LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107918.D
Acq On : 2 Aug 2018 19:18
Operator : JU/SJ
Sample : J4267-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	4.013	277	285	293	rBV3	55014	104678	1.35%	0.094%
2	4.301	326	334	338	rBV2	72528	118407	1.53%	0.106%
3	4.490	360	366	373	rVB3	54671	97160	1.25%	0.087%
4	4.601	379	385	386	rBV	105122	129346	1.67%	0.116%
5	4.625	386	389	393	rVB2	128125	164050	2.11%	0.148%
6	4.719	399	405	411	rBV	75804	104160	1.34%	0.094%
7	5.007	448	454	457	rBV	138271	161396	2.08%	0.145%
8	5.084	461	467	470	rBV5	129678	254161	3.28%	0.229%
9	5.113	470	472	477	rVB	241051	269838	3.48%	0.243%
10	5.172	477	482	489	rBV2	637040	1169068	15.07%	1.051%
11	5.225	489	491	495	rVV4	105618	127739	1.65%	0.115%
12	5.272	495	499	501	rVV	162422	194880	2.51%	0.175%
13	5.290	501	502	506	rVB	154607	112077	1.44%	0.101%
14	5.366	509	515	518	rBV2	312647	508298	6.55%	0.457%
15	5.401	518	521	523	rVV2	92682	103116	1.33%	0.093%
16	5.437	523	527	529	rVV2	198925	212071	2.73%	0.191%
17	5.460	529	531	534	rVB	210735	193490	2.49%	0.174%
18	5.537	541	544	547	rBV	446896	447505	5.77%	0.402%
19	5.566	547	549	551	rVB	152499	117500	1.51%	0.106%
20	5.595	551	554	559	rBV	872418	1227862	15.83%	1.104%
21	5.642	559	562	568	rVB	354507	409762	5.28%	0.369%
22	5.713	571	574	580	rVB3	355596	605501	7.80%	0.545%
23	5.760	580	582	585	rVB	461084	428972	5.53%	0.386%
24	5.807	585	590	594	rBV	387570	521603	6.72%	0.469%
25	5.848	594	597	600	rBV	1175602	1150848	14.83%	1.035%
26	5.972	611	618	621	rBV3	694513	993692	12.81%	0.894%
27	6.007	621	624	628	rBV3	225908	303346	3.91%	0.273%
28	6.107	638	641	644	rVB	1172844	1078781	13.91%	0.970%
29	6.148	644	648	650	rBV4	178716	249031	3.21%	0.224%
30	6.184	650	654	655	rBV	1187478	1134222	14.62%	1.020%
31	6.242	662	664	667	rVB	538443	407650	5.25%	0.367%
32	6.284	667	671	673	rBV5	266436	327278	4.22%	0.294%
33	6.307	673	675	677	rVB	253373	194899	2.51%	0.175%
34	6.331	677	679	682	rVB2	256382	255142	3.29%	0.229%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.384	682	688	691	rBV3	893486	1497325	19.30%	1.347%
36	6.419	691	694	695	rBV2	332793	333673	4.30%	0.300%
37	6.437	695	697	700	rVB	956146	830905	10.71%	0.747%
38	6.484	700	705	710	rBV5	2019179	3646378	47.00%	3.279%
39	6.525	710	712	714	rVB	501694	376840	4.86%	0.339%
40	6.554	714	717	721	rVB3	578787	773035	9.96%	0.695%
41	6.601	721	725	726	rBV2	1267771	1368034	17.63%	1.230%
42	6.619	726	728	730	rVV	901221	761842	9.82%	0.685%
43	6.642	730	732	735	rVB2	641405	628646	8.10%	0.565%
44	6.689	735	740	744	rBV5	869817	1971865	25.42%	1.773%
45	6.731	744	747	751	rVB2	1599101	1985626	25.59%	1.786%
46	6.778	751	755	758	rBV	3460398	3681531	47.45%	3.311%
47	6.831	762	764	766	rBV2	180888	132127	1.70%	0.119%
48	6.860	766	769	771	rBV3	248422	249404	3.21%	0.224%
49	6.907	771	777	780	rBV5	912663	1835684	23.66%	1.651%
50	6.954	780	785	787	rVB3	1736316	1922023	24.77%	1.728%
51	6.978	787	789	791	rBV	349153	245624	3.17%	0.221%
52	7.007	791	794	797	rBV	1588002	1675371	21.59%	1.507%
53	7.089	805	808	810	rBV2	1896243	2336647	30.12%	2.101%
54	7.113	810	812	816	rVV2	1500664	1950991	25.15%	1.755%
55	7.172	820	822	824	rBV	470387	391111	5.04%	0.352%
56	7.219	824	830	833	rBV3	2645717	3654812	47.11%	3.287%
57	7.242	833	834	836	rBV2	280354	199097	2.57%	0.179%
58	7.272	836	839	845	rVB2	1405503	2193105	28.27%	1.972%
59	7.325	845	848	850	rBV2	1283521	1726738	22.26%	1.553%
60	7.348	850	852	854	rVB3	1397966	1153972	14.87%	1.038%
61	7.425	861	865	866	rBV3	919375	1233975	15.91%	1.110%
62	7.484	869	875	878	rVV3	3077130	5338142	68.81%	4.801%
63	7.548	878	886	889	rVB2	4097447	7758149	100.00%	6.977%
64	7.595	889	894	897	rVB5	2229413	3595331	46.34%	3.233%
65	7.642	897	902	905	rBV5	1704617	3152002	40.63%	2.835%
66	7.725	913	916	918	rVB2	1523650	1302641	16.79%	1.171%
67	7.766	918	923	927	rVB3	2793867	4852131	62.54%	4.364%
68	7.854	927	938	940	rBV6	2615322	5545479	71.48%	4.987%
69	7.884	940	943	945	rBV2	2253741	2317691	29.87%	2.084%
70	7.942	951	953	956	rBV3	704898	777315	10.02%	0.699%
71	7.978	956	959	965	rVV2	2975172	4381502	56.48%	3.940%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : UST-S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.054	969	972	975	rVB3	1014894	1172486	15.11%	1.054%
73	8.107	978	981	984	rBV2	1104450	1127978	14.54%	1.014%
74	8.142	984	987	989	rBV3	759009	1054192	13.59%	0.948%
75	8.219	996	1000	1009	rBV5	2300669	5802614	74.79%	5.218%
76	8.289	1009	1012	1017	rBV2	2153006	3217879	41.48%	2.894%
77	8.531	1049	1053	1059	rBV6	1705903	3833530	49.41%	3.448%
78	14.289	2029	2032	2036	rVB	1164631	1221081	15.74%	1.098%
79	14.589	2081	2083	2088	rVB	1172960	1133612	14.61%	1.019%
80	14.907	2134	2137	2141	rBV	927105	979443	12.62%	0.881%

Sum of corrected areas: 111197108

LSC Report - Integrated Chromatogram

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Data File : BF107918.D
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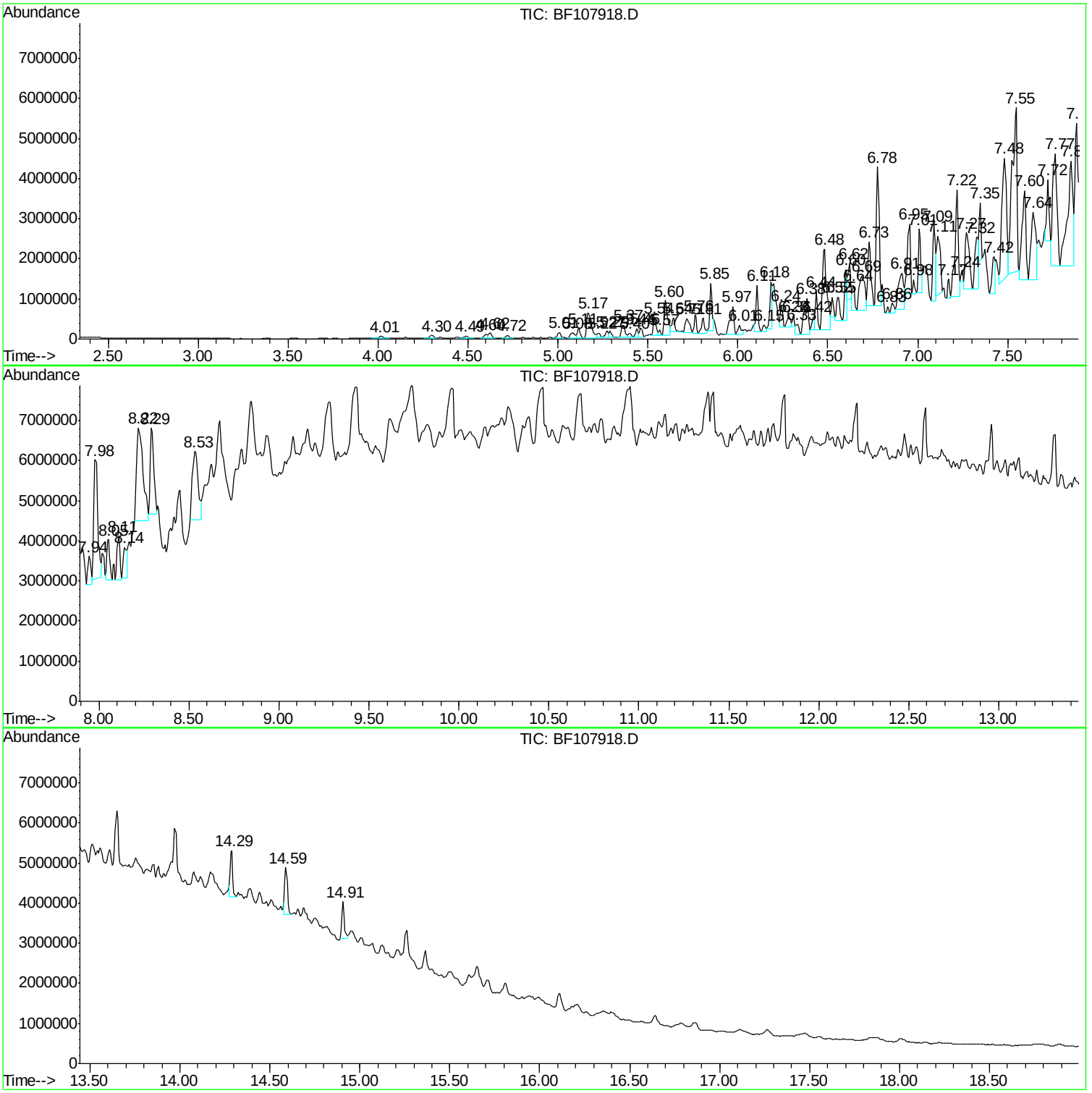
Operator : JU/SJ
Sample : J4267-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107918.D
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Operator : JU/SJ
Sample : J4267-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

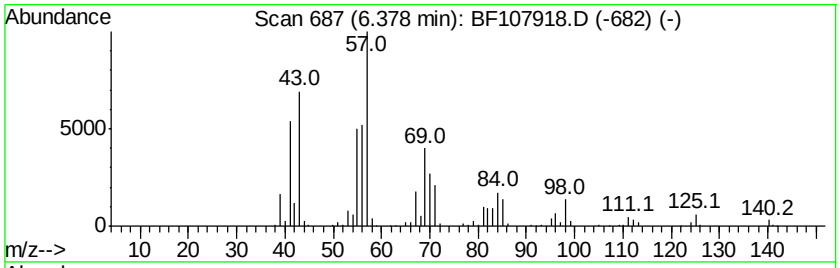
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

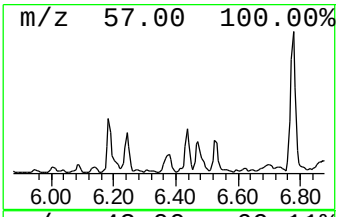
****

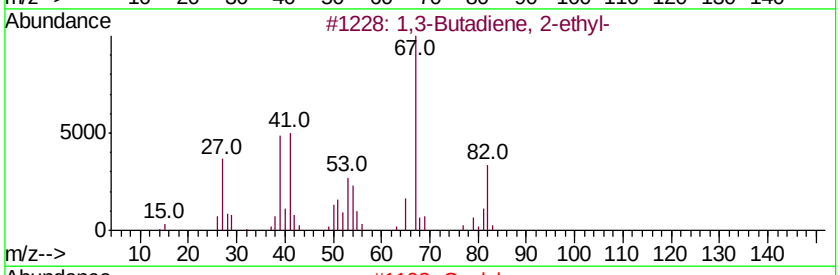
Peak Number 1 unknown6.38 Concentration Rank 17

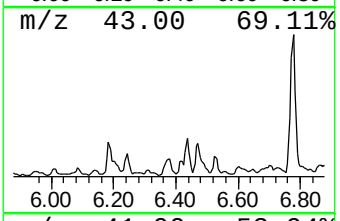
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	15.58 ng	1497330	1,4-Dichlorobenzene-d4	6.96

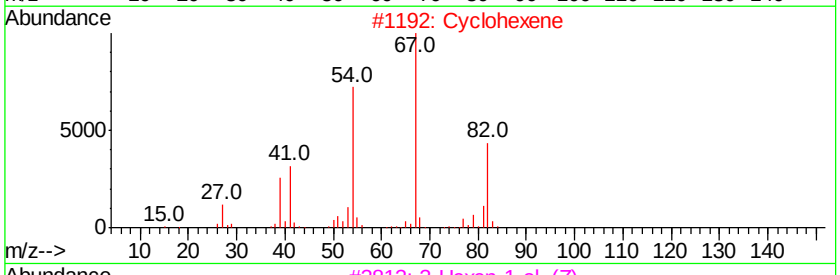
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 2-ethyl-	82	C6H10	003404-63-5	38
2	Cyclohexene	82	C6H10	000110-83-8	35
3	3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	25
4	cis-2-Ethylcyclopentanecarboxald...	126	C8H14O	036258-05-6	18
5	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	18

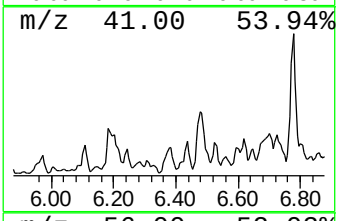


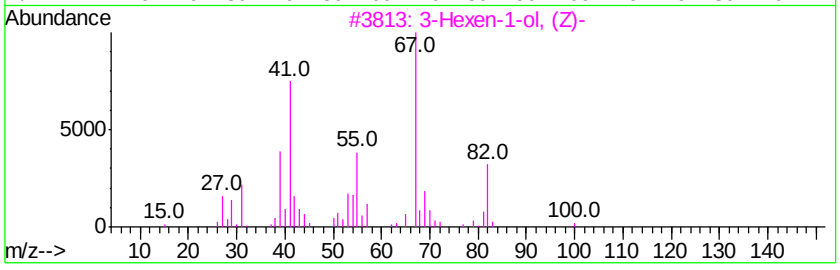


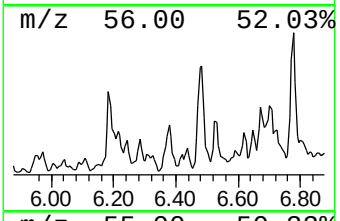


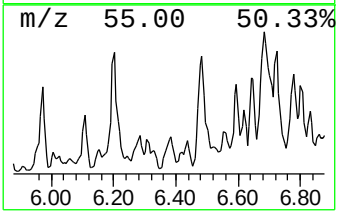












Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

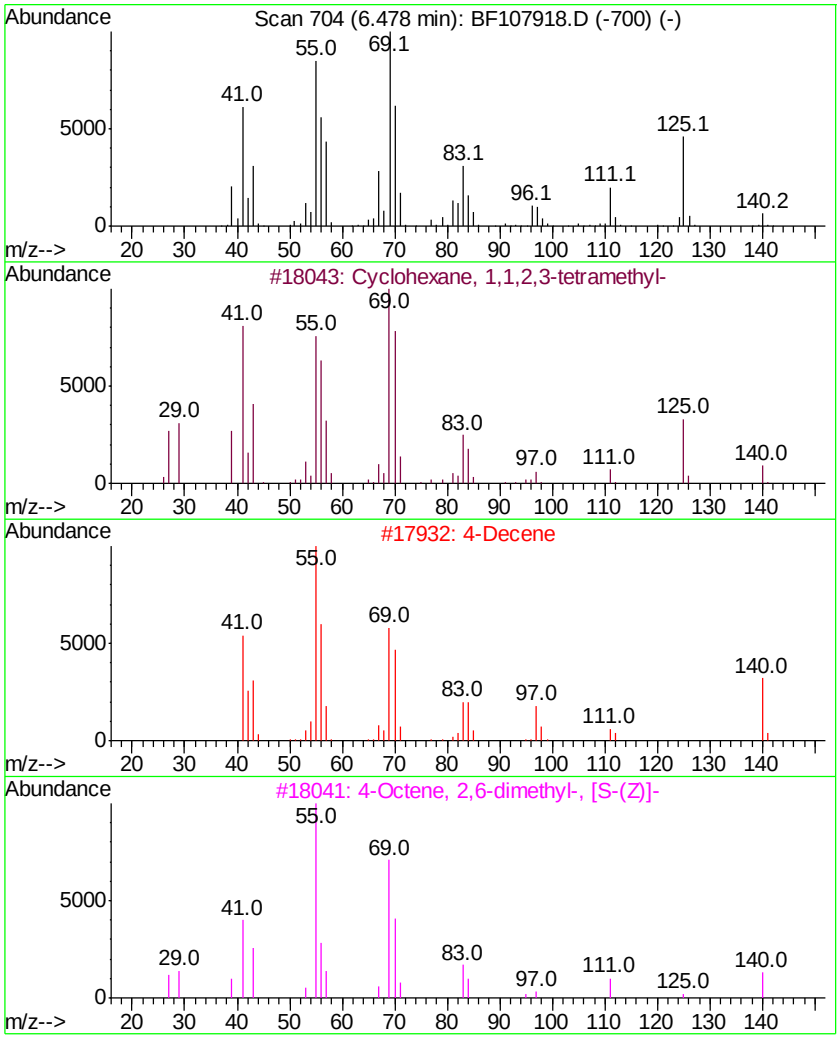
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

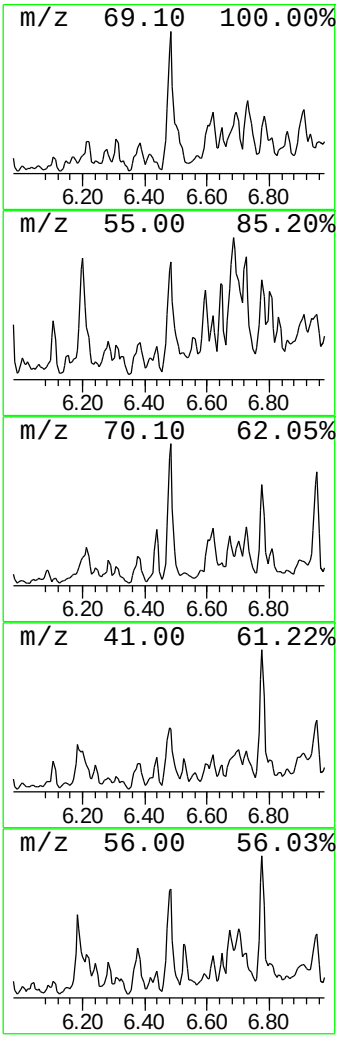
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	37.94 ng	3646380	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	4-Decene	140	C10H20	019689-18-0	64
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	64
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46





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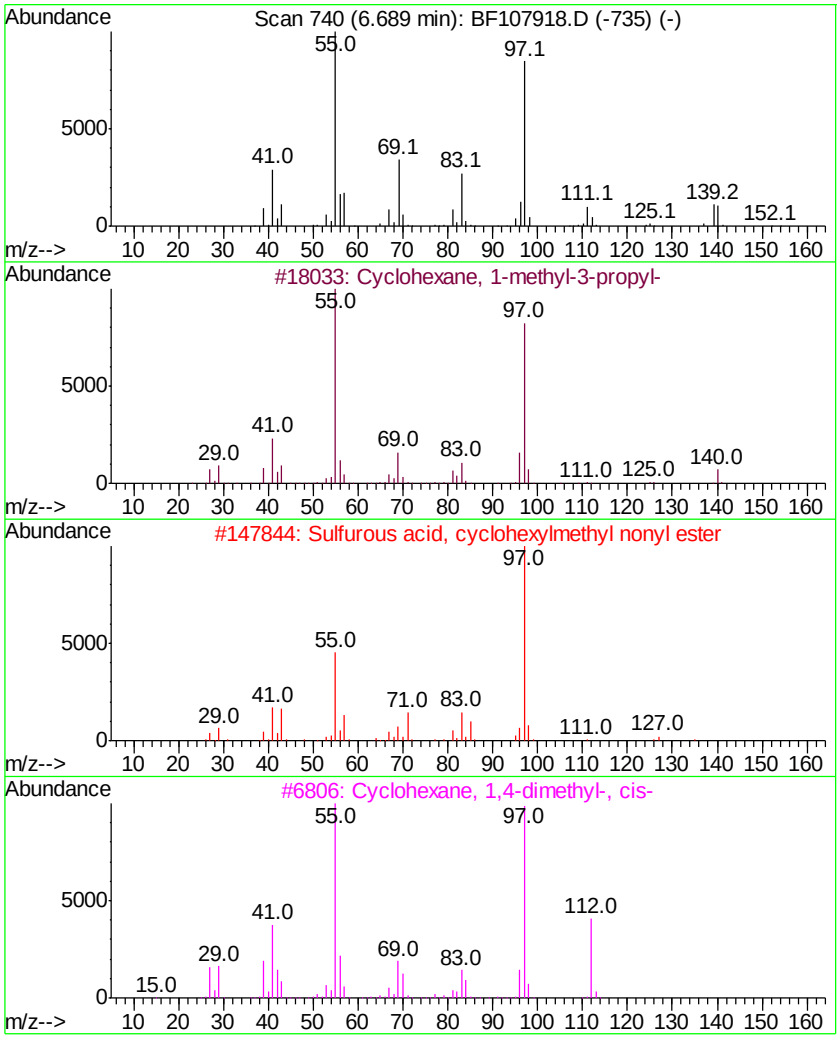
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

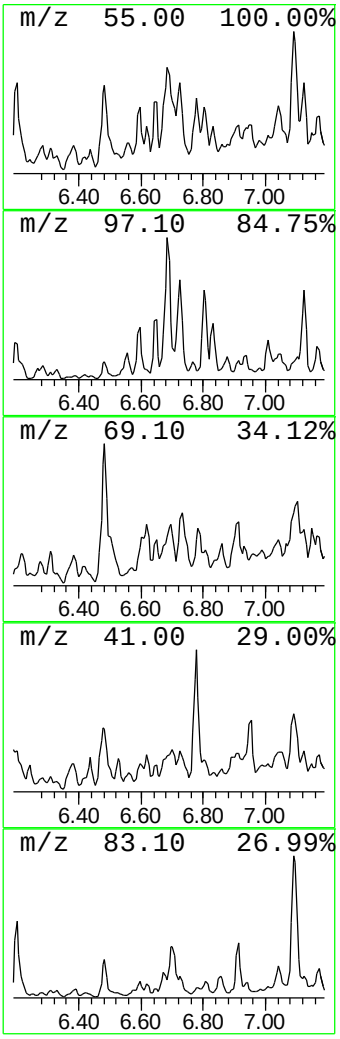
****

Peak Number 3 Cyclohexane, 1-methyl-3-pro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	20.52 ng	1971870	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
2	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	59
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	50





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Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

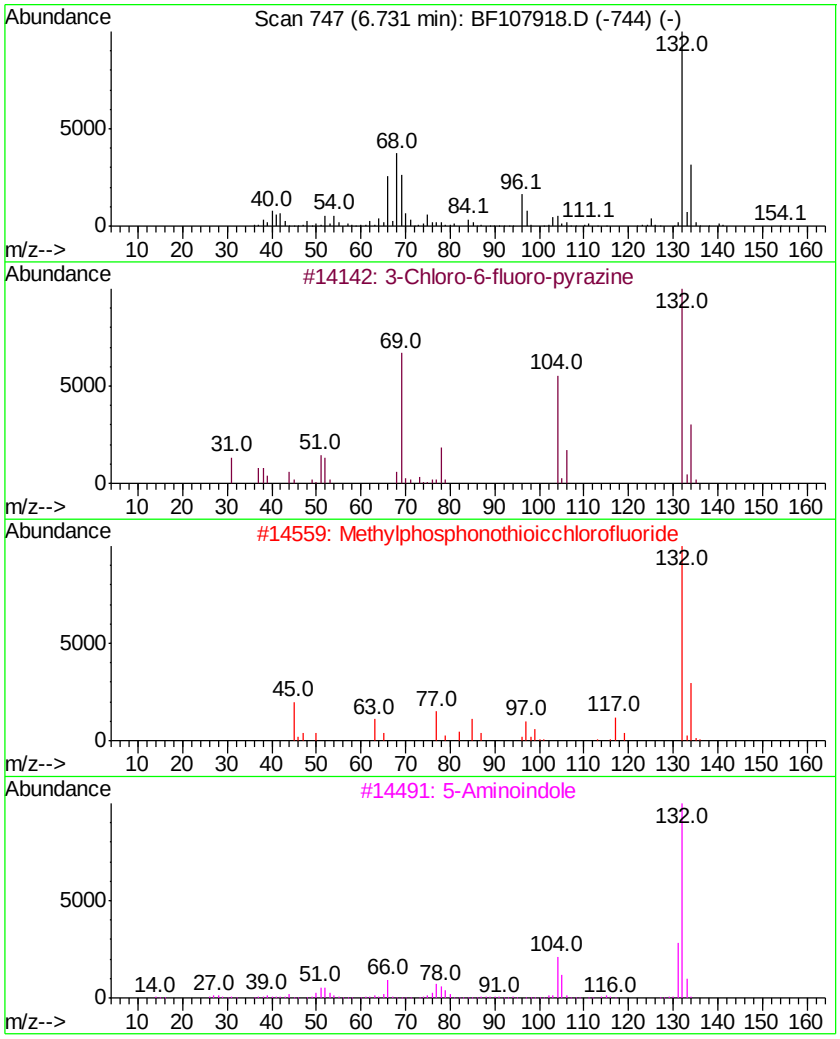
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

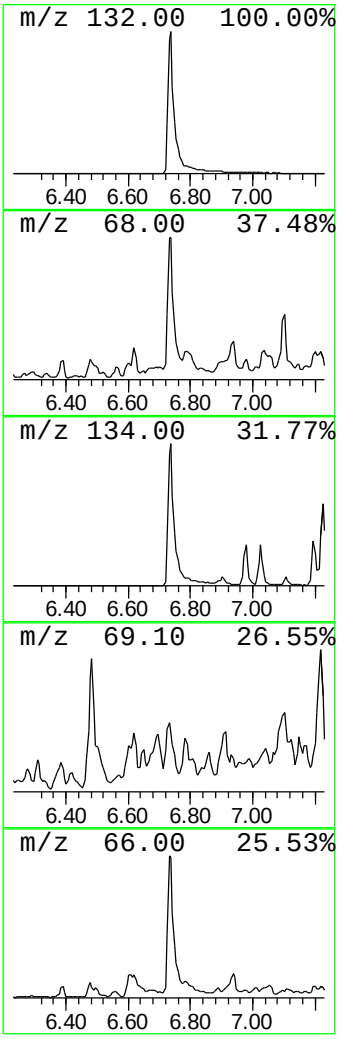
****

Peak Number 4 unknown6.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	20.66 ng	1985630	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	Bicyclo[4.1.0]heptan-2-ol, (1.al...	112	C7H12O	007432-49-7	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

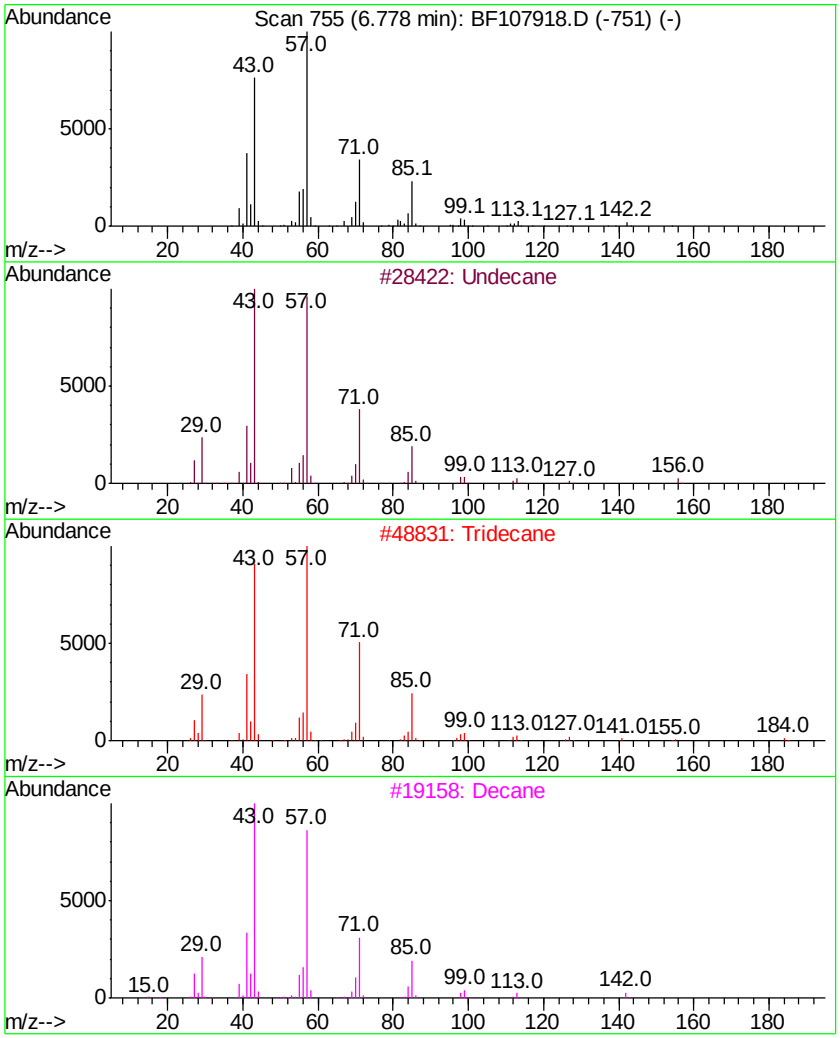
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

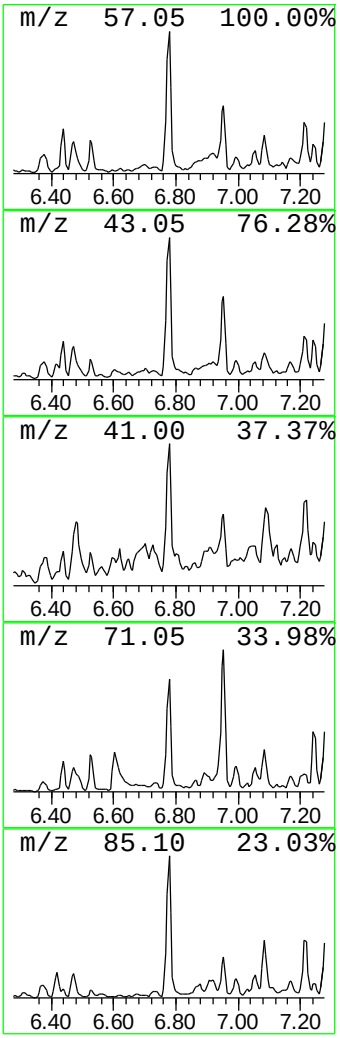
****

Peak Number 5 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	38.31 ng	3681530	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	78
2	Tridecane	184	C13H28	000629-50-5	78
3	Decane	142	C10H22	000124-18-5	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Hexatriacontane	507	C36H74	000630-06-8	72





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Acq On : 2 Aug 2018 19:18
Operator : JU/SJ
Sample : J4267-12
Misc :
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Instrument : BNA_F
ClientSampleId : UST-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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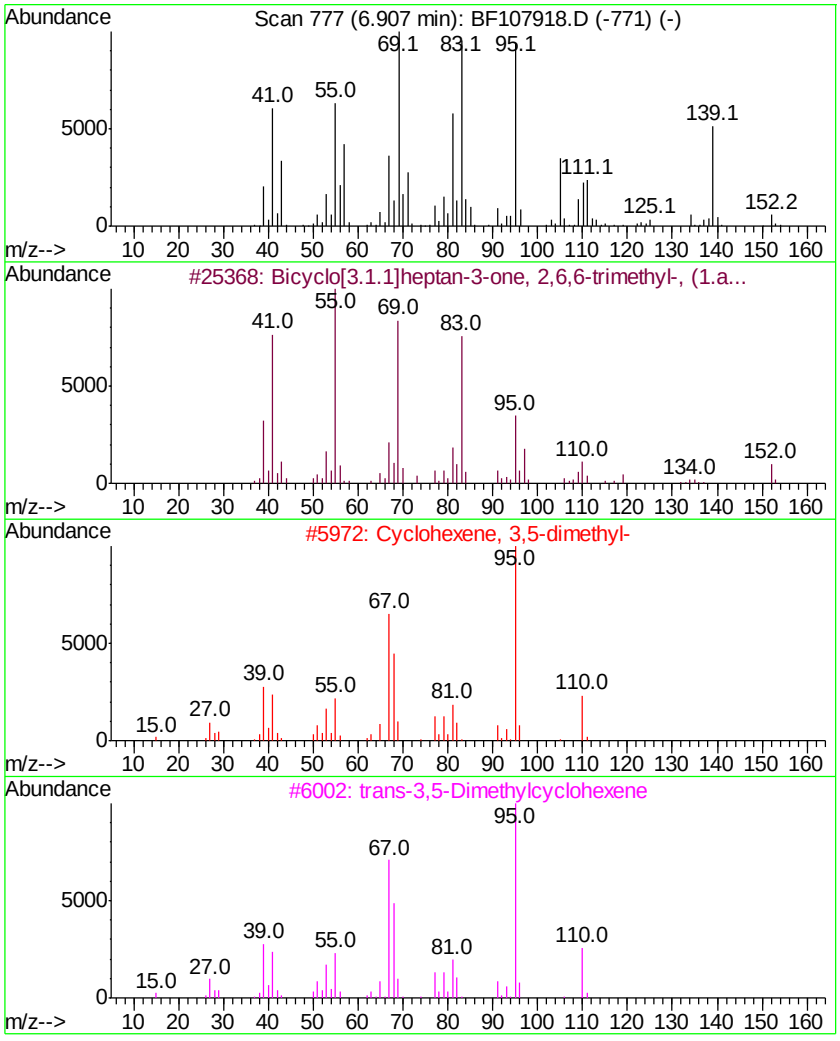
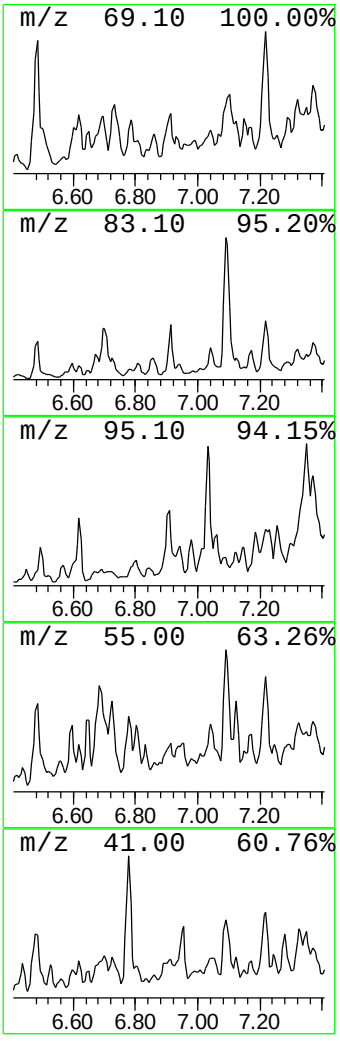
Peak Number 6 unknown6.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	19.10 ng	1835680	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	20
3	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	20
4	2-Isopropylimidazole	110	C6H10N2	036947-68-9	18
5	3-Aminopyrazine-2-carboxylic acid	139	C5H5N3O2	005424-01-1	18





Library Search Compound Report

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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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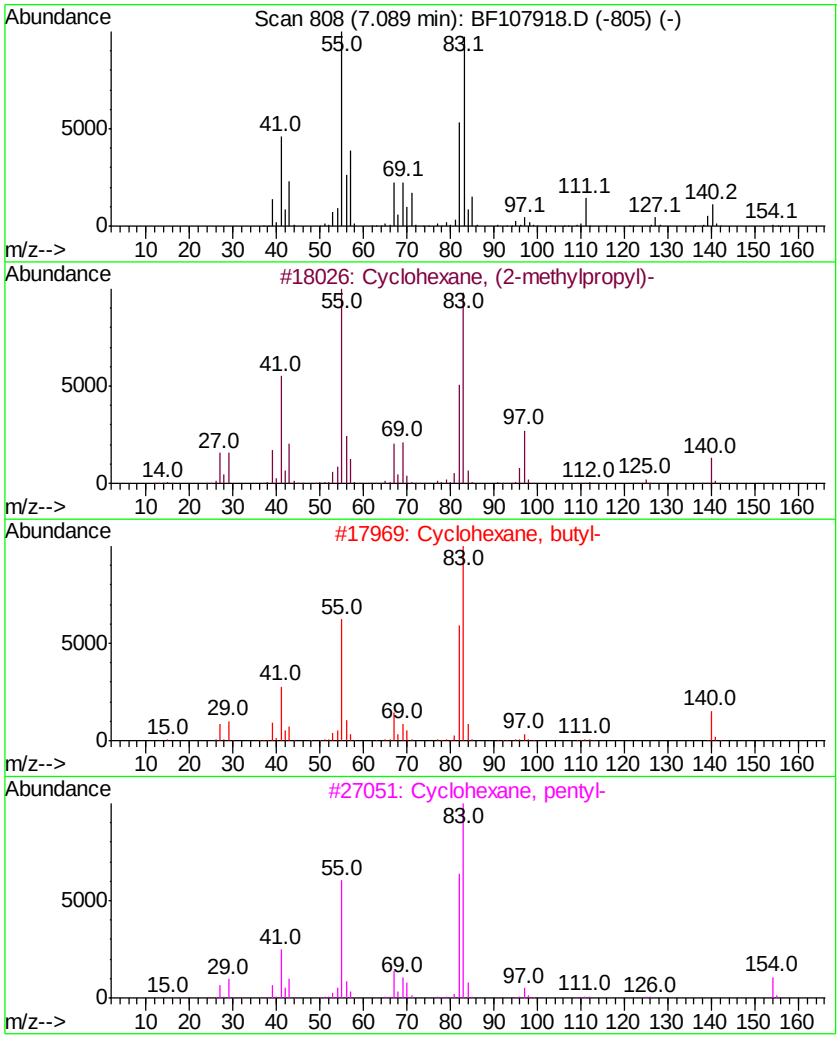
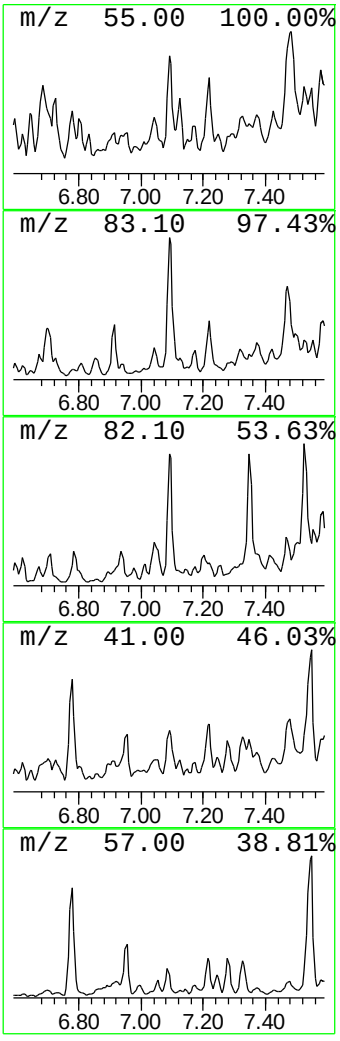
Peak Number 7 Cyclohexane, (2-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	24.31 ng	2336650	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59





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ClientSampleId : UST-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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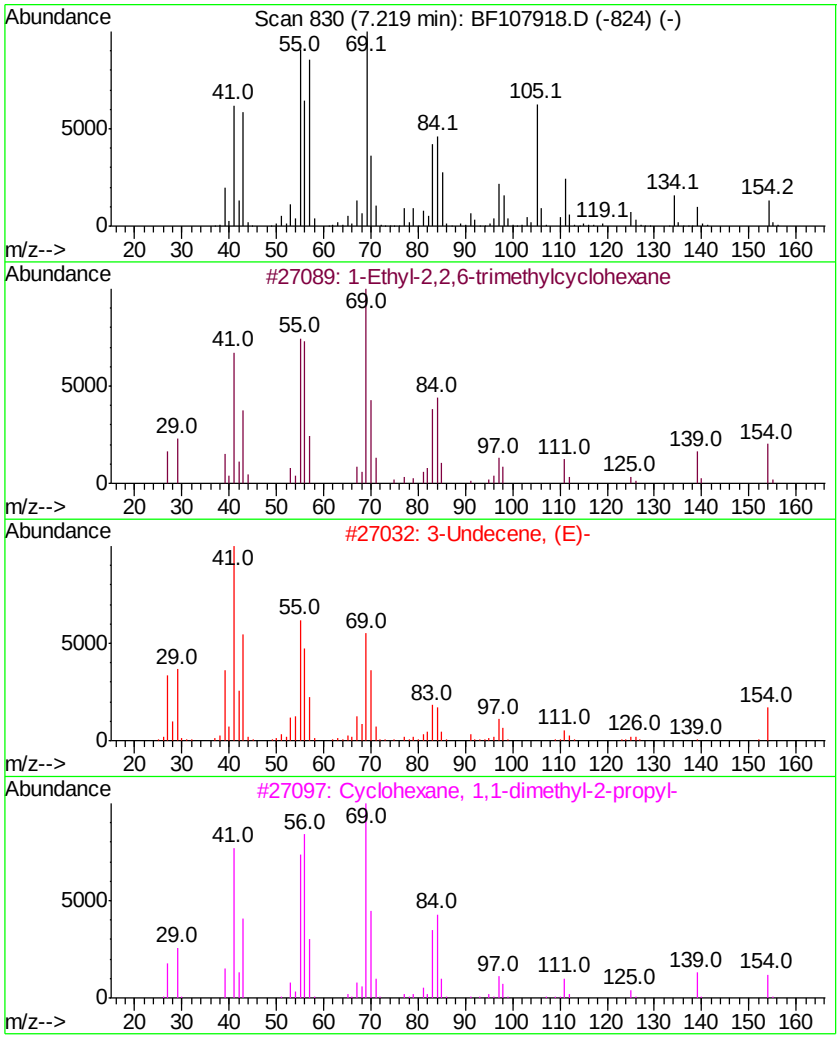
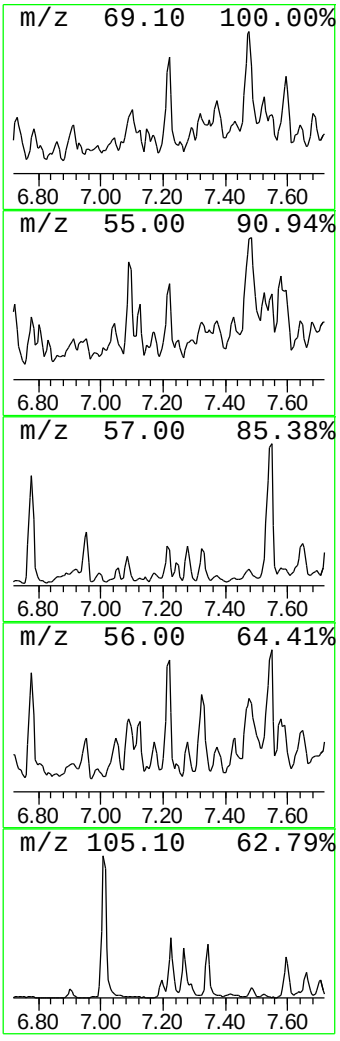
Peak Number 9 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	38.03 ng	3654810	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
2	3-Undecene, (E)-	154	C11H22	001002-68-2	80
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	76
4	Cyclopentane, hexyl-	154	C11H22	004457-00-5	53
5	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	49





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ClientSampleId : UST-S

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

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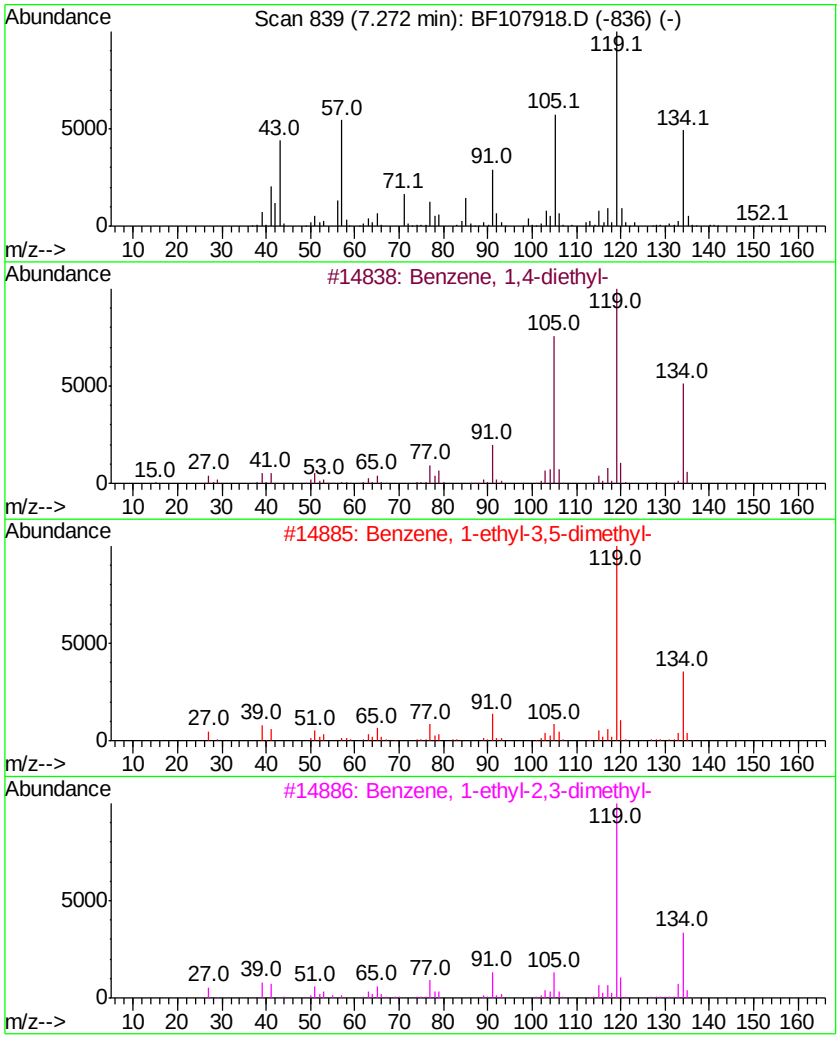
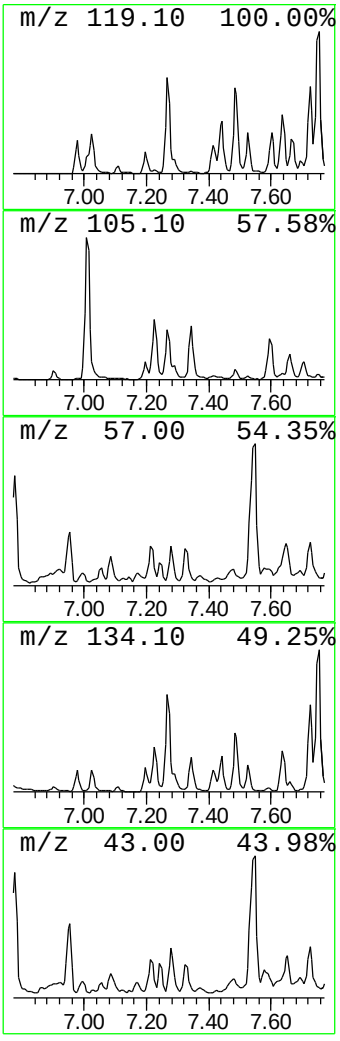
Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	22.82 ng	2193110	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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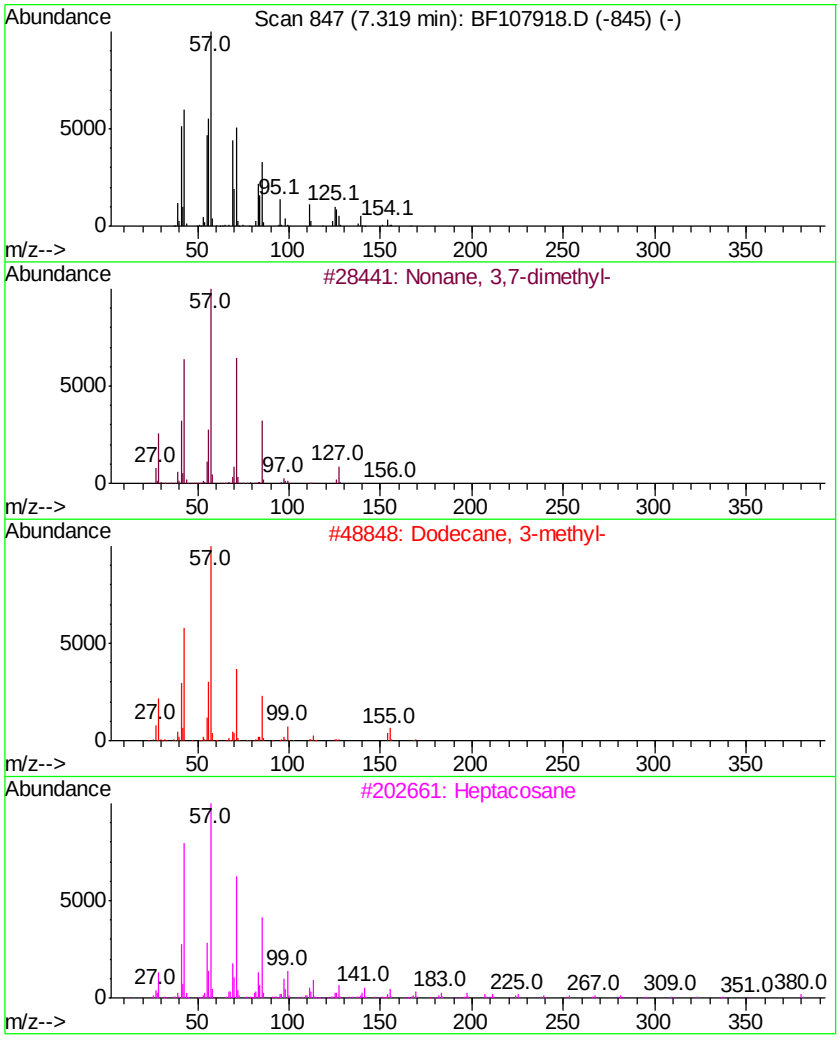
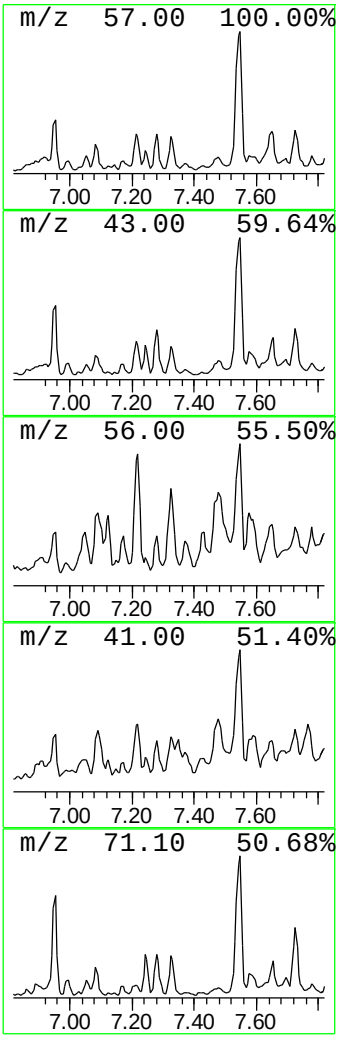
Peak Number 11 Nonane, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	17.97 ng	1726740	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3	Heptacosane	380	C27H56	000593-49-7	52
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
5	Hexatriacontane	507	C36H74	000630-06-8	50





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ClientSampleId : UST-S

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

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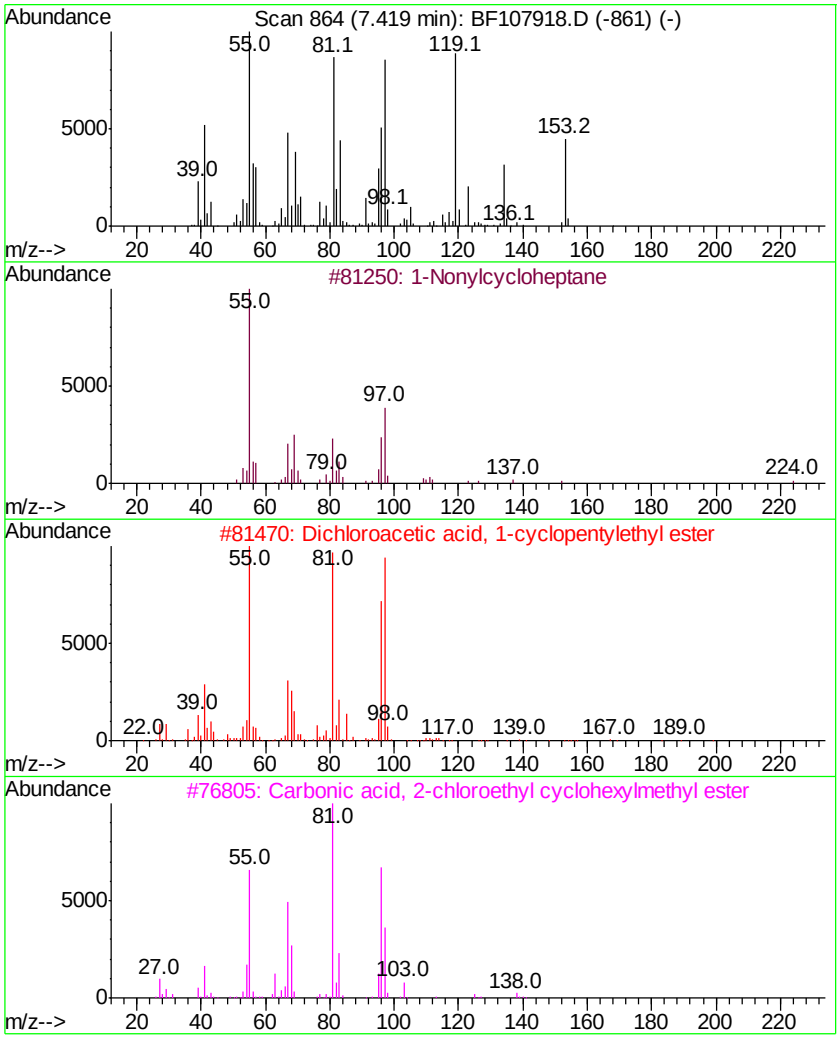
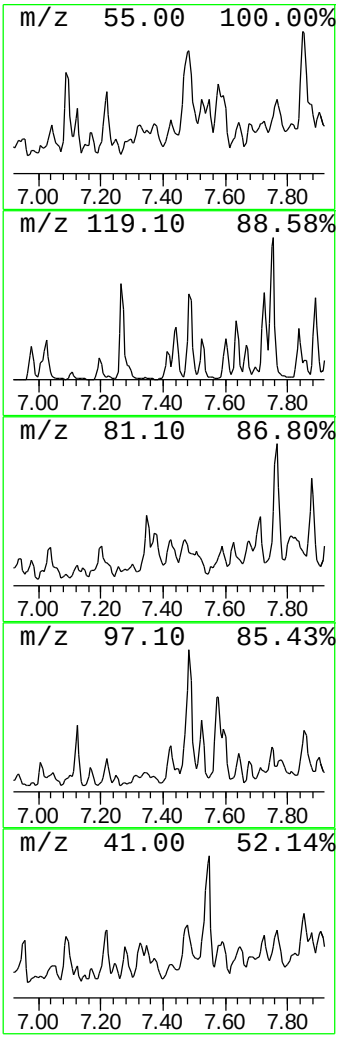
Peak Number 12 unknown7.42 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	12.84 ng	1233980	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonylcycloheptane	224	C16H32	1000371-47-7	47
2	Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	38
3	Carbonic acid, 2-chloroethyl cyc...	220	C10H17ClO3	1000357-88-3	35
4	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	30
5	1H-Indene, octahydro-5-methyl-	138	C10H18	019744-64-0	30





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ClientSampleId : UST-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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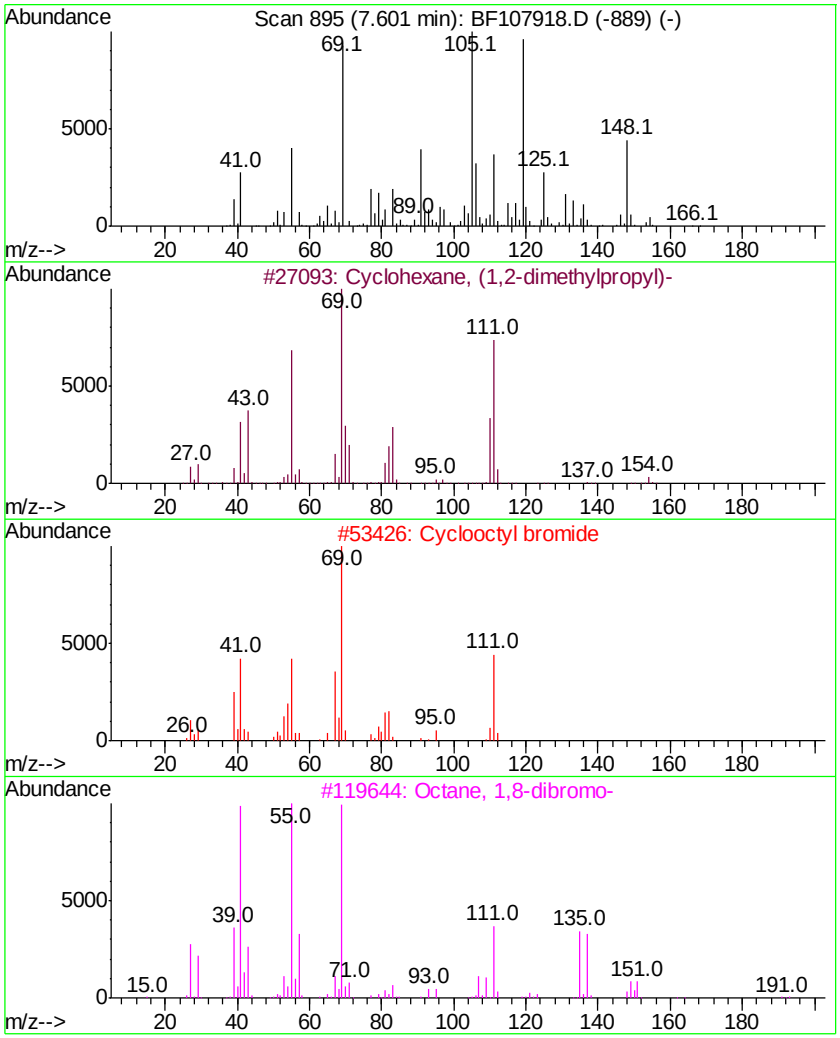
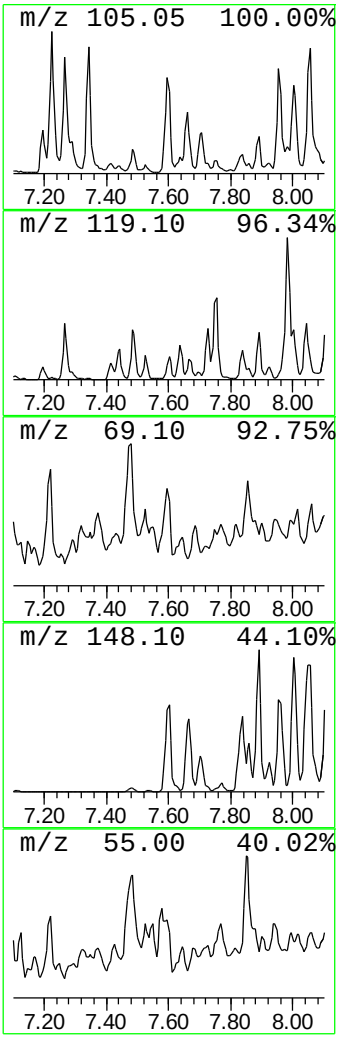
Peak Number 13 unknown7.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	37.41 ng	3595330	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	27
2	Cyclooctyl bromide	190	C8H15Br	001556-09-8	27
3	Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	27
4	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	22
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	22





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

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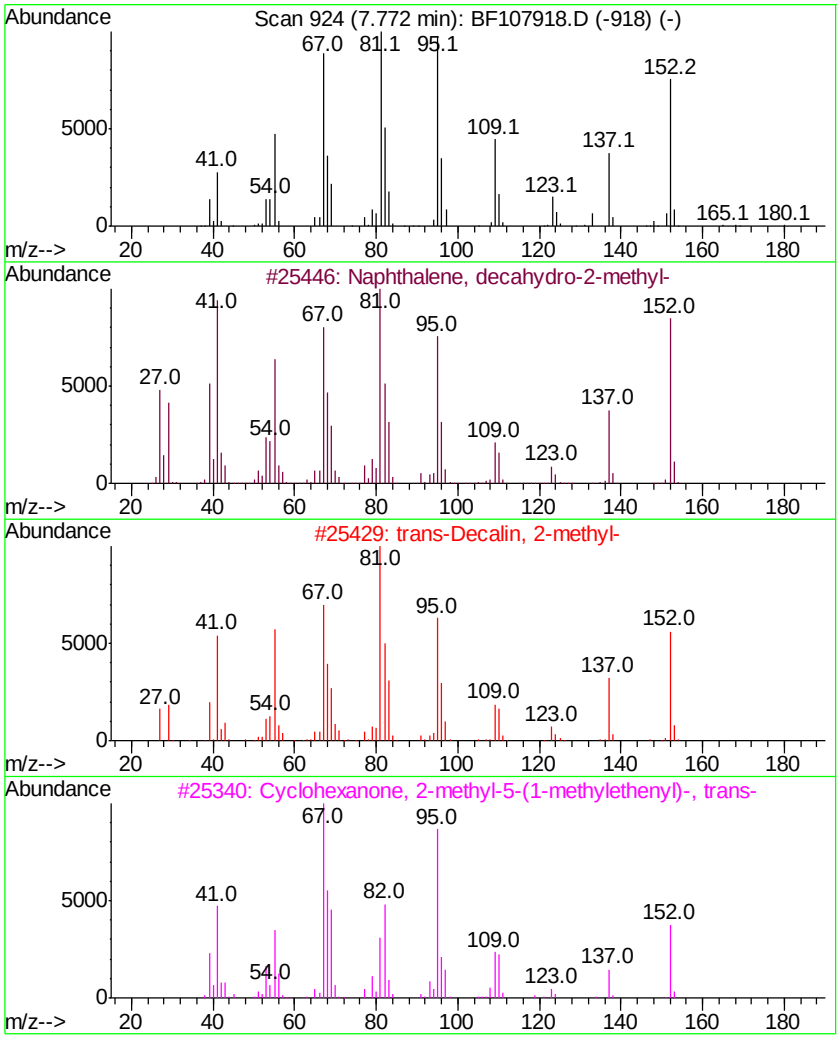
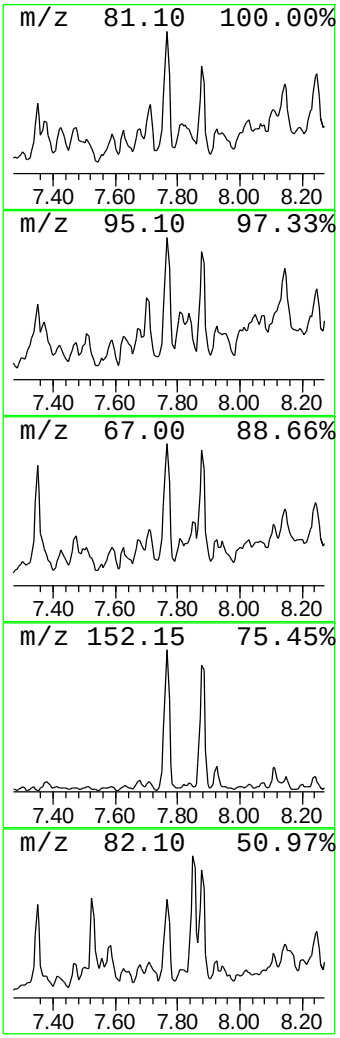
Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	16.72 ng	4852130	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	76
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
5	Pulegone	152	C10H16O	000089-82-7	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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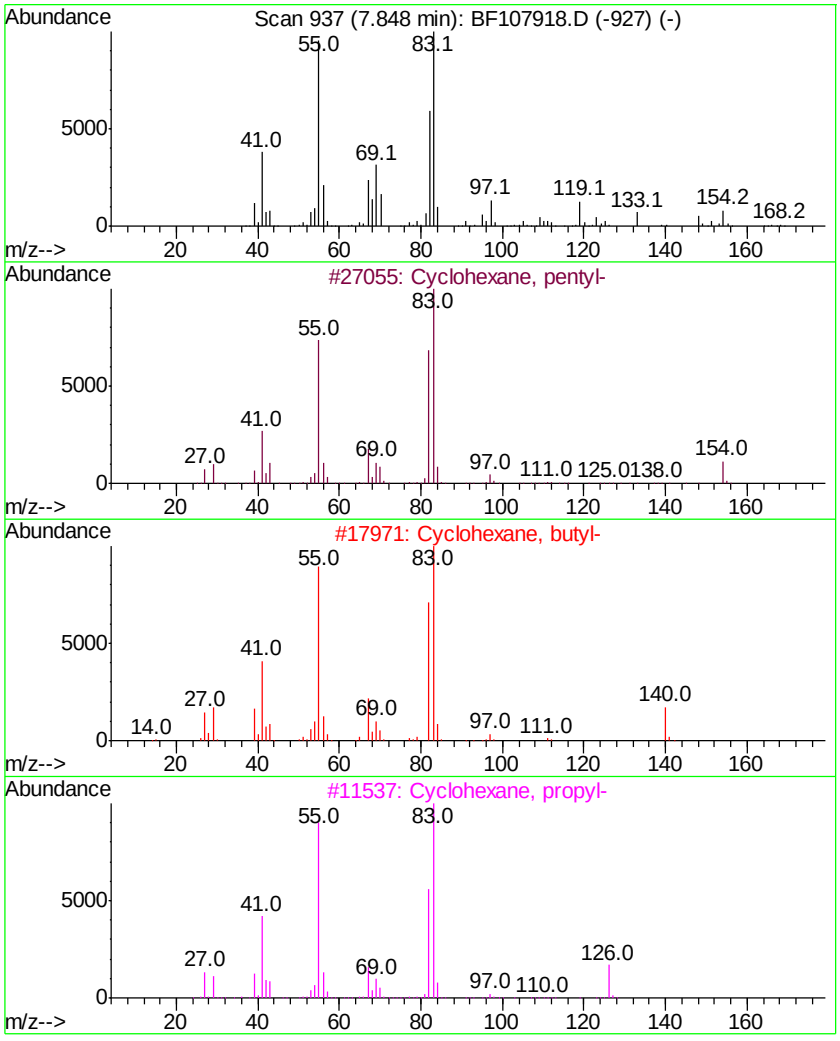
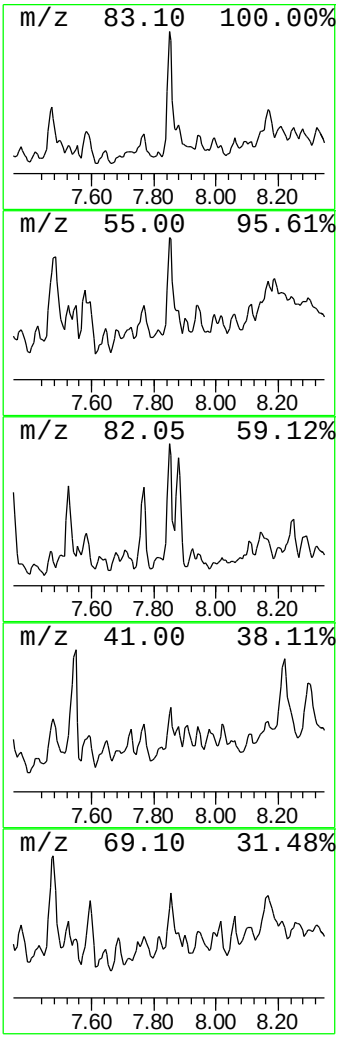
Peak Number 15 Cyclohexane, pentyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	19.11 ng	5545480	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	49
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47





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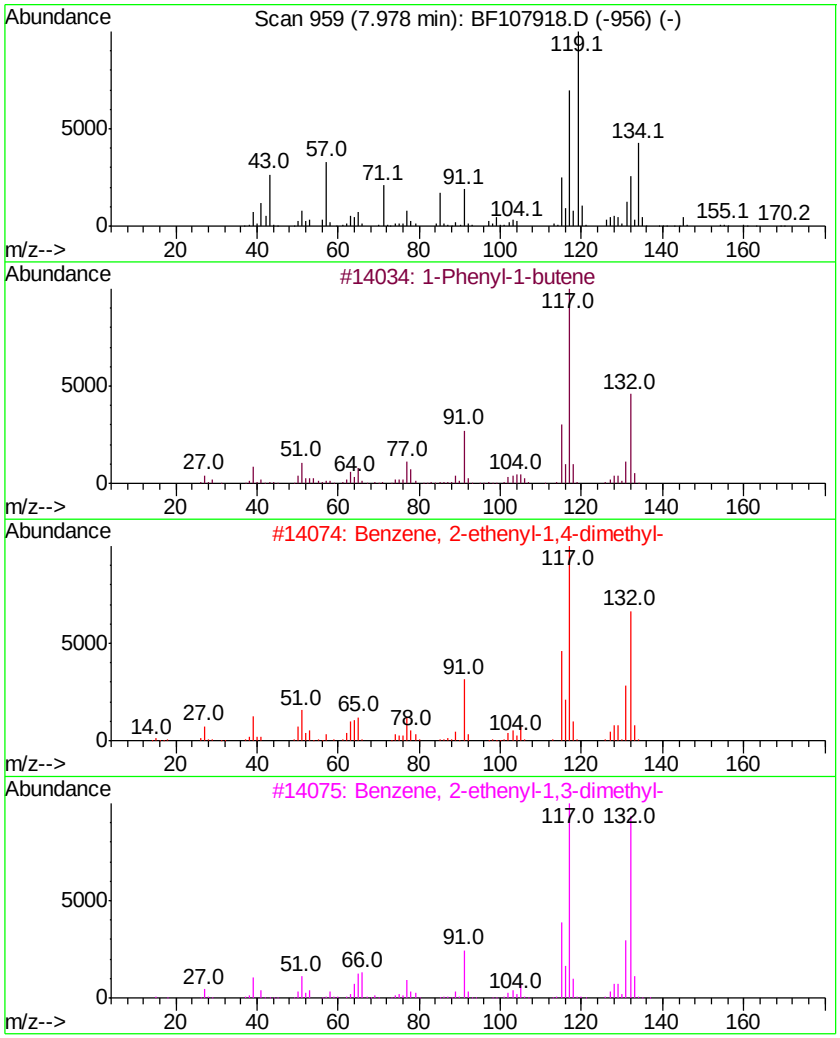
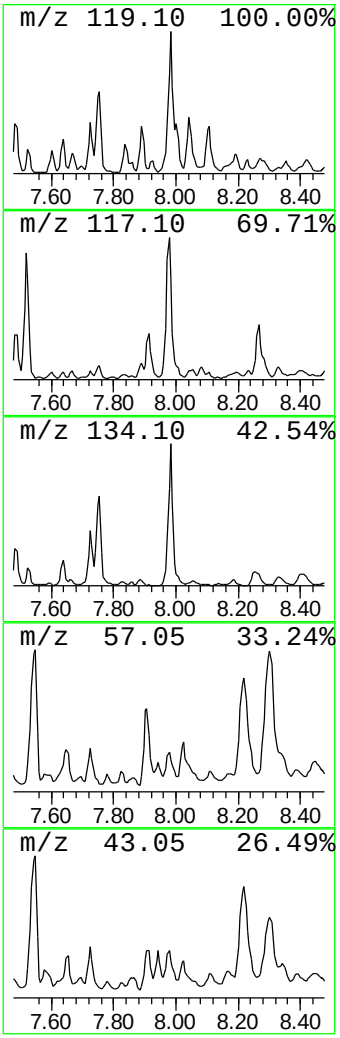
Peak Number 16 1-Phenyl-1-butene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	15.10 ng	4381500	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	51
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
5	p-Cymene	134	C10H14	000099-87-6	49





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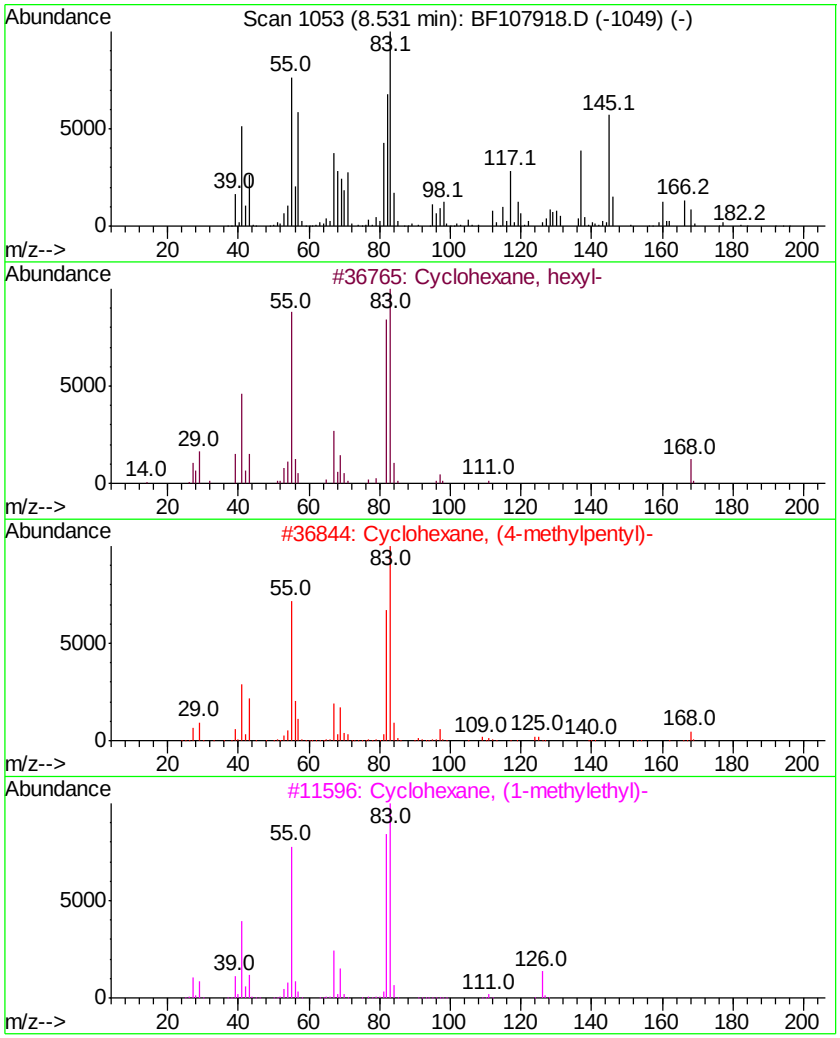
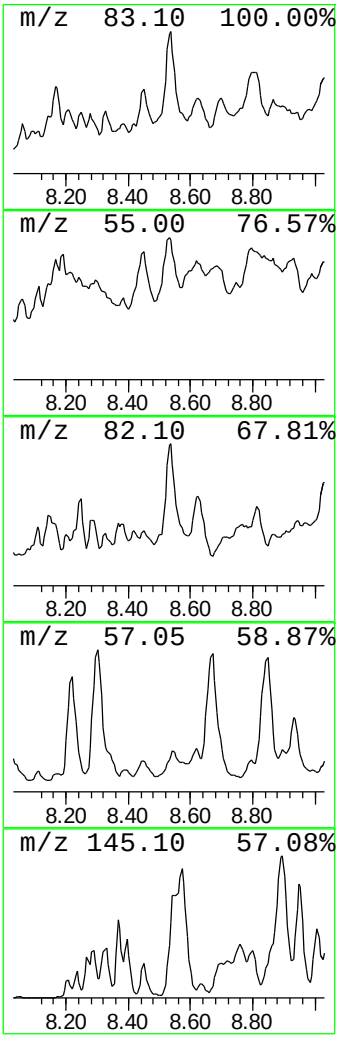
Peak Number 17 unknown8.53 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	13.21 ng	3833530	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	35





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Operator : JU/SJ
Sample : J4267-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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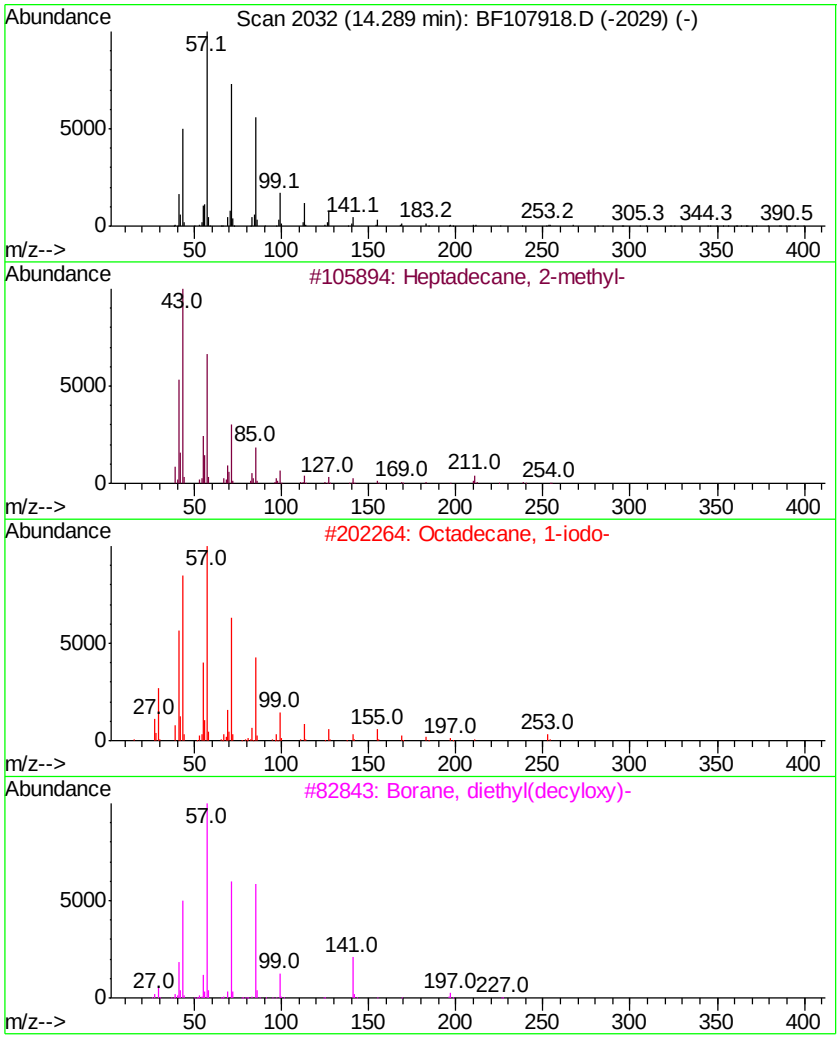
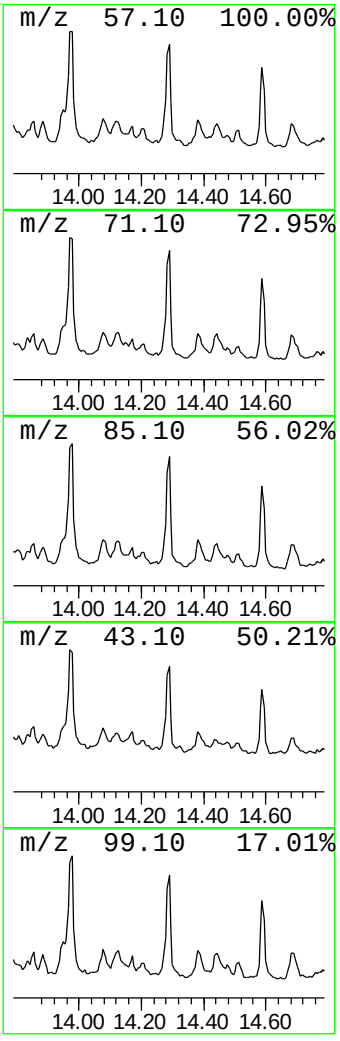
Peak Number 18 Heptadecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	20.00 ng	1221080	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78
3	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
4	Pentadecane	212	C15H32	000629-62-9	59
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107918.D
Acq On : 2 Aug 2018 19:18
Operator : JU/SJ
Sample : J4267-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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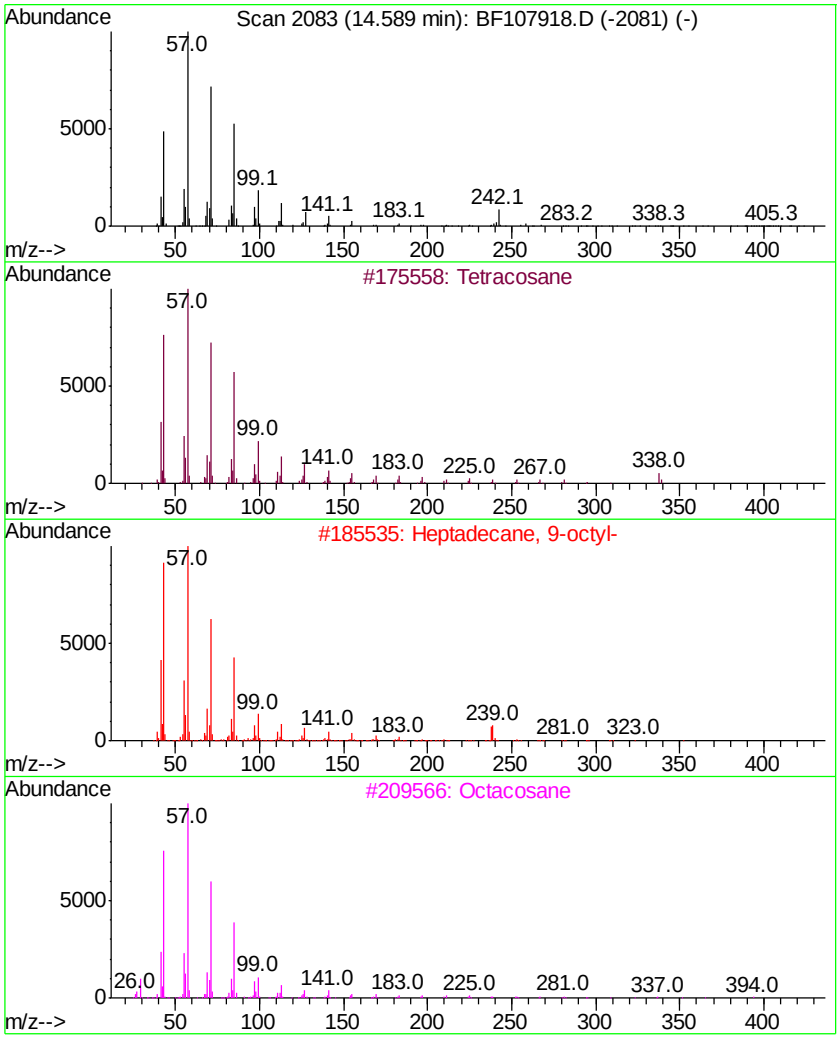
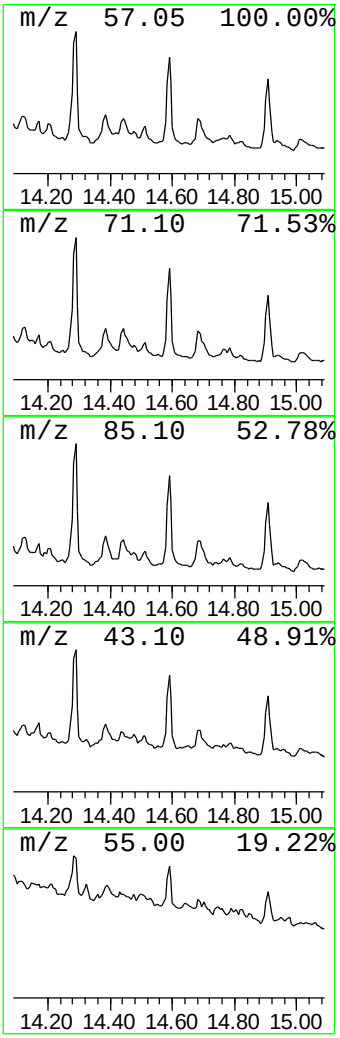
Peak Number 19 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	18.57 ng	1133610	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
5	Pentacosane	352	C25H52	000629-99-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107918.D
Acq On : 2 Aug 2018 19:18
Operator : JU/SJ
Sample : J4267-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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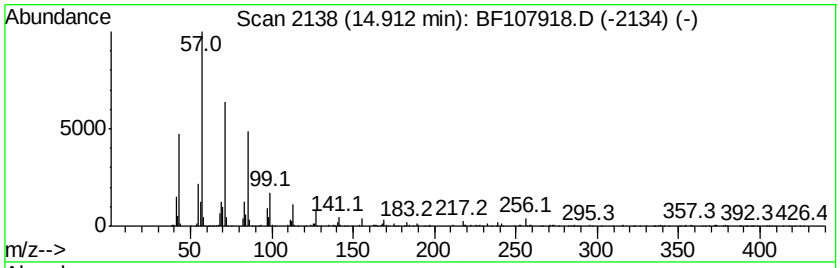
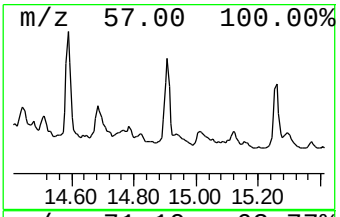
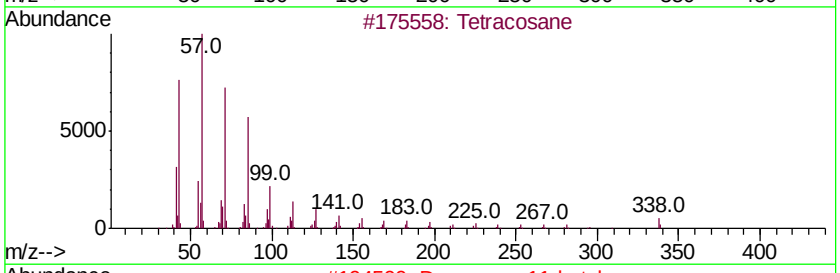
Peak Number 20 Nonadecane Concentration Rank 16

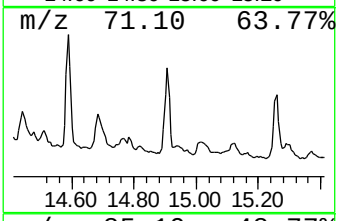
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	16.04 ng	979443	Chrysene-d12	14.18

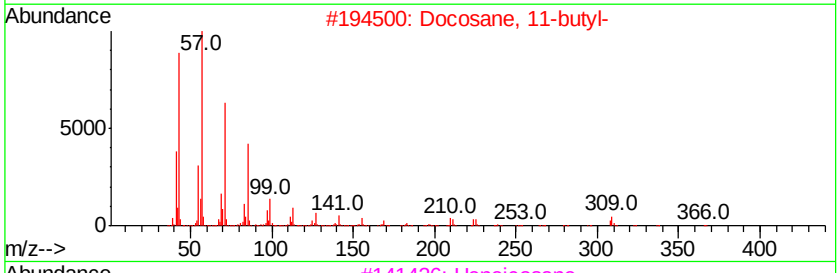
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87

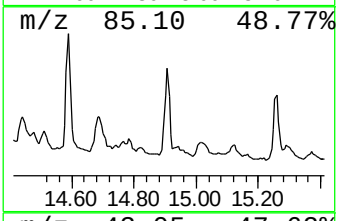


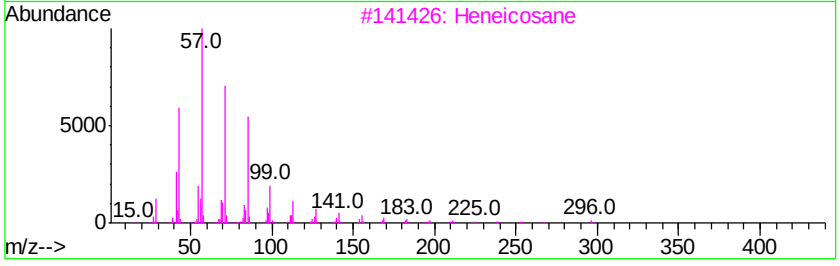


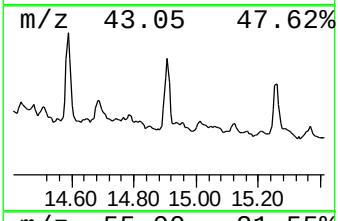


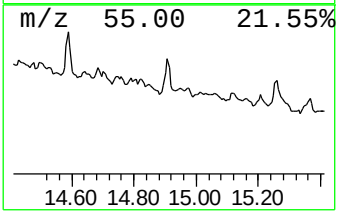












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
Data File : BF107918.D
Acq On : 2 Aug 2018 19:18
Operator : JU/SJ
Sample : J4267-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.38	6.38	15.6	ng	1497330	1	6.96	1922020	20.0
Cyclohexane, 1,1,...	6.48	37.9	ng	3646380	1	6.96	1922020	20.0
Cyclohexane, 1-me...	6.69	20.5	ng	1971870	1	6.96	1922020	20.0
unknown6.73	6.73	20.7	ng	1985630	1	6.96	1922020	20.0
Undecane	6.78	38.3	ng	3681530	1	6.96	1922020	20.0
unknown6.91	6.91	19.1	ng	1835680	1	6.96	1922020	20.0
Cyclohexane, (2-m...	7.09	24.3	ng	2336650	1	6.96	1922020	20.0
1-Ethyl-2,2,6-tri...	7.22	38.0	ng	3654810	1	6.96	1922020	20.0
Benzene, 1,4-diet...	7.27	22.8	ng	2193110	1	6.96	1922020	20.0
Nonane, 3,7-dimet...	7.32	18.0	ng	1726740	1	6.96	1922020	20.0
unknown7.42	7.42	12.8	ng	1233980	1	6.96	1922020	20.0
unknown7.60	7.60	37.4	ng	3595330	1	6.96	1922020	20.0
Naphthalene, deca...	7.77	16.7	ng	4852130	2	8.25	5802610	20.0
Cyclohexane, pentyl-	7.85	19.1	ng	5545480	2	8.25	5802610	20.0
1-Phenyl-1-butene	7.98	15.1	ng	4381500	2	8.25	5802610	20.0
unknown8.53	8.53	13.2	ng	3833530	2	8.25	5802610	20.0
Heptadecane, 2-me...	14.29	20.0	ng	1221080	5	14.18	1221080	20.0
Tetracosane	14.59	18.6	ng	1133610	5	14.18	1221080	20.0
Nonadecane	14.91	16.0	ng	979443	5	14.18	1221080	20.0