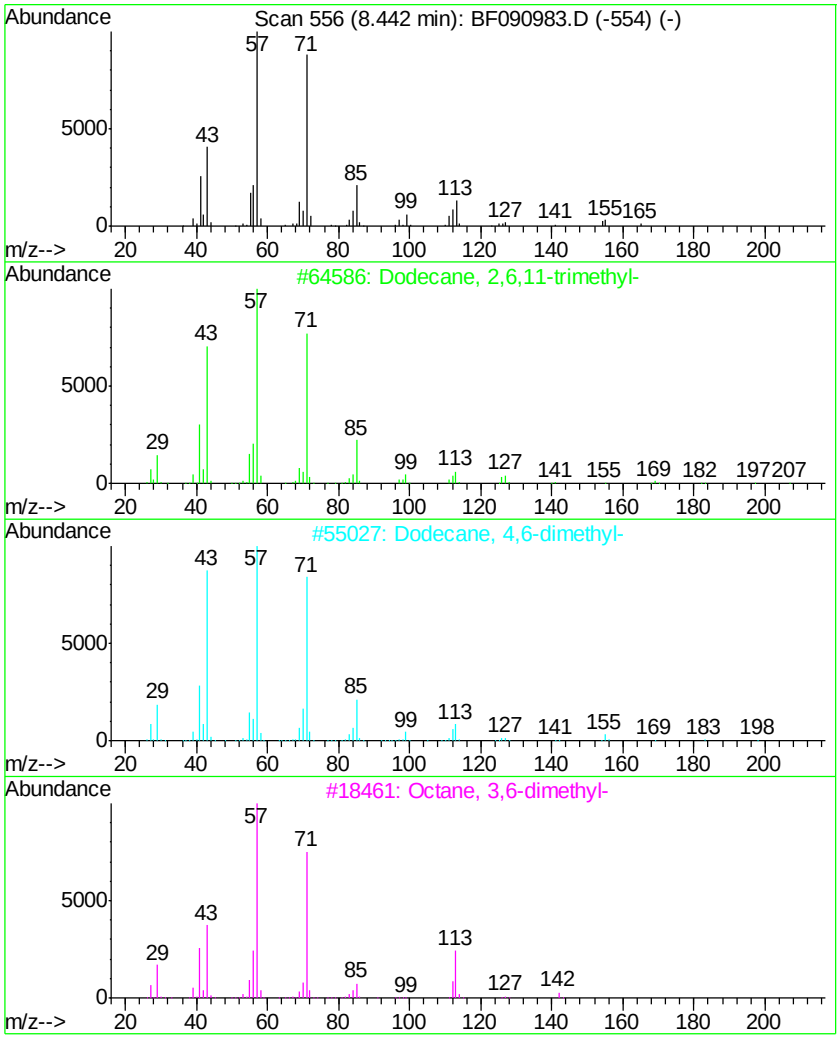
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

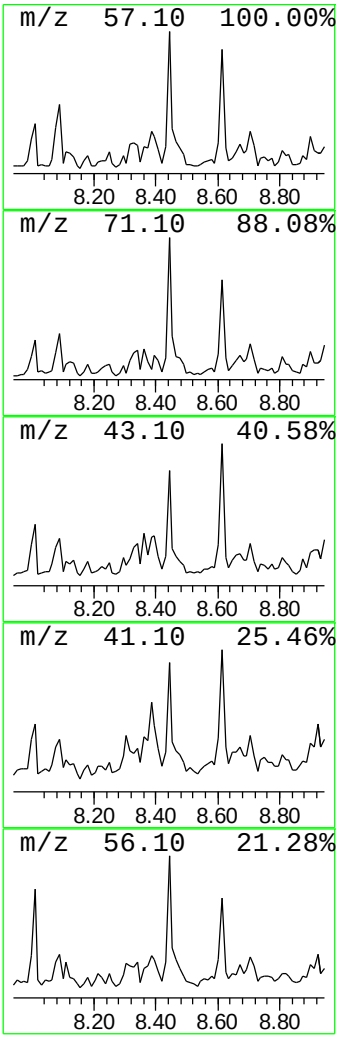
****

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	4.79 ng	255457	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59





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Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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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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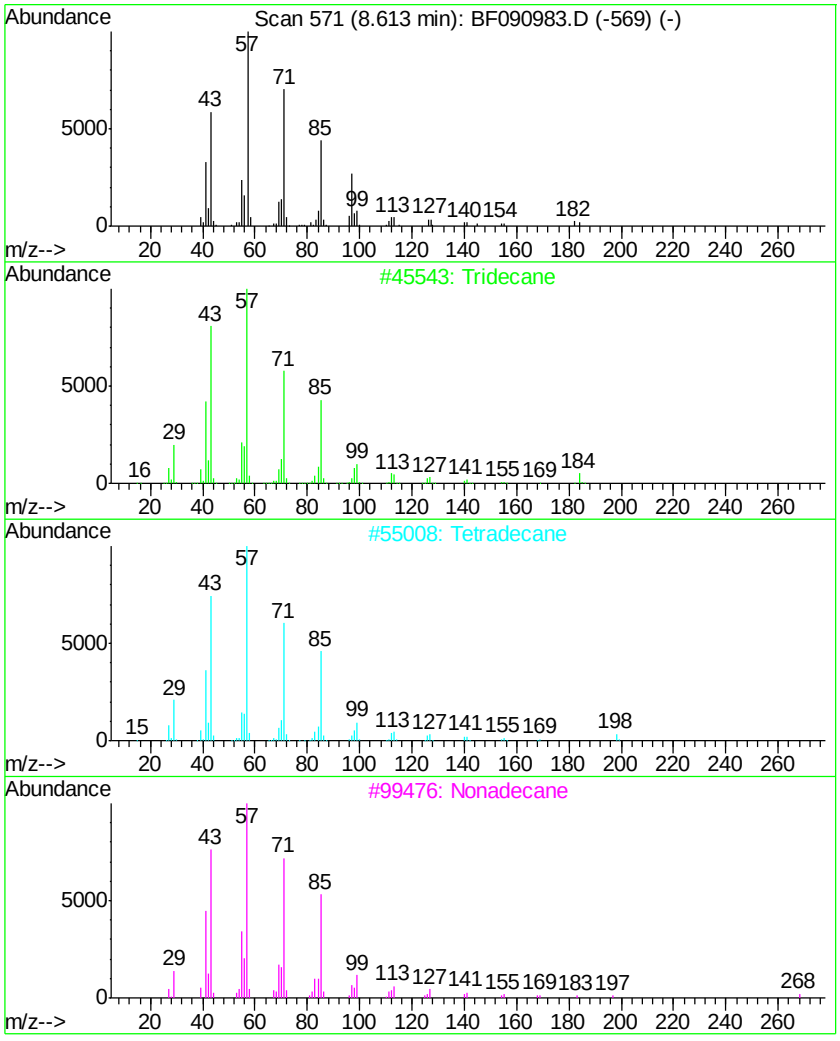
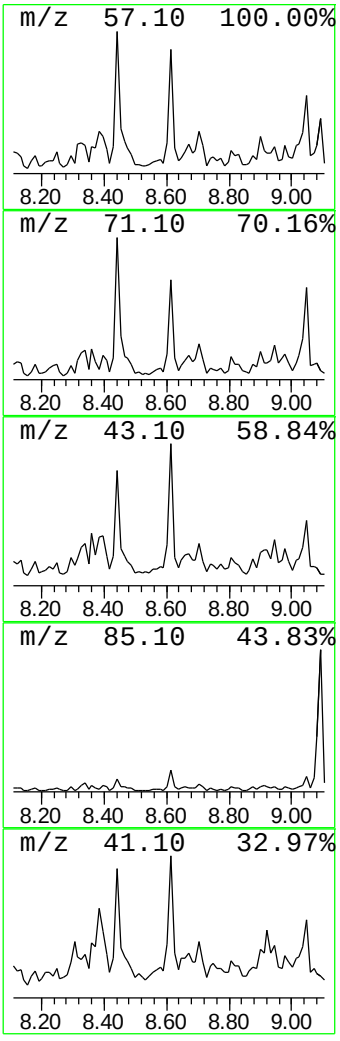
Peak Number 9 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	3.78 ng	201731	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Tetradecane	198	C14H30	000629-59-4	72
3	Nonadecane	268	C19H40	000629-92-5	68
4	Pentadecane	212	C15H32	000629-62-9	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Acq On : 2 Nov 2016 16:51
Operator : UM/SJ
Sample : H5509-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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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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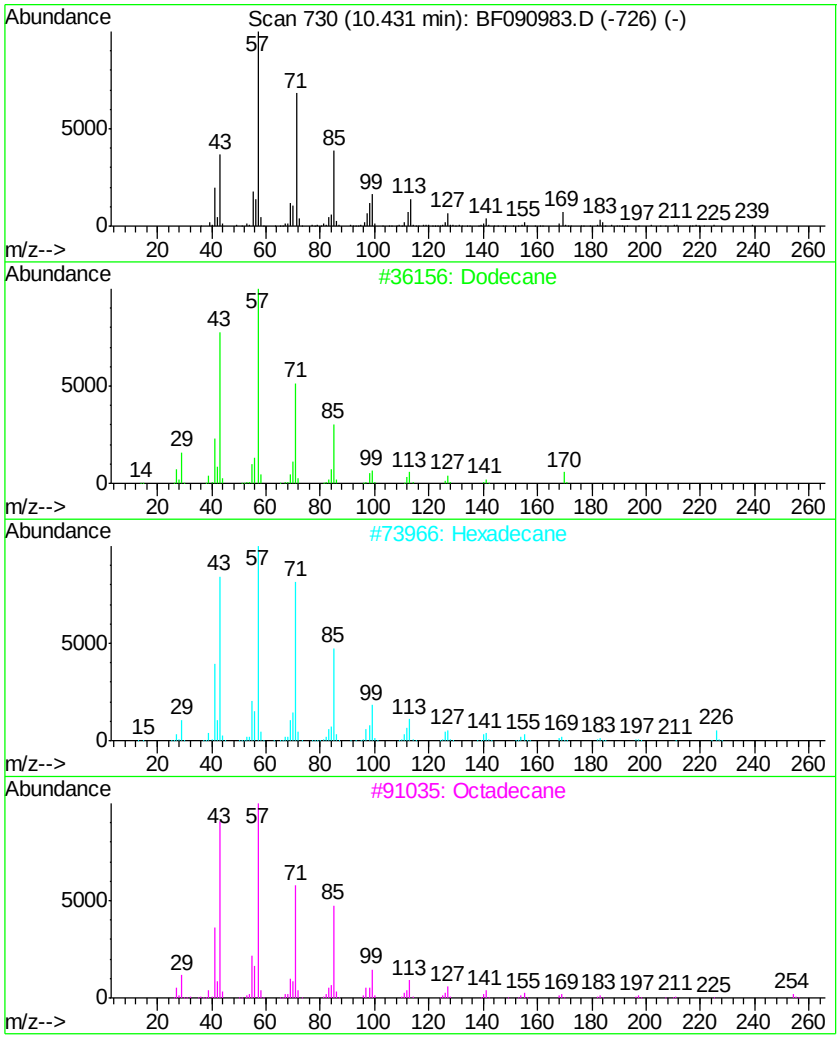
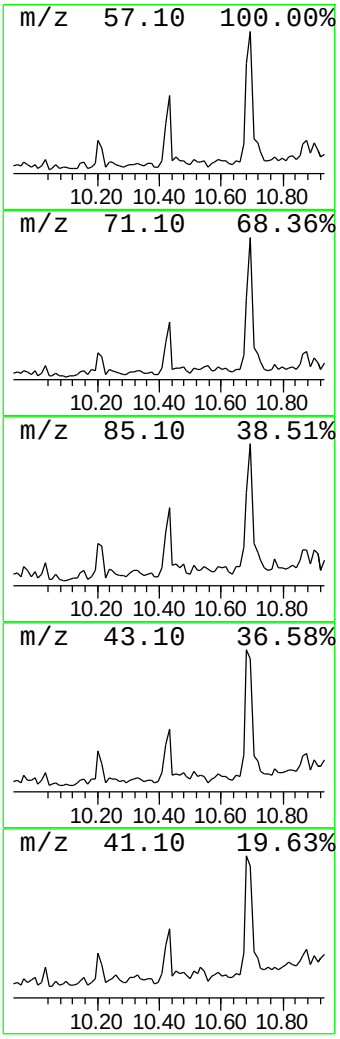
Peak Number 10 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	6.02 ng	725474	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Octadecane	254	C18H38	000593-45-3	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Tetracosane	338	C24H50	000646-31-1	86





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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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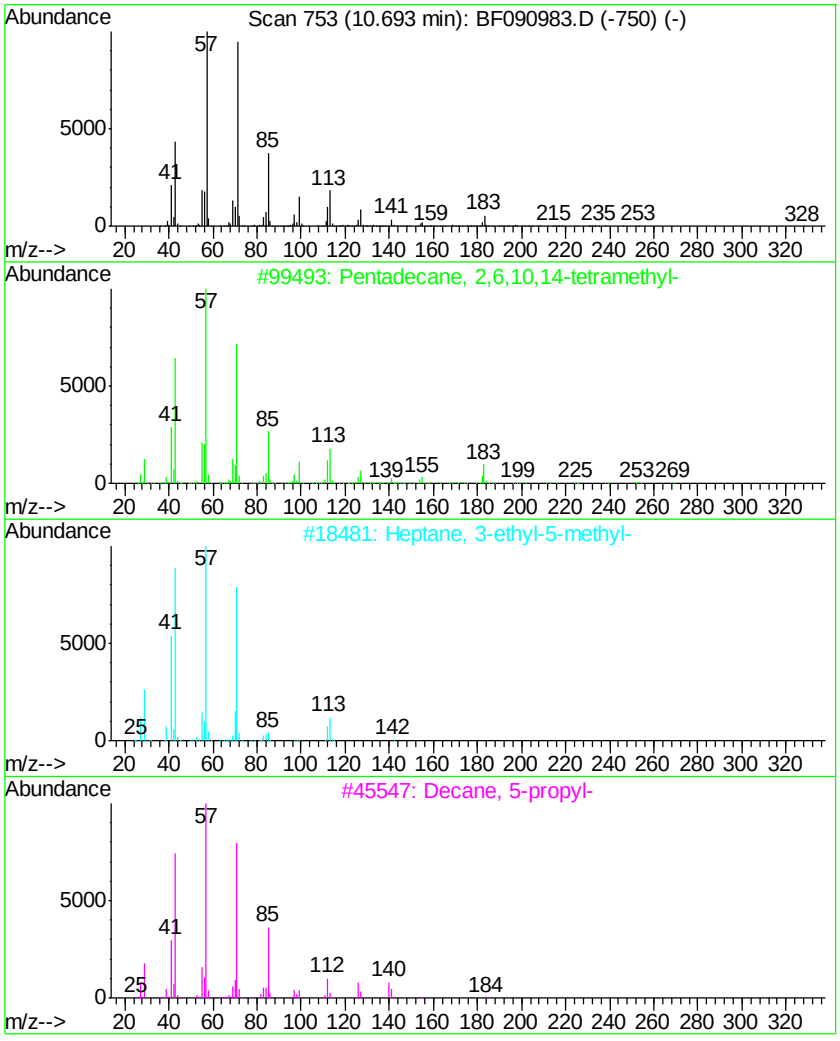
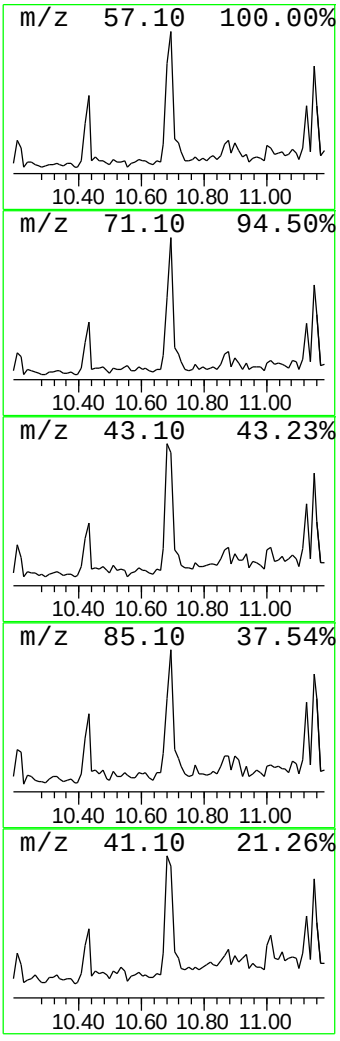
Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	13.13 ng	1764630	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	76
3	Decane, 5-propyl-	184	C13H28	017312-62-8	74
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	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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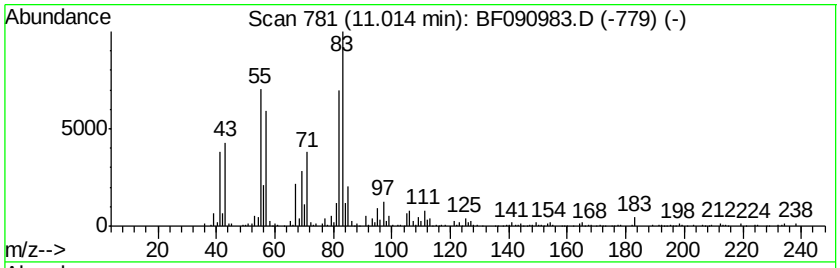
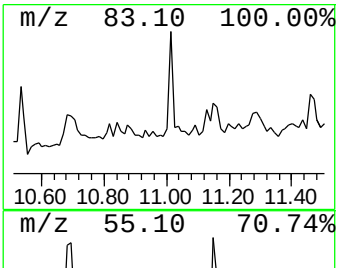
Peak Number 12 Cyclohexane, (4-methylpentyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.24 ng	435812	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	50
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47





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ClientSampleId : GW-92-9.95-23.0

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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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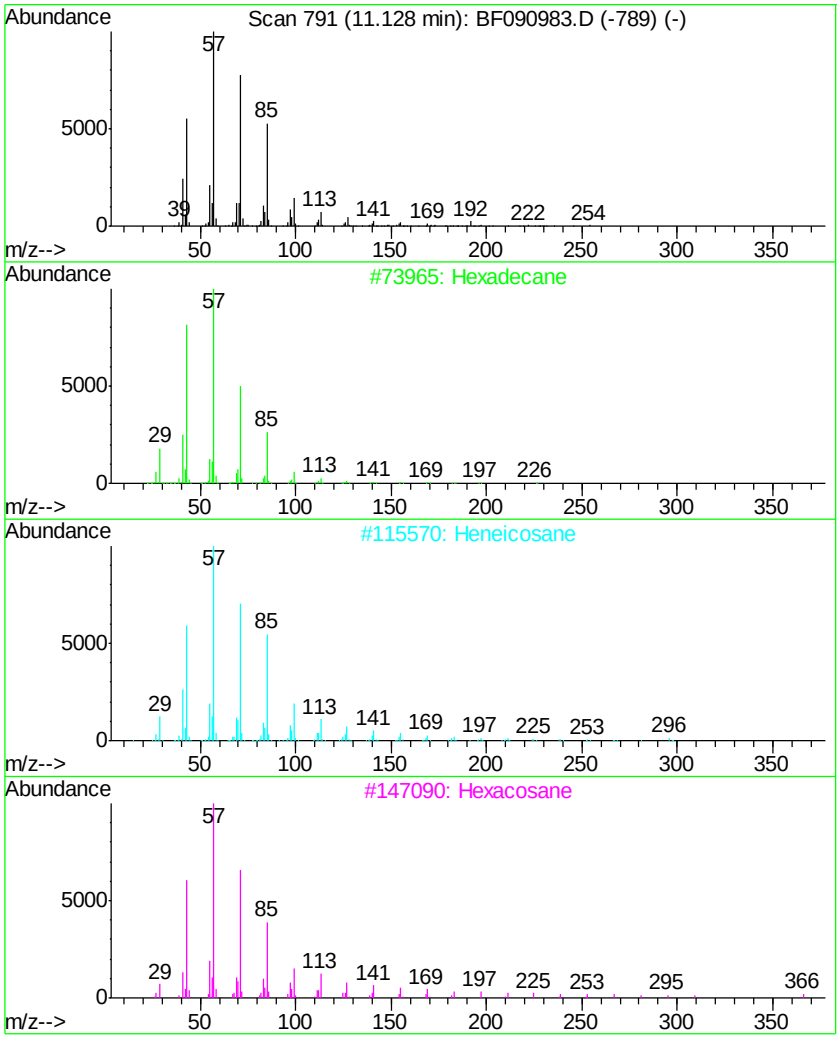
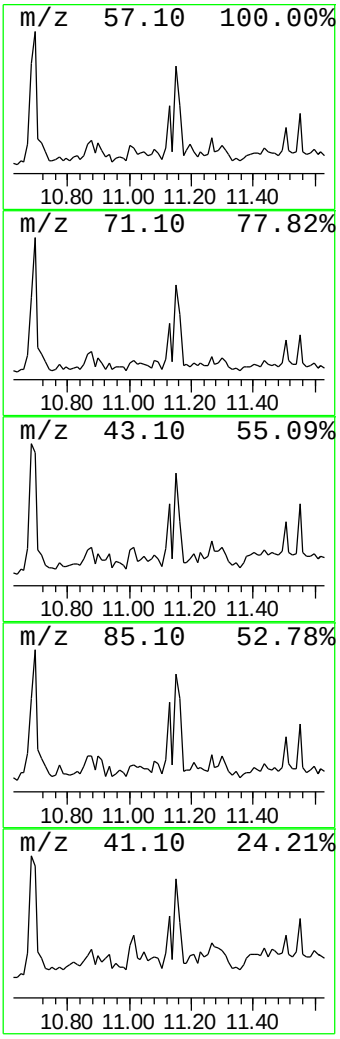
Peak Number 13 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	3.00 ng	403801	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	Eicosane	282	C20H42	000112-95-8	80





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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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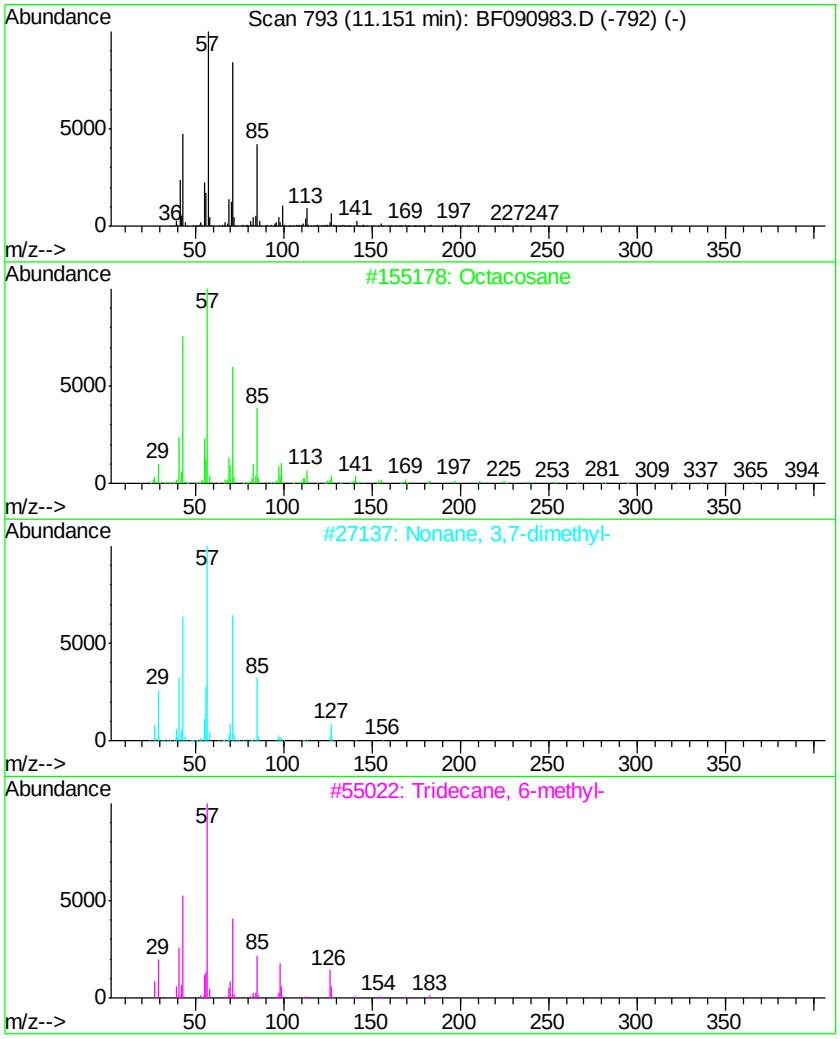
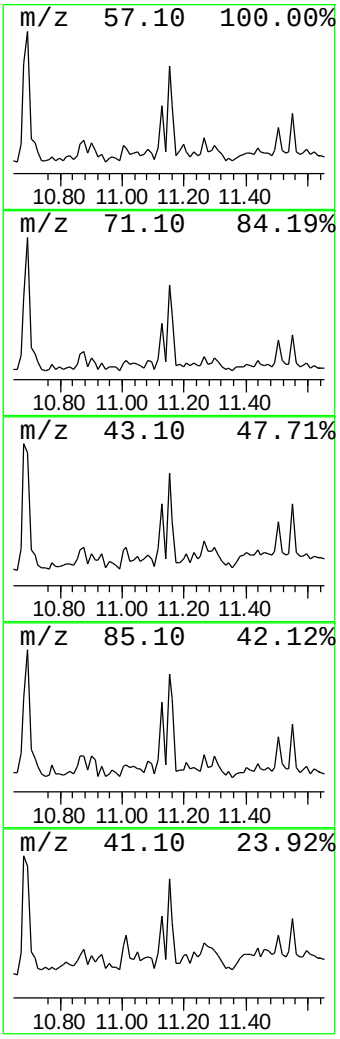
Peak Number 14 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	6.27 ng	842569	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	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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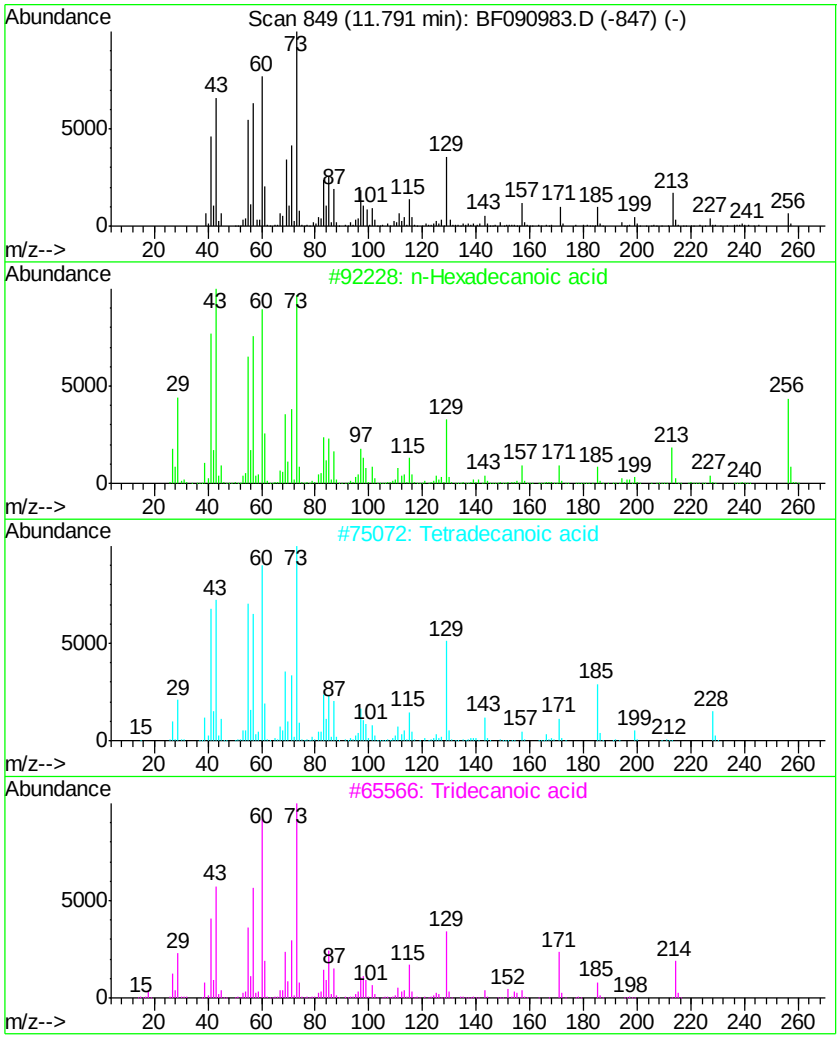
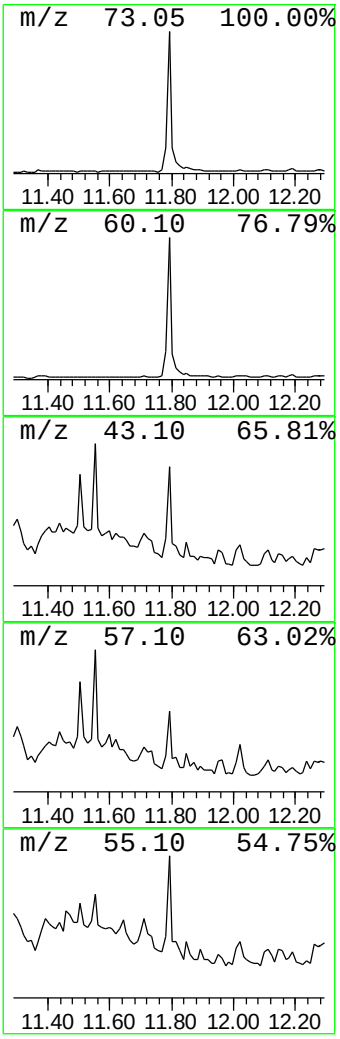
Peak Number 15 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.12 ng	688316	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tridecane	184	C13H28	000629-50-5	15
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	15





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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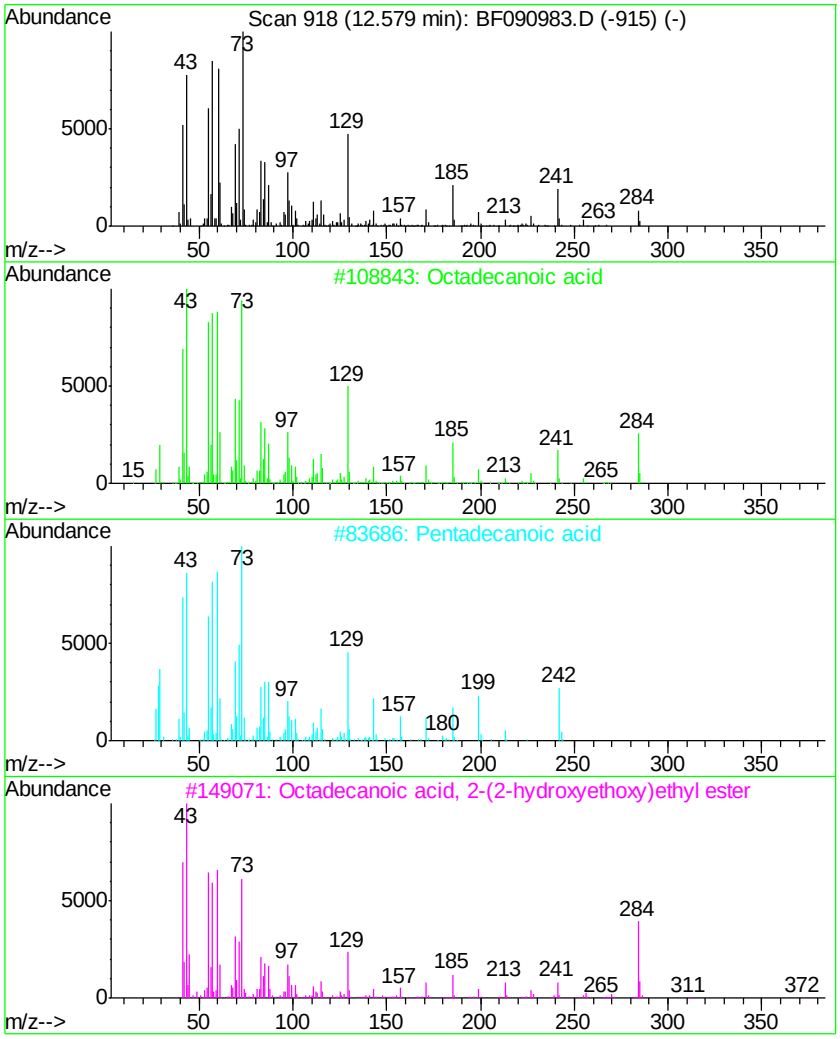
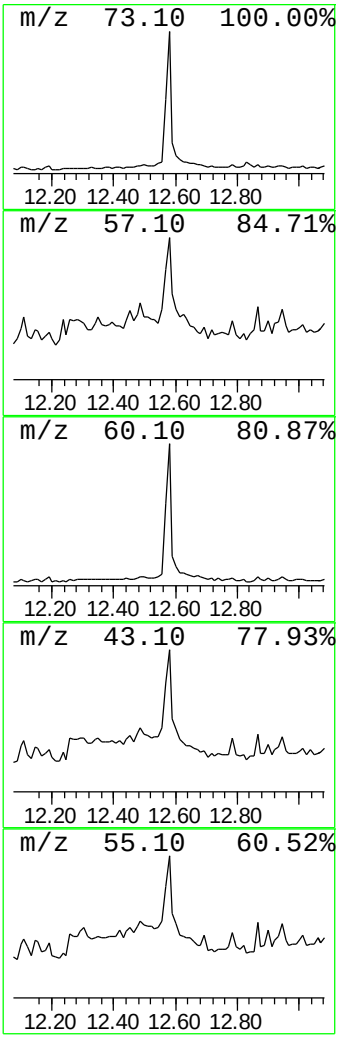
Peak Number 16 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	13.86 ng	723421	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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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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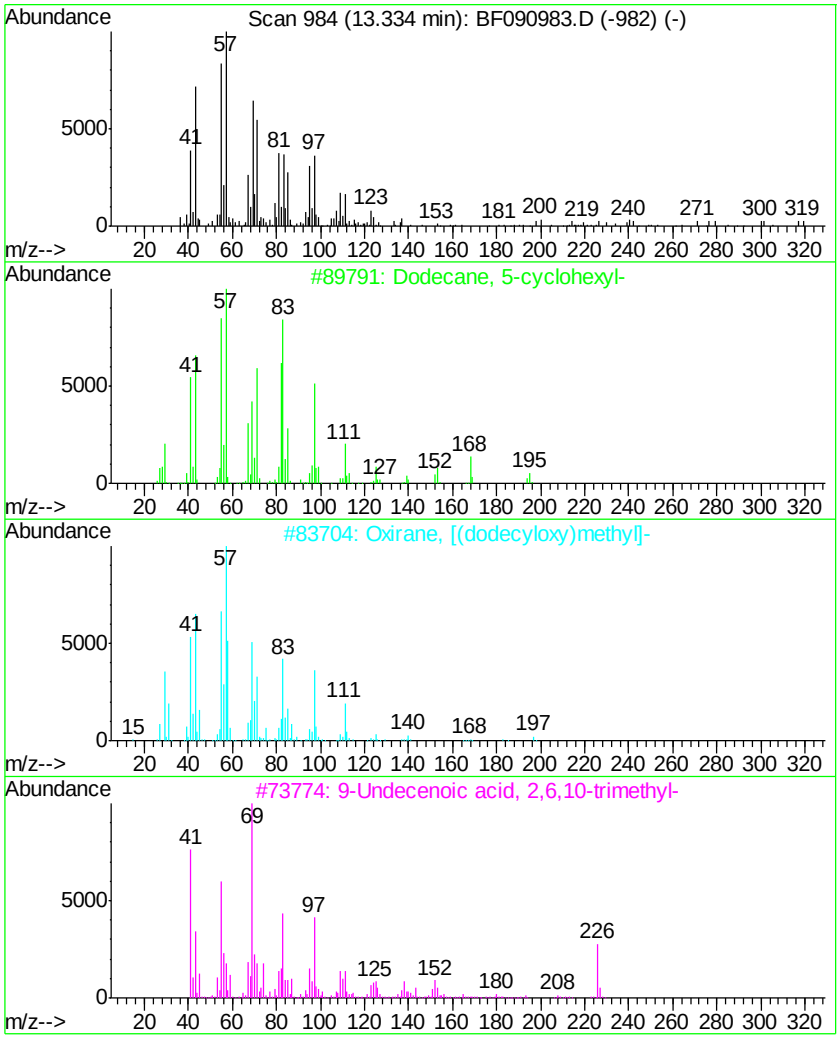
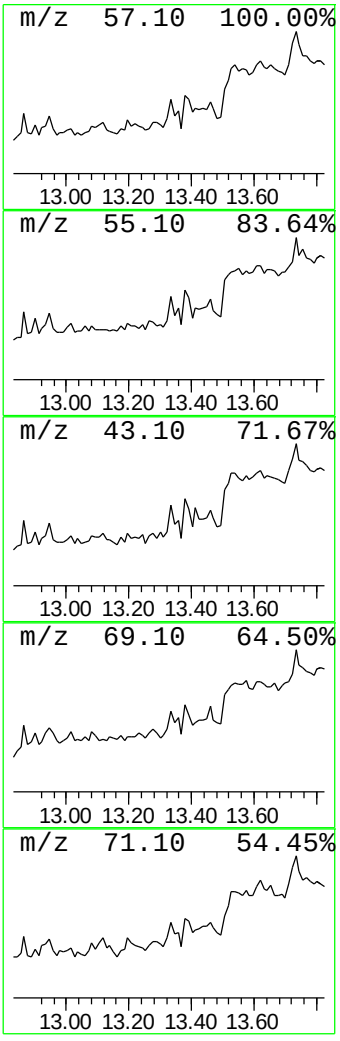
Peak Number 17 Dodecane, 5-cyclohexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.83 ng	199810	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5-cyclohexyl-	252	C18H36	013151-85-4	53
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	43
3	9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	38
4	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	35
5	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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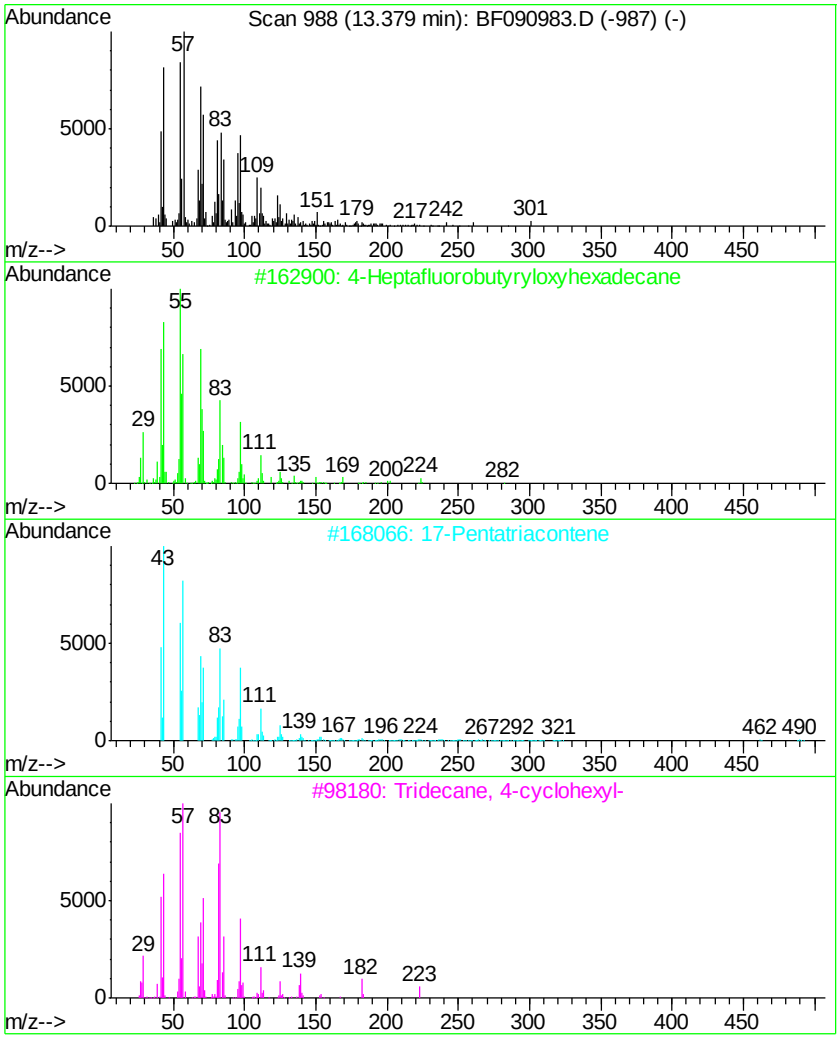
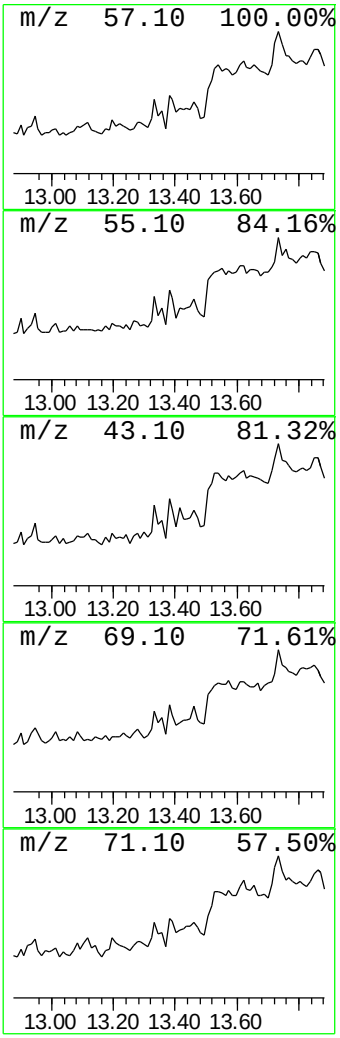
Peak Number 18 4-Heptafluorobutyryloxyhexa... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.86 ng	253549	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	52
2	17-Pentatriacontene	491	C35H70	006971-40-0	46
3	Tridecane, 4-cyclohexyl-	266	C19H38	013151-89-8	46
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	38
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	38





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

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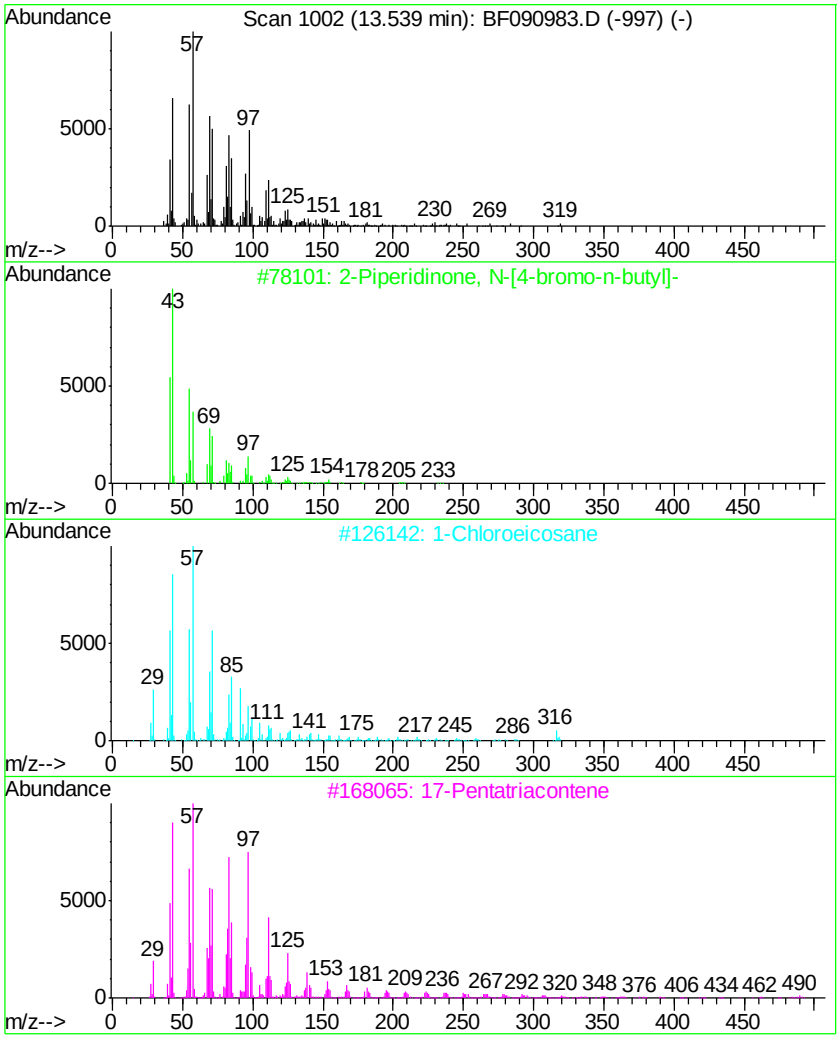
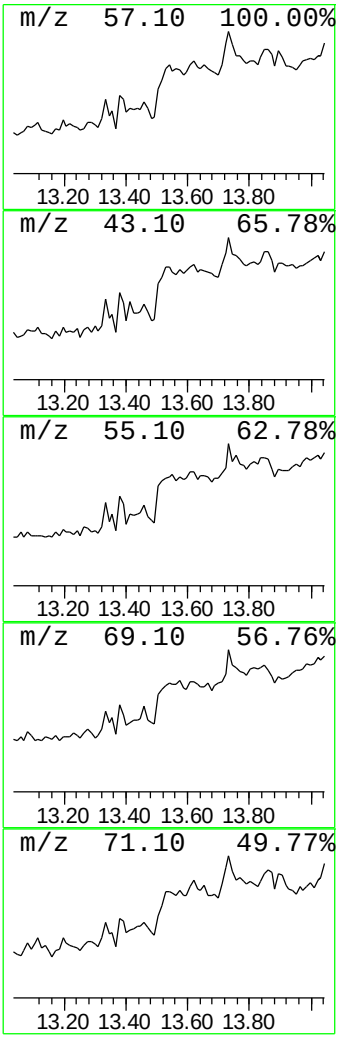
Peak Number 19 unknown13.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	15.83 ng	826534	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	49
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	38
3	17-Pentatriacontene	491	C35H70	006971-40-0	38
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30
5	Nonadecane	268	C19H40	000629-92-5	30





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ALS Vial : 10 Sample Multiplier: 1

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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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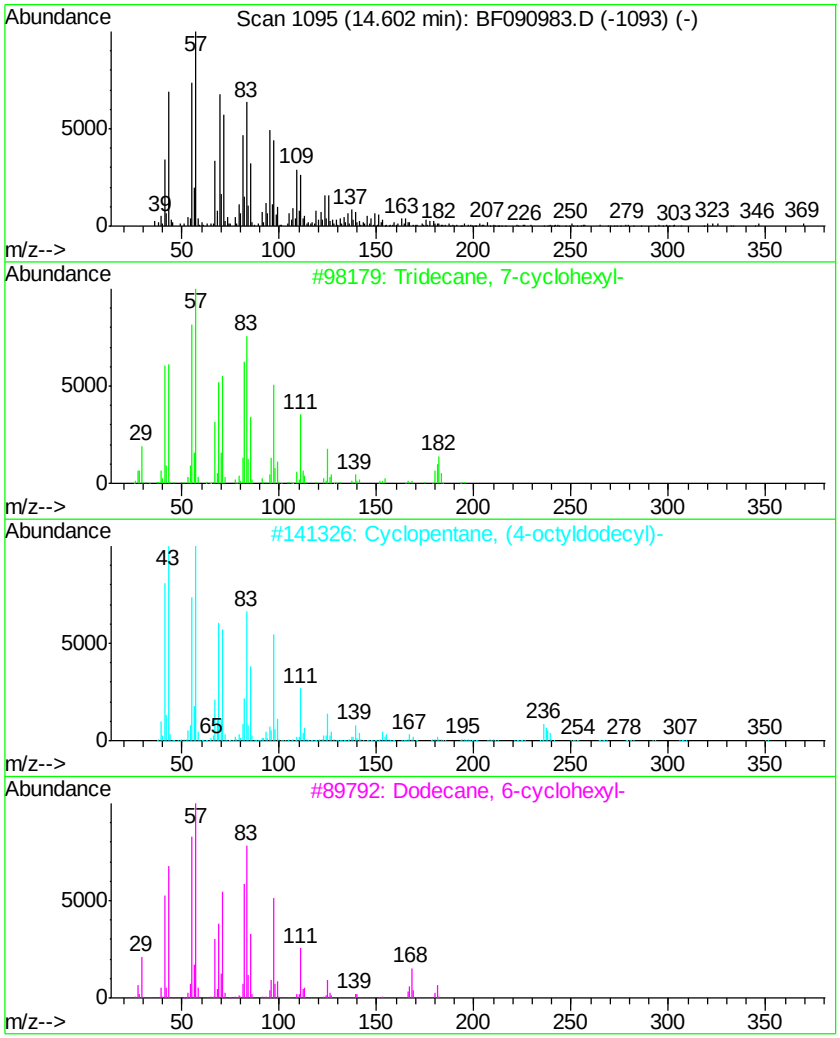
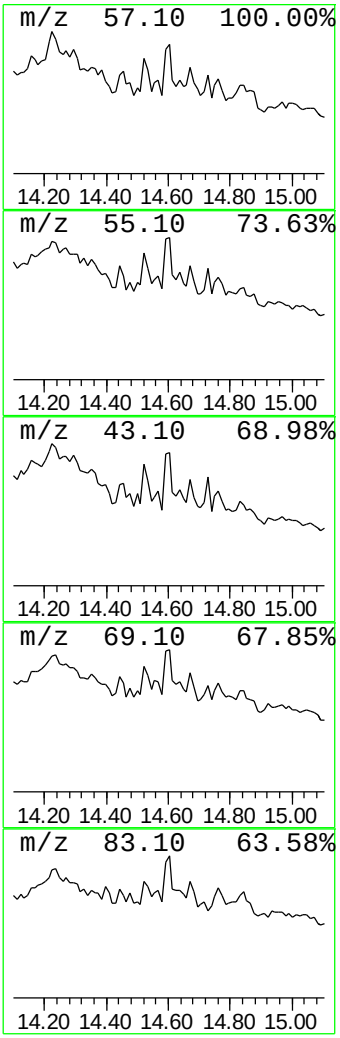
Peak Number 20 Tridecane, 7-cyclohexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	9.27 ng	503882	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	64
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	58
3	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	58
4	Undecane, 5-cyclohexyl-	238	C17H34	013151-80-9	49
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090983.D
Acq On : 2 Nov 2016 16:51
Operator : UM/SJ
Sample : H5509-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-92-9.95-23.0

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
Cyclohexane, methyl-	2.59	3.2	ng	157370	1	6.72	973278	20.0
2-Pentanone, 4-hy...	4.88	14.3	ng	698078	1	6.72	973278	20.0
unknown6.50	6.50	125.0	ng	6084760	1	6.72	973278	20.0
unknown6.54	6.54	3.1	ng	150632	1	6.72	973278	20.0
Nonanoic acid	8.38	5.0	ng	267483	2	8.01	1066580	20.0
Dodecane, 2,6,11-...	8.44	4.8	ng	255457	2	8.01	1066580	20.0
Tridecane	8.61	3.8	ng	201731	2	8.01	1066580	20.0
Dodecane	10.43	6.0	ng	725474	3	9.77	2410560	20.0
Pentadecane, 2,6,...	10.69	13.1	ng	1764630	4	11.24	2688620	20.0
Cyclohexane, (4-m...	11.01	3.2	ng	435812	4	11.24	2688620	20.0
Hexadecane	11.13	3.0	ng	403801	4	11.24	2688620	20.0
Octacosane	11.15	6.3	ng	842569	4	11.24	2688620	20.0
n-Hexadecanoic acid	11.79	5.1	ng	688316	4	11.24	2688620	20.0
Octadecanoic acid	12.58	13.9	ng	723421	5	13.88	1044260	20.0
Dodecane, 5-cyclo...	13.33	3.8	ng	199810	5	13.88	1044260	20.0
4-Heptafluorobuty...	13.38	4.9	ng	253549	5	13.88	1044260	20.0
unknown13.54	13.54	15.8	ng	826534	5	13.88	1044260	20.0
Tridecane, 7-cycl...	14.60	9.3	ng	503882	6	15.28	1087150	20.0