LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110280.D
Acq On : 29 Oct 2018 23:33
Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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-BF102318.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	2.234	21	25	38	rVB	165262	238312	2.05%	0.247%
2	5.581	590	594	604	rBV	1244967	1201656	10.34%	1.247%
3	6.204	696	700	704	rBV3	111143	169295	1.46%	0.176%
4	6.263	708	710	713	rVB	177638	143377	1.23%	0.149%
5	6.393	729	732	737	rBV4	94969	176226	1.52%	0.183%
6	6.504	746	751	756	rBV3	408423	643864	5.54%	0.668%
7	6.587	760	765	769	rBV	1357231	1304080	11.23%	1.354%
8	6.640	772	774	778	rBV2	212038	245825	2.12%	0.255%
9	6.716	781	787	788	rBV3	221604	359232	3.09%	0.373%
10	6.734	788	790	797	rVB	1392821	1588422	13.67%	1.649%
11	6.793	797	800	804	rBV	786815	773317	6.66%	0.803%
12	6.822	804	805	808	rVB	215803	167264	1.44%	0.174%
13	6.881	811	815	819	rBV3	186678	226511	1.95%	0.235%
14	6.928	819	823	826	rBV5	342619	623177	5.36%	0.647%
15	6.969	827	830	833	rVB	1508579	1354016	11.65%	1.406%
16	7.022	833	839	842	rBV3	335559	516046	4.44%	0.536%
17	7.051	842	844	845	rBV	220669	189428	1.63%	0.197%
18	7.104	850	853	855	rBV3	547111	573168	4.93%	0.595%
19	7.128	855	857	862	rVB2	1140515	1096478	9.44%	1.138%
20	7.187	865	867	870	rBV3	379447	372561	3.21%	0.387%
21	7.240	870	876	878	rBV4	1220952	1447049	12.46%	1.502%
22	7.263	878	880	882	rBV	408863	348685	3.00%	0.362%
23	7.287	882	884	885	rBV	463553	461443	3.97%	0.479%
24	7.345	890	894	895	rBV2	888370	889379	7.66%	0.923%
25	7.393	899	902	906	rVB3	575198	758831	6.53%	0.788%
26	7.434	906	909	911	rBV2	526593	659290	5.67%	0.684%
27	7.457	911	913	915	rVB	484443	367714	3.17%	0.382%
28	7.498	915	920	923	rBV3	1513154	2122443	18.27%	2.203%
29	7.534	923	926	928	rBV2	1073999	1326778	11.42%	1.377%
30	7.563	928	931	934	rVB	3184599	3356924	28.90%	3.485%
31	7.616	934	940	943	rBV4	1621916	2600904	22.39%	2.700%
32	7.663	943	948	953	rBV4	1000745	2332956	20.08%	2.422%
33	7.740	959	961	963	rBV2	1175296	1096255	9.44%	1.138%
34	7.769	963	966	967	rVV2	645764	524998	4.52%	0.545%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.845	975	979	981	rBV4	854507	1157564	9.96%	1.202%
36	7.875	981	984	985	rVV	888893	769348	6.62%	0.799%
37	7.898	985	988	991	rVV3	2116192	2536507	21.83%	2.633%
38	7.928	991	993	996	rVB3	1104642	1225413	10.55%	1.272%
39	7.963	996	999	1001	rBV3	1197216	1101644	9.48%	1.144%
40	7.998	1001	1005	1007	rBV3	2445949	2530094	21.78%	2.626%
41	8.016	1007	1008	1010	rVB	724718	497519	4.28%	0.516%
42	8.045	1010	1013	1014	rBV3	800877	661979	5.70%	0.687%
43	8.069	1014	1017	1020	rVB3	945445	986382	8.49%	1.024%
44	8.128	1024	1027	1029	rBV2	1446774	1507402	12.98%	1.565%
45	8.157	1029	1032	1034	rBV2	686614	717103	6.17%	0.744%
46	8.204	1036	1040	1042	rBV3	1087187	1466998	12.63%	1.523%
47	8.240	1042	1046	1049	rBV2	5158792	5984755	51.52%	6.212%
48	8.310	1055	1058	1061	rVB2	3266574	3816483	32.85%	3.962%
49	8.345	1061	1064	1072	rVB5	1906133	2314054	19.92%	2.402%
50	8.410	1072	1075	1076	rBV2	853580	848336	7.30%	0.881%
51	8.434	1076	1079	1081	rBV3	644511	801419	6.90%	0.832%
52	8.463	1081	1084	1088	rVB2	1671690	1870618	16.10%	1.942%
53	8.510	1089	1092	1094	rBV2	740465	786872	6.77%	0.817%
54	8.551	1095	1099	1103	rBV4	2288244	4086511	35.18%	4.242%
55	8.681	1118	1121	1122	rBV	2033172	2023273	17.42%	2.100%
56	8.775	1134	1137	1139	rBV2	1769109	1995961	17.18%	2.072%
57	8.857	1147	1151	1159	rBV3	3208204	7449648	64.12%	7.733%
58	9.092	1188	1191	1193	rBV2	1248561	1706383	14.69%	1.771%
59	9.439	1244	1250	1258	rBV3	3680302	11617486	100.00%	12.060%
60	12.992	1852	1854	1856	rVB	1783723	1472684	12.68%	1.529%
61	13.339	1911	1913	1915	rVB	1918185	1473549	12.68%	1.530%
62	13.669	1967	1969	1974	rVB	1370210	1421439	12.24%	1.476%
63	13.992	2022	2024	2031	rVB2	1125054	1250852	10.77%	1.298%

Sum of corrected areas: 96334180

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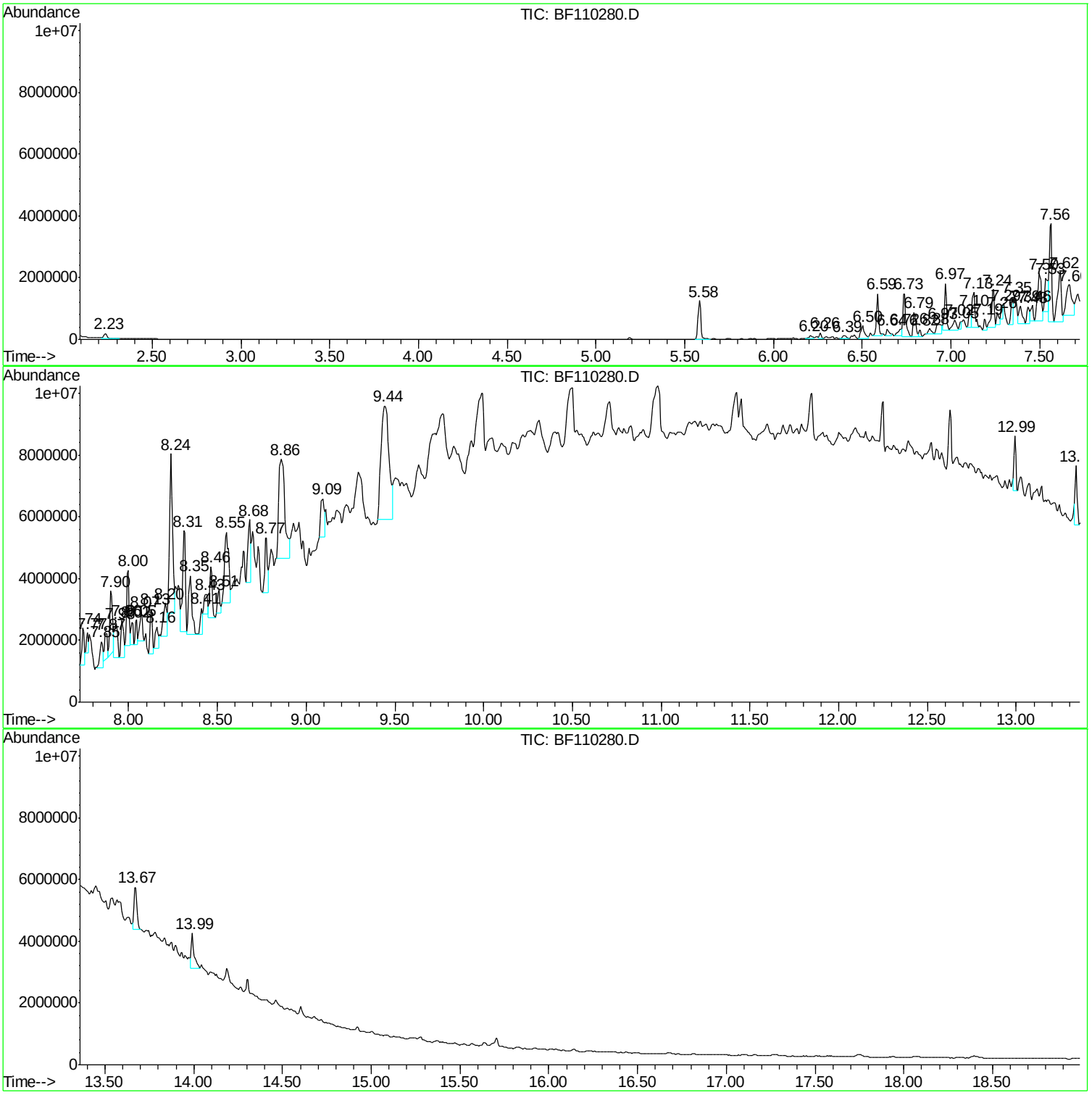
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102918\
Data File : BF110280.D
Acq On : 29 Oct 2018 23:33
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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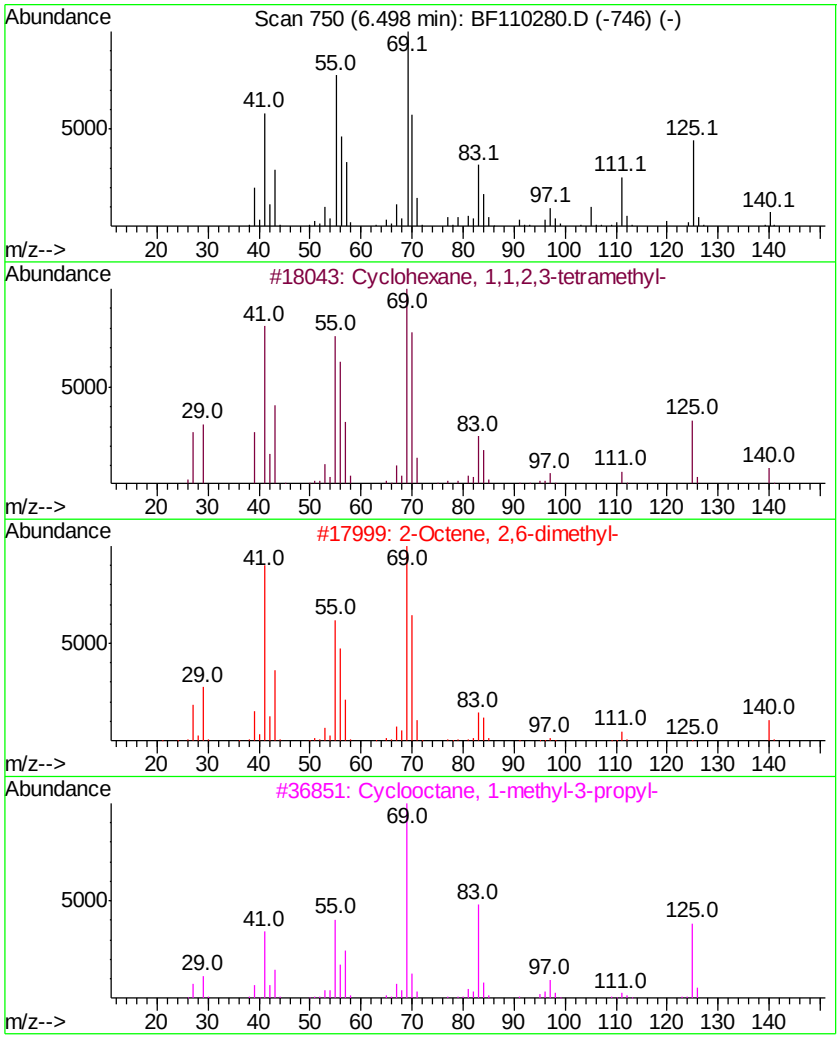
TIC Integration Parameters: LSCINT.P

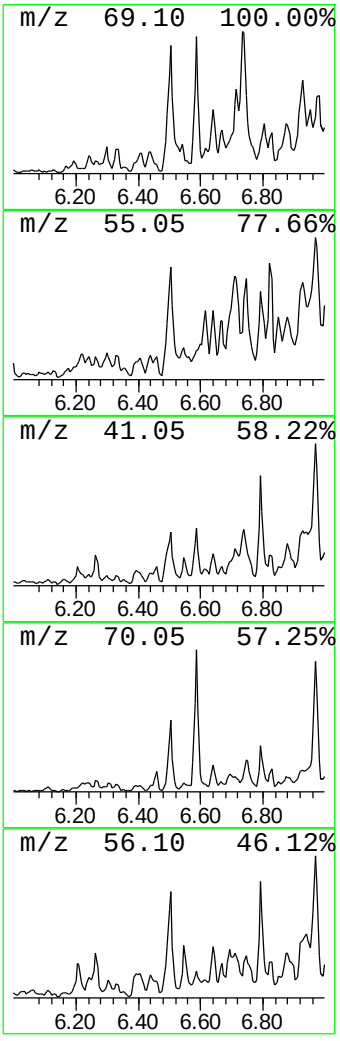
****

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	9.51 ng	643864	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	50
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110280.D
Acq On : 29 Oct 2018 23:33
Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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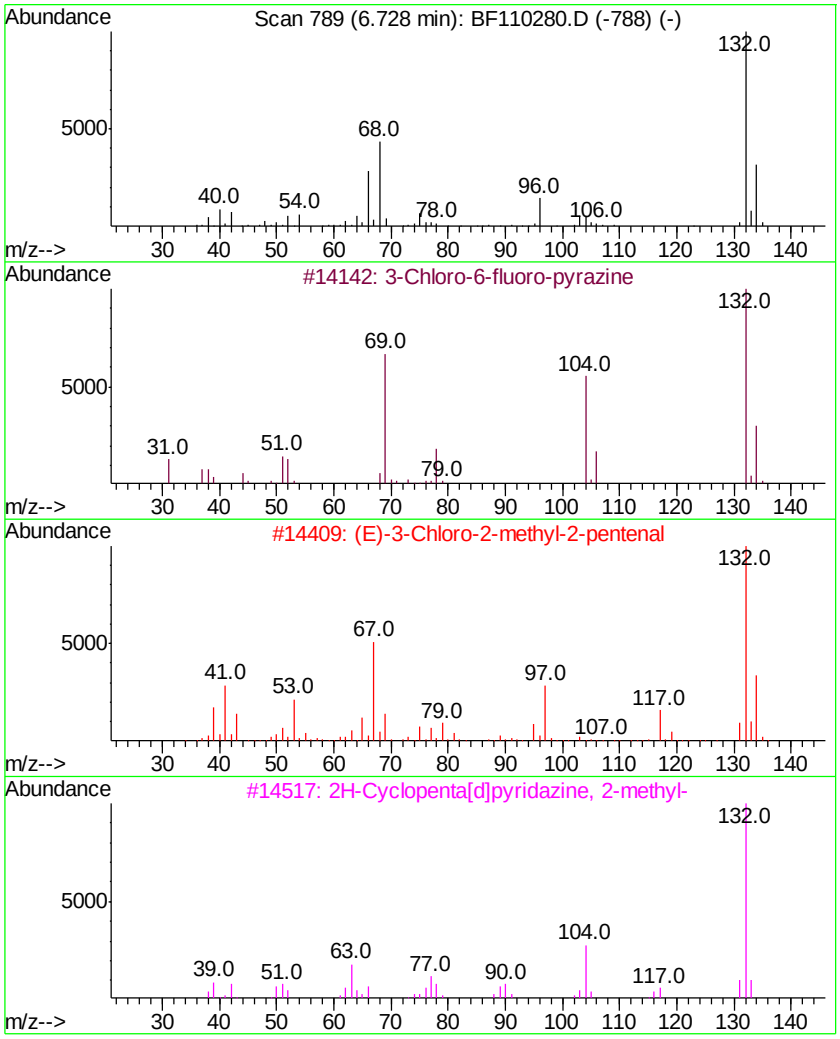
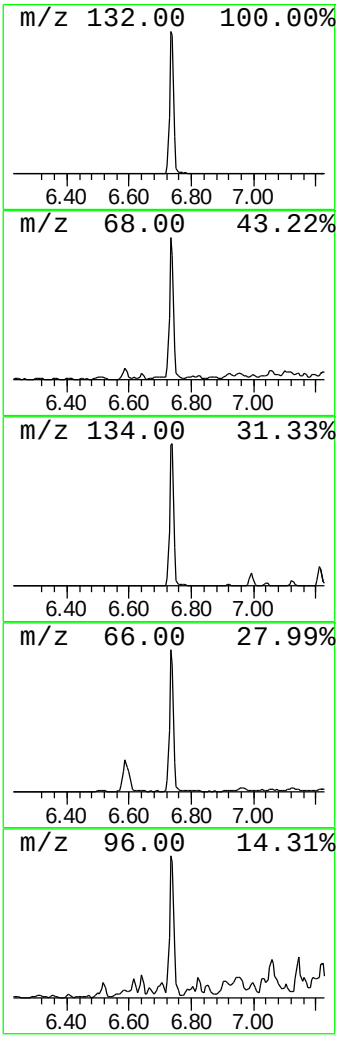
Peak Number 2 unknown6.73 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	23.46 ng	1588420	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
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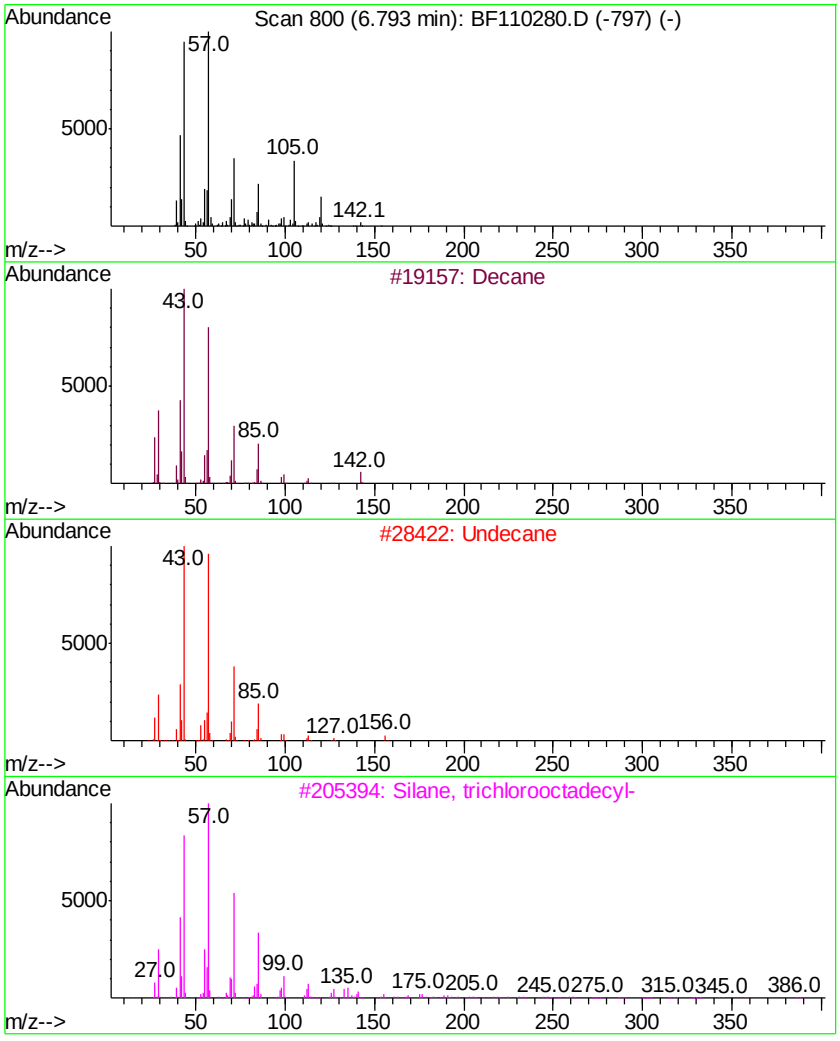
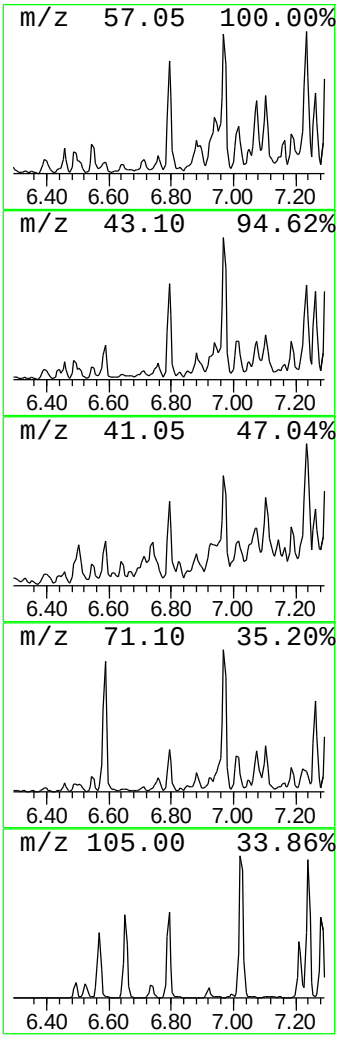
Peak Number 3 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	11.42 ng	773317	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	58
2	Undecane	156	C11H24	001120-21-4	58
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	53
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110280.D
Acq On : 29 Oct 2018 23:33
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
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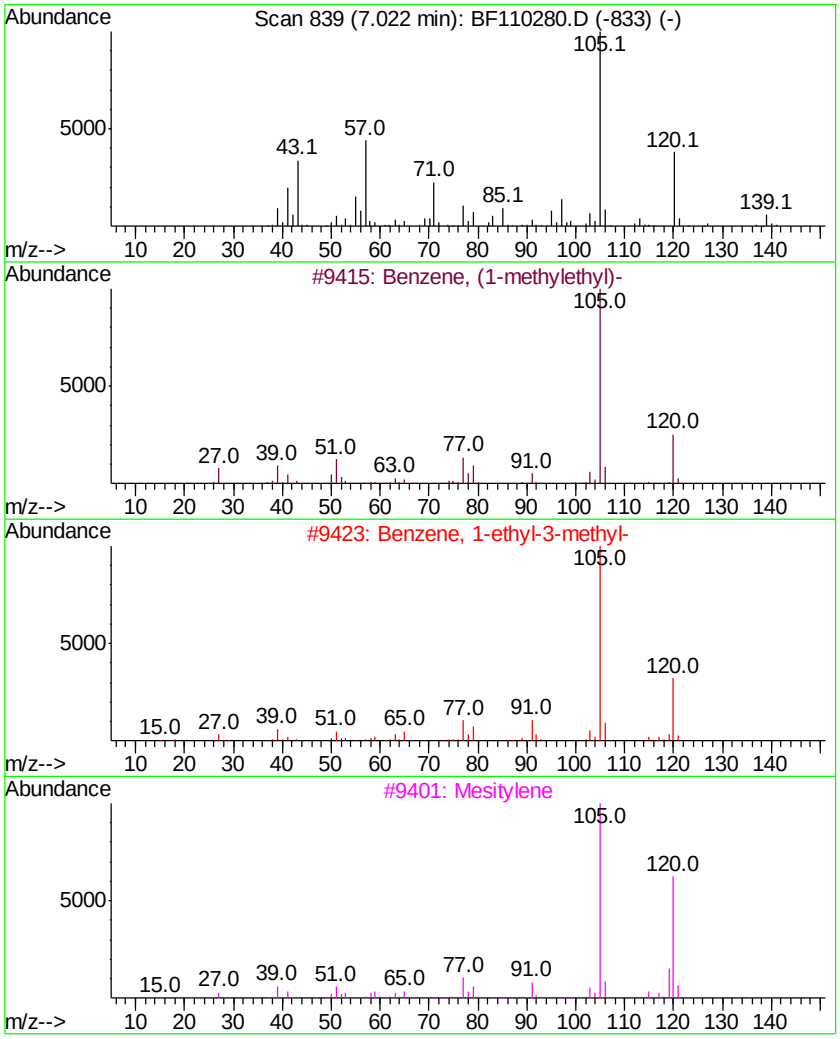
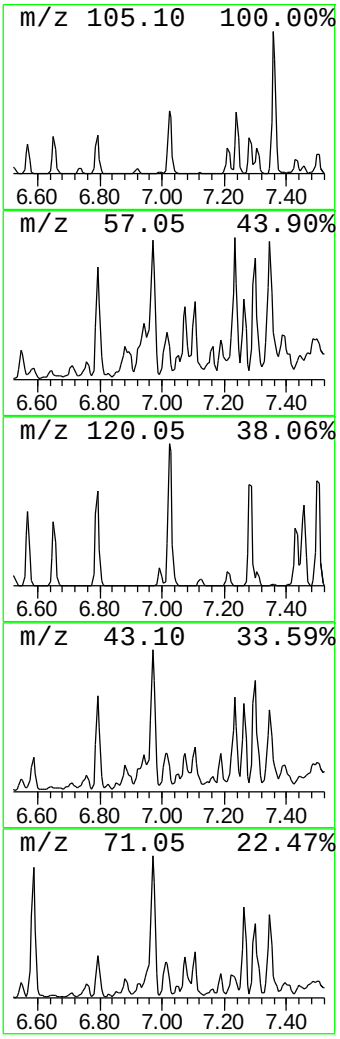
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	7.62 ng	516046	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	53
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	49
3	Mesitylene	120	C9H12	000108-67-8	49
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	49
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	49





Library Search Compound Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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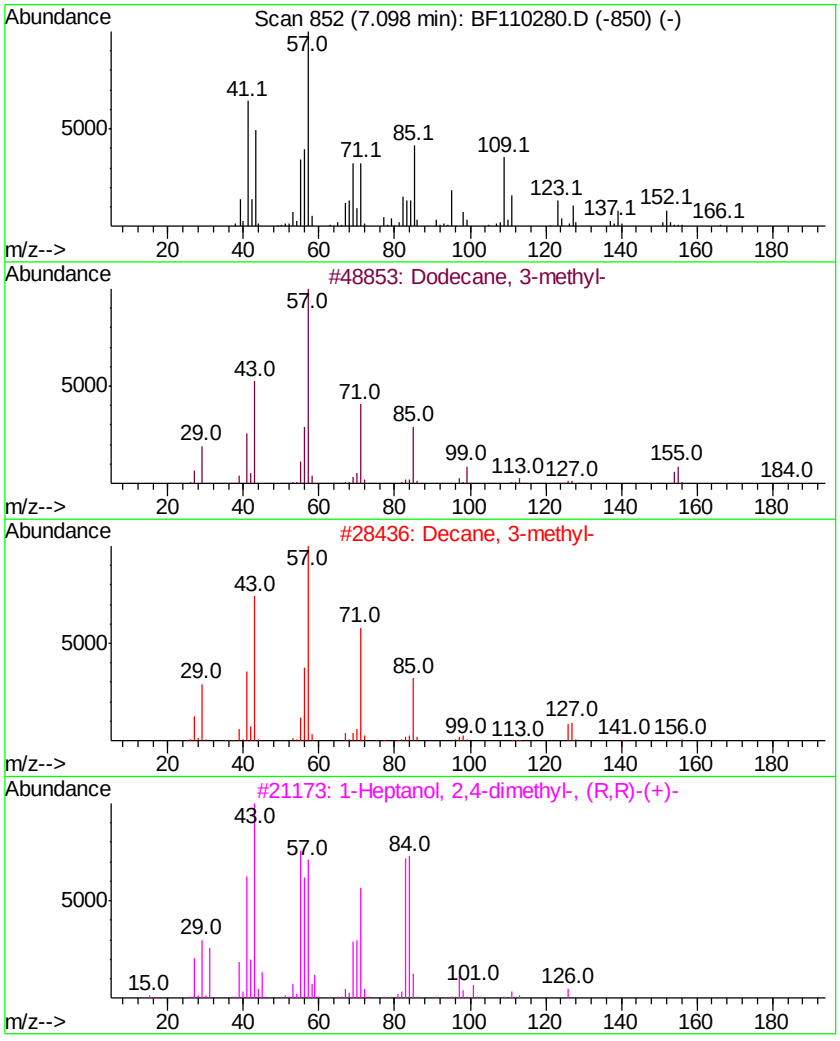
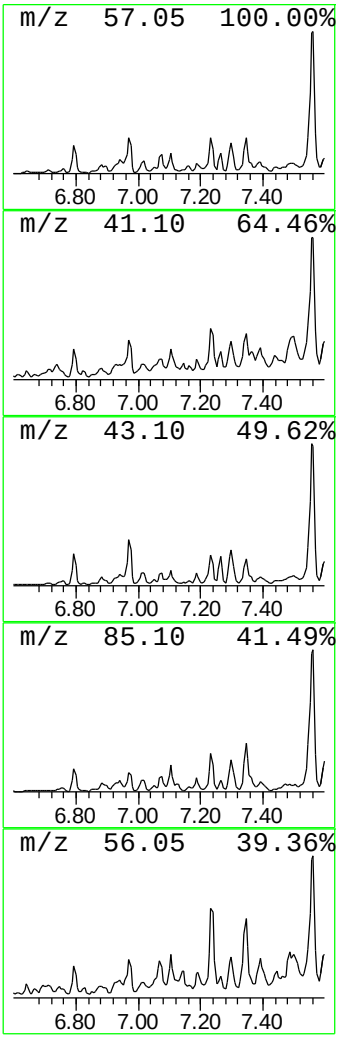
Peak Number 5 unknown7.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	8.47 ng	573168	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2	Decane, 3-methyl-	156	C11H24	013151-34-3	38
3	1-Heptanol, 2,4-dimethyl-, (R,R)...	144	C9H20O	018450-73-2	38
4	Heneicosane	296	C21H44	000629-94-7	38
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	35





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Instrument : BNA_F
ClientSampleId : SB-12

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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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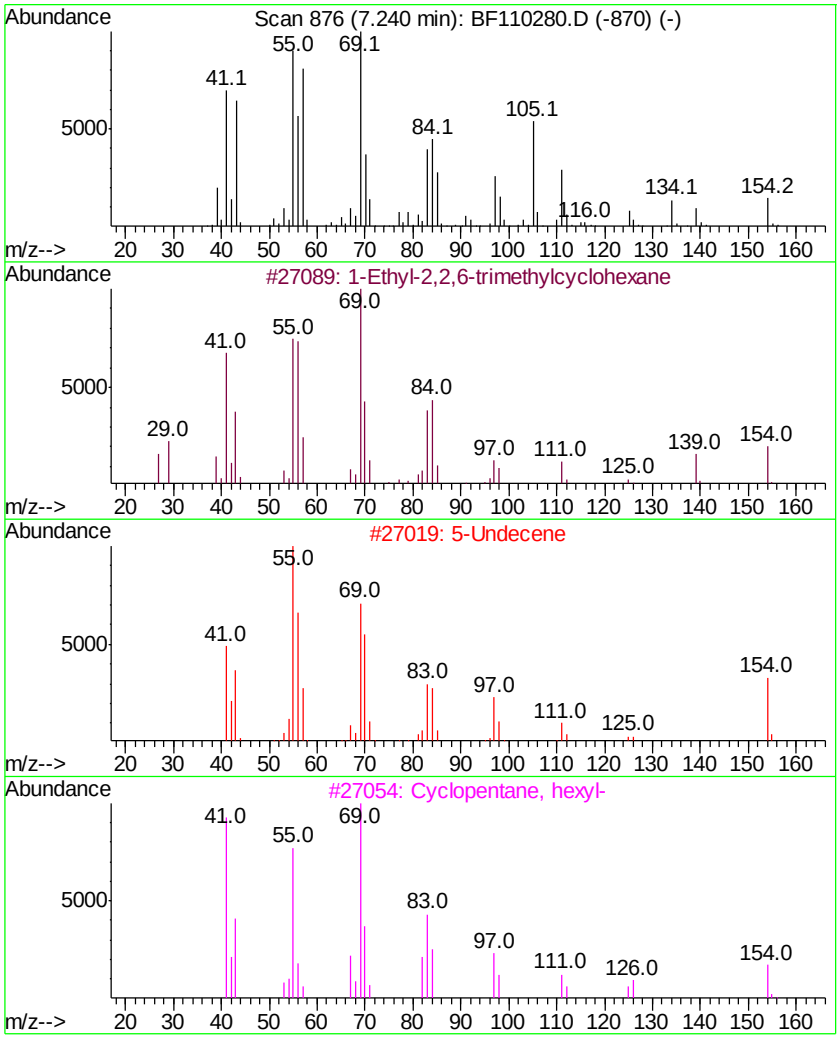
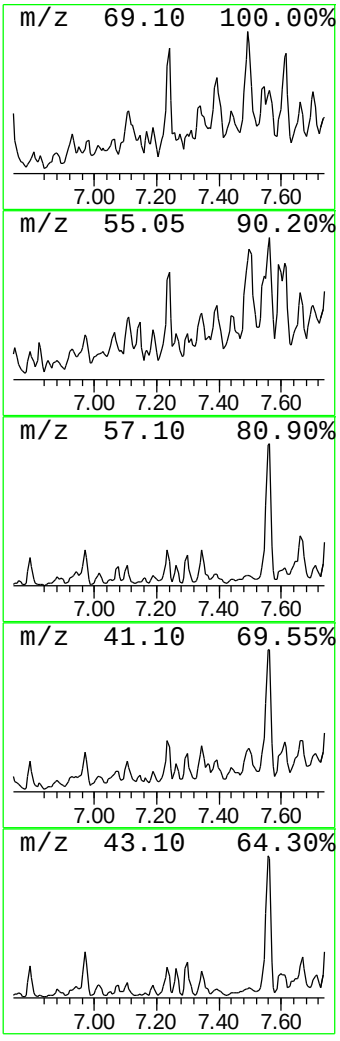
Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	21.37 ng	1447050	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
2	5-Undecene	154	C11H22	004941-53-1	68
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	60
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	52





Library Search Compound Report

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Data File : BF110280.D
Acq On : 29 Oct 2018 23:33
Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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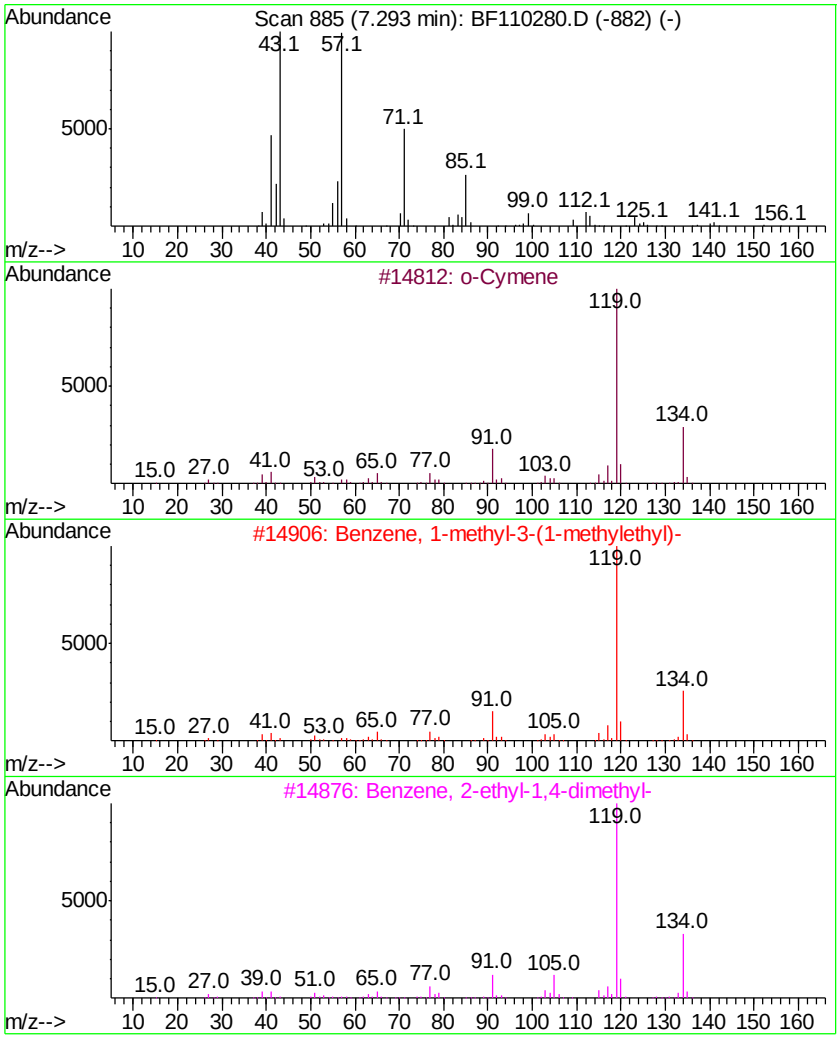
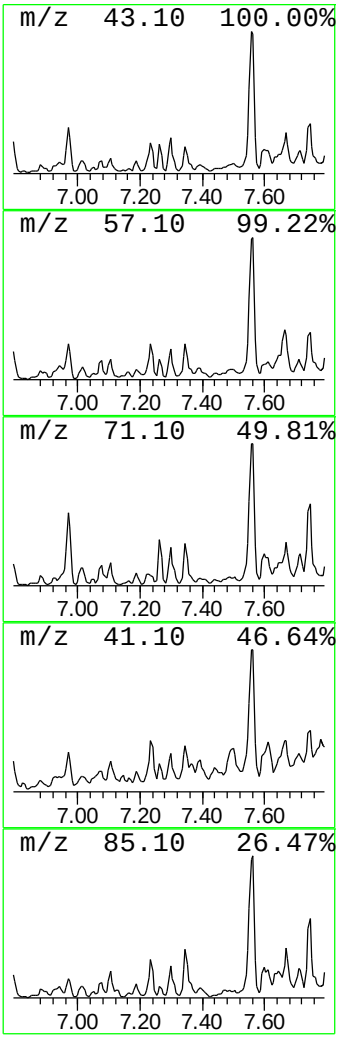
Peak Number 8 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	6.82 ng	461443	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Library Search Compound Report

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Data File : BF110280.D
Acq On : 29 Oct 2018 23:33
Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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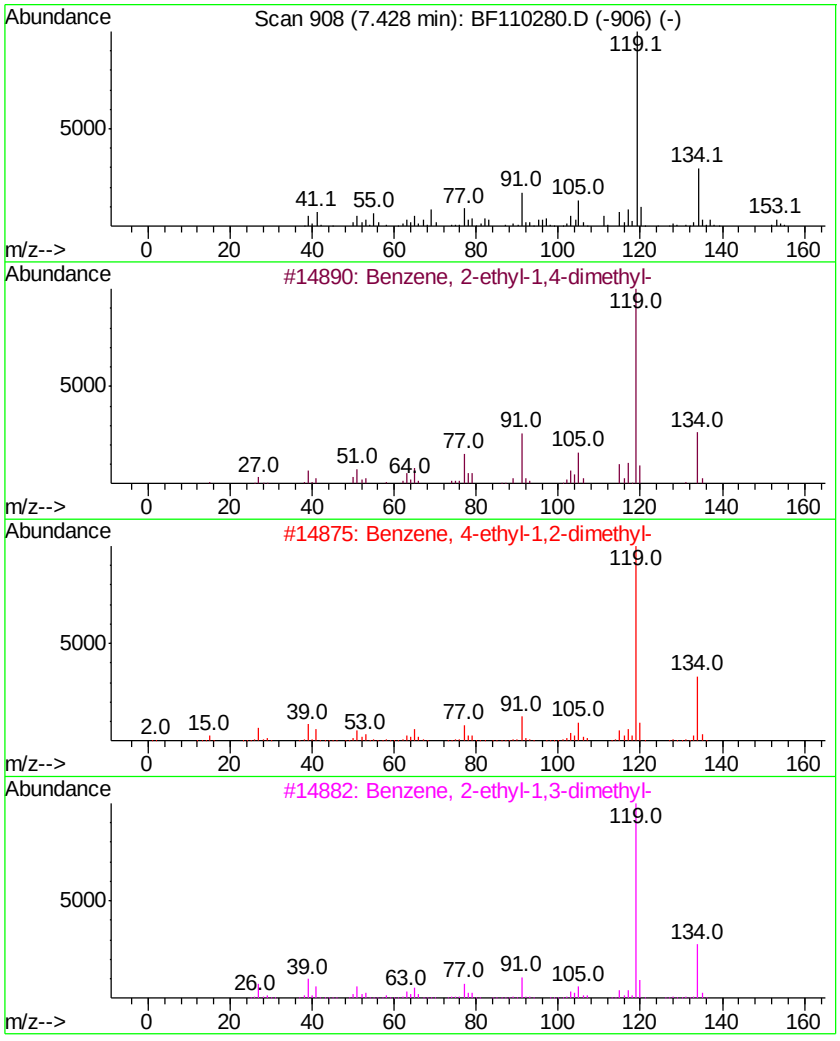
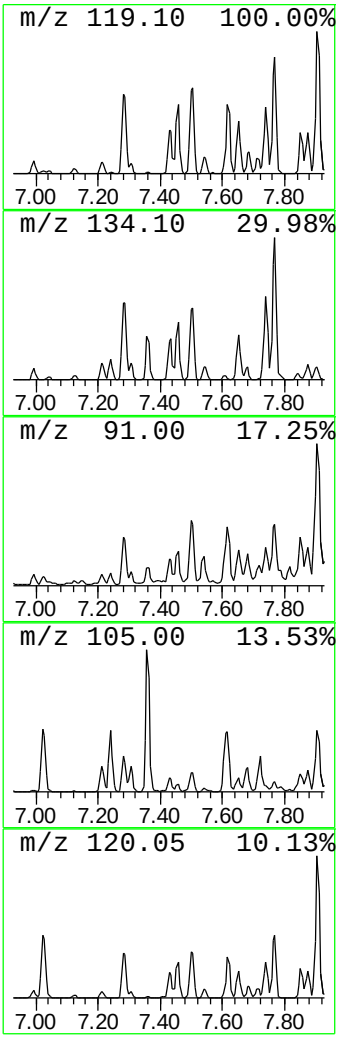
Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	9.74 ng	659290	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Sample : J5691-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-12

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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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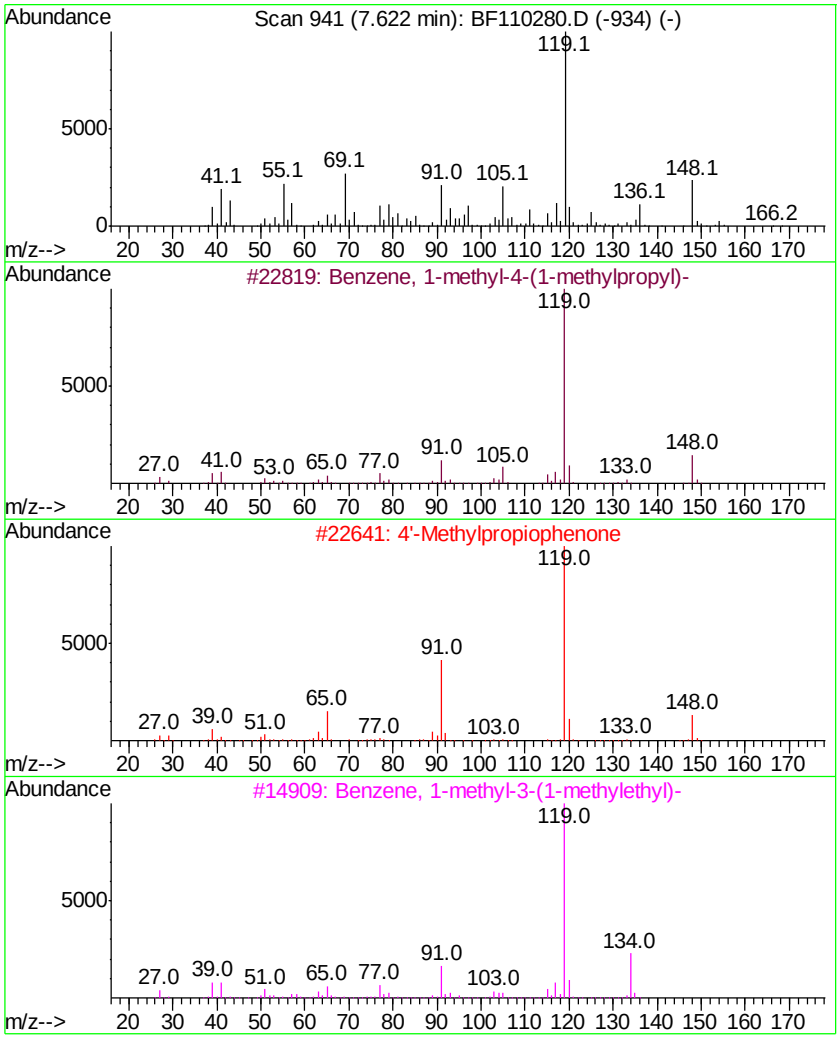
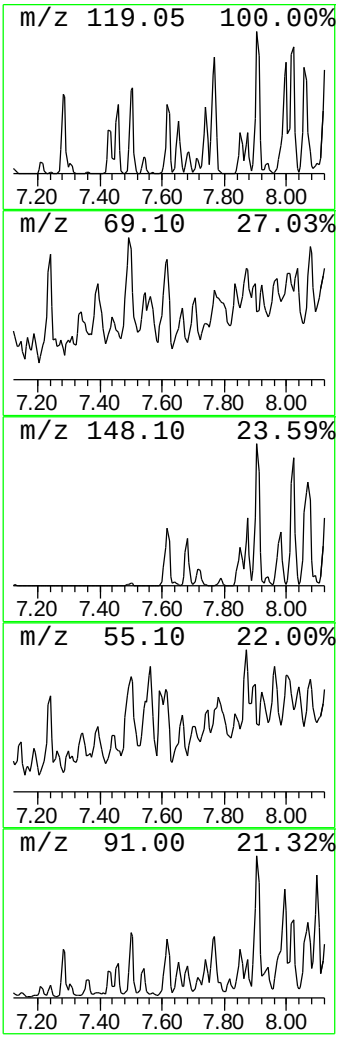
Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	8.69 ng	2600900	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	60
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	55
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
5	p-Cymene	134	C10H14	000099-87-6	46





Library Search Compound Report

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Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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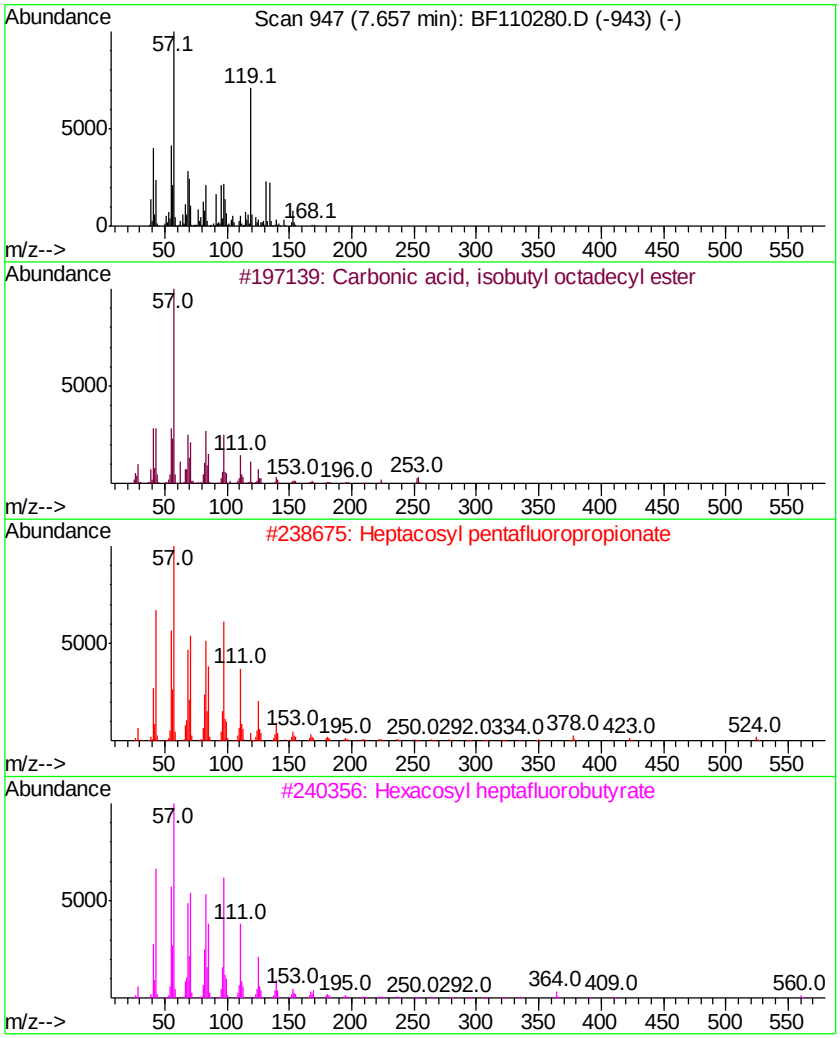
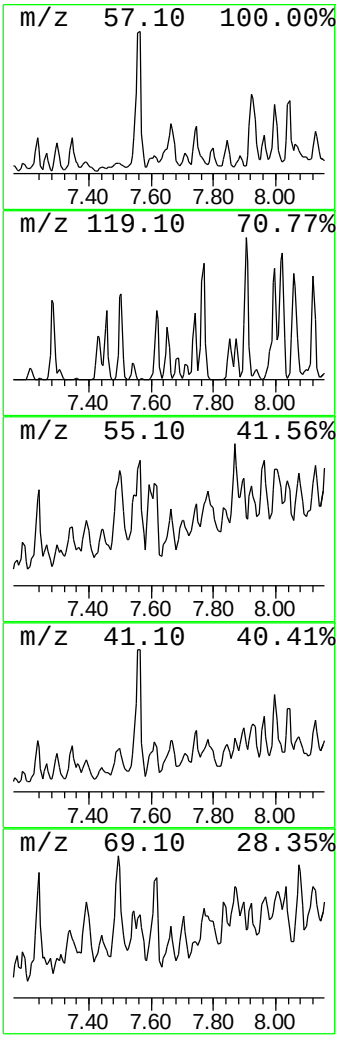
Peak Number 11 Carbonic acid, isobutyl oct... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	7.80 ng	2332960	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	59
2	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	43
3	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	43
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	43
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38





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Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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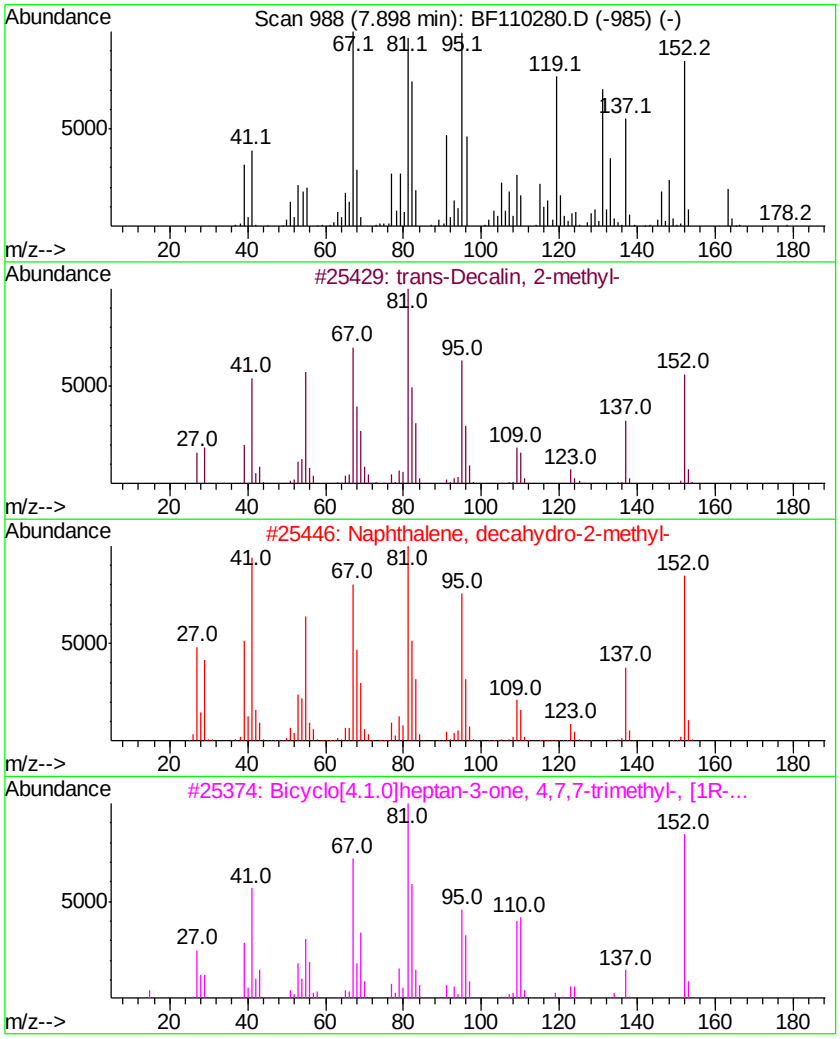
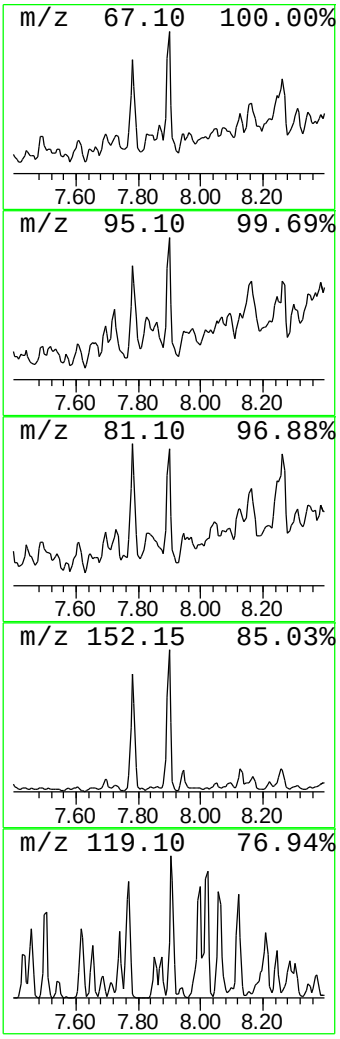
Peak Number 12 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	8.48 ng	2536510	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49
4	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49
5	9-Octadecyne	250	C18H34	035365-59-4	49





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Acq On : 29 Oct 2018 23:33
Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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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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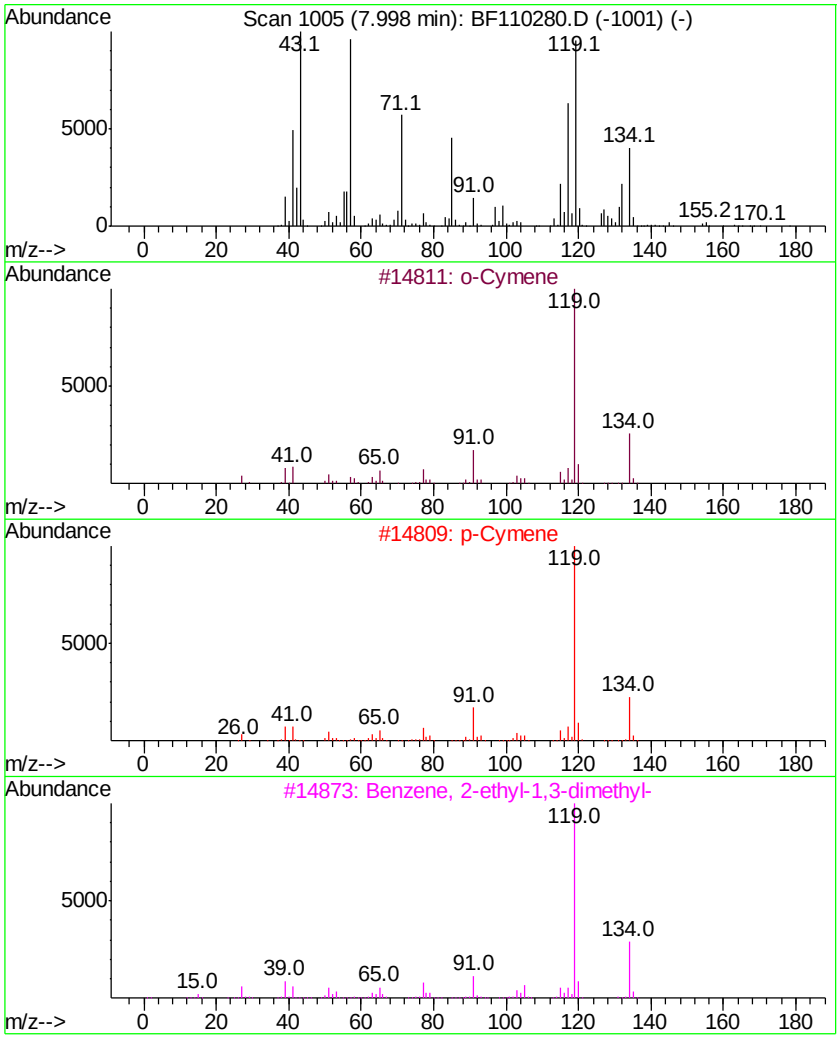
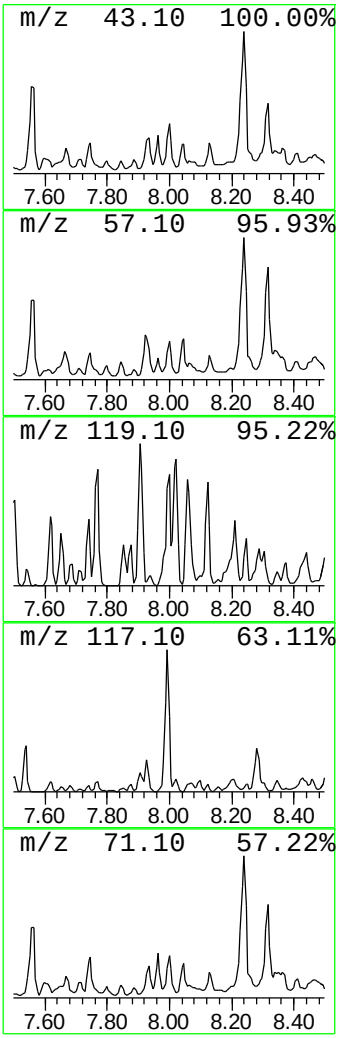
Peak Number 13 unknown8.00 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	8.46 ng	2530090	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	46
2	p-Cymene	134	C10H14	000099-87-6	46
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	41
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	41
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	38





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Sample : J5691-01 2X
Misc :
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ClientSampleId : SB-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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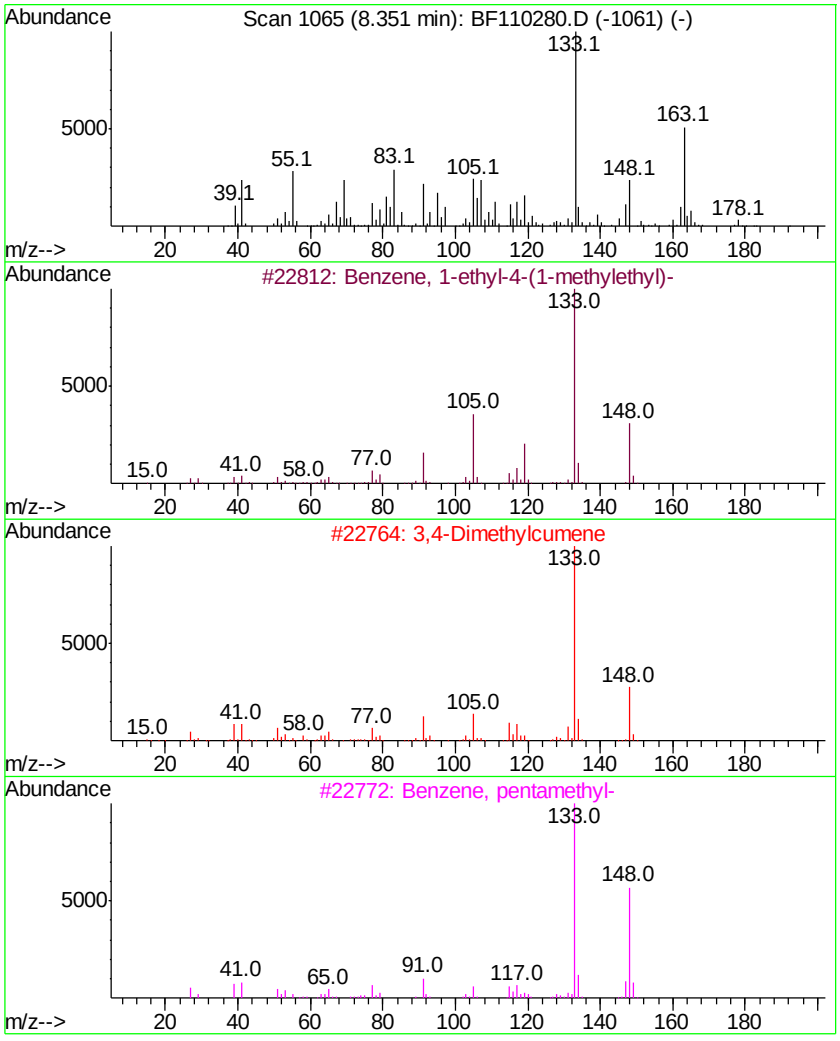
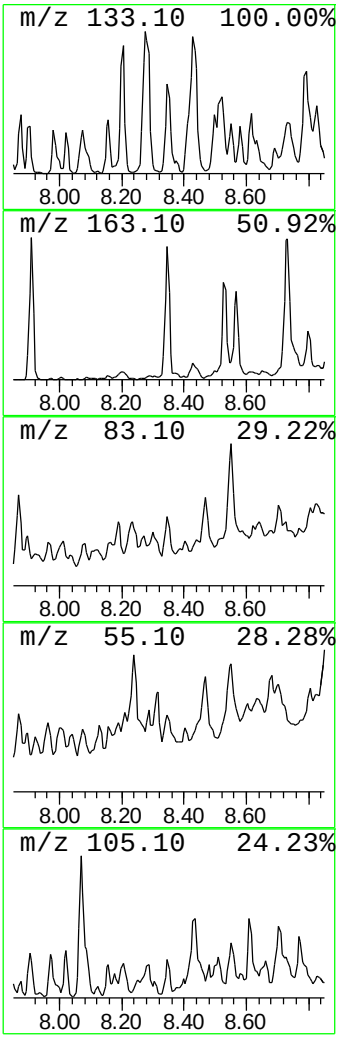
Peak Number 14 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	7.73 ng	2314050	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	55
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	49
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49





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Acq On : 29 Oct 2018 23:33
Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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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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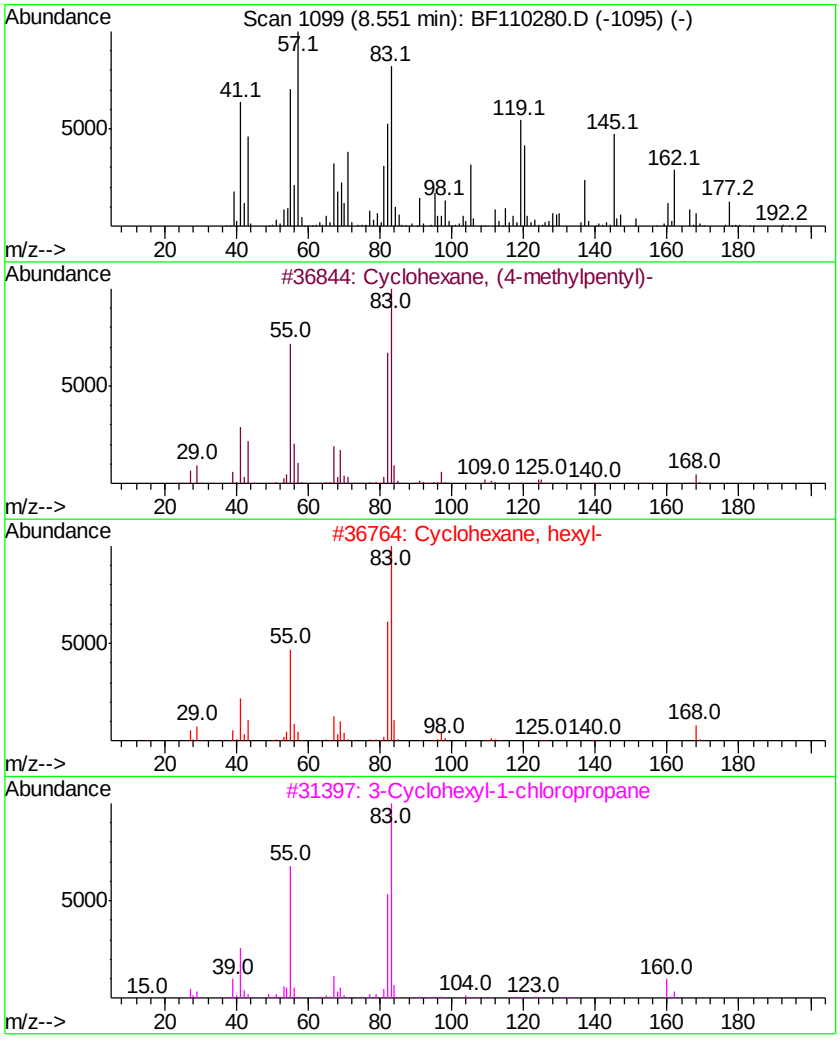
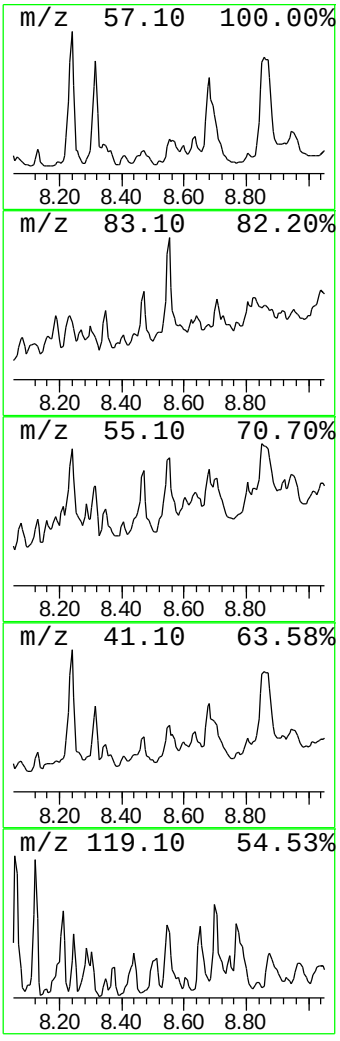
Peak Number 15 unknown8.55 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	13.66 ng	4086510	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	25
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	25
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	25
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	14
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	11





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Sample : J5691-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-12

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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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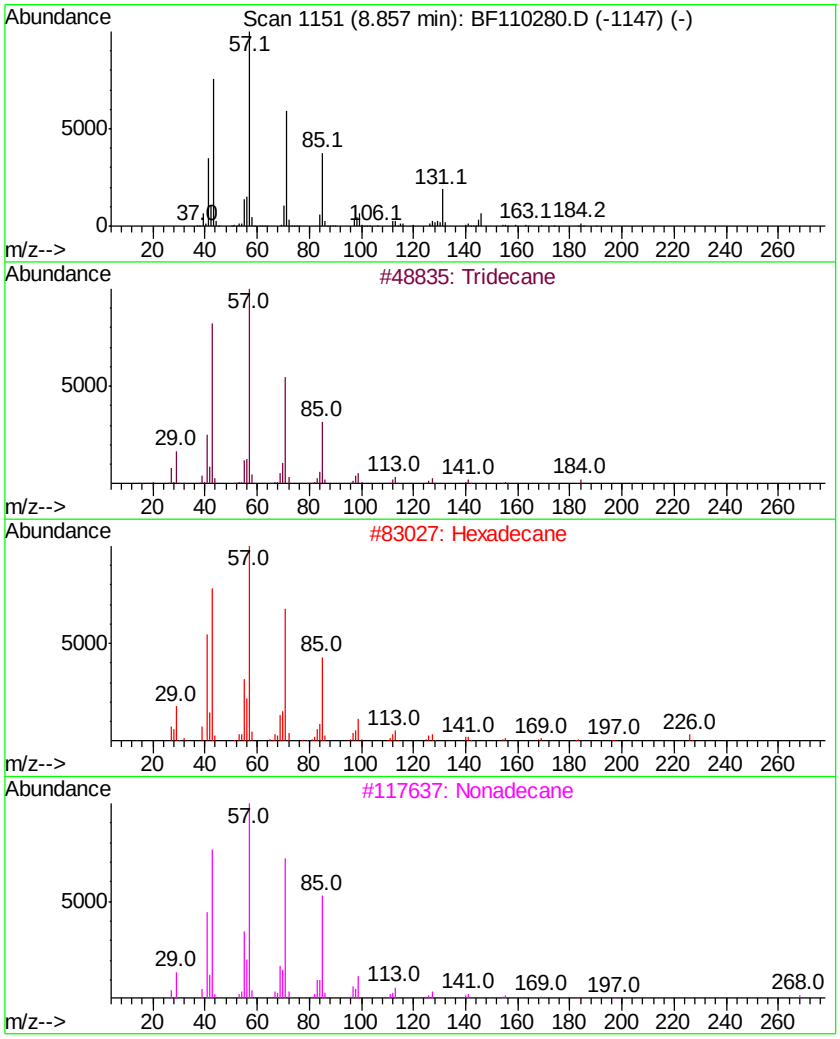
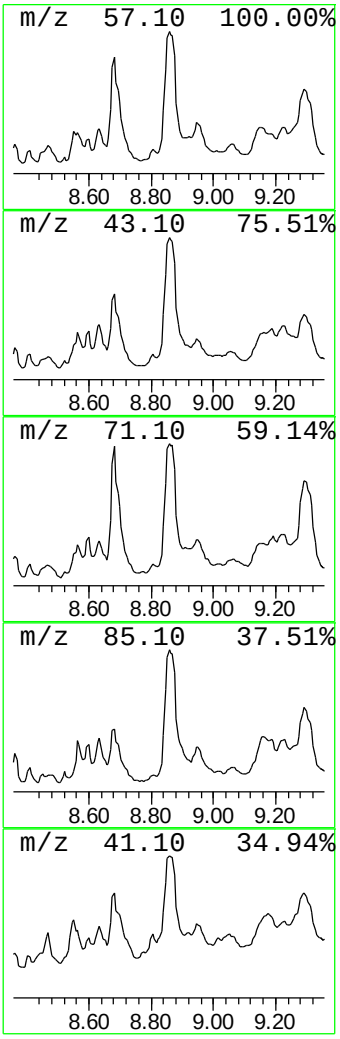
Peak Number 16 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	24.90 ng	7449650	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	80
3	Nonadecane	268	C19H40	000629-92-5	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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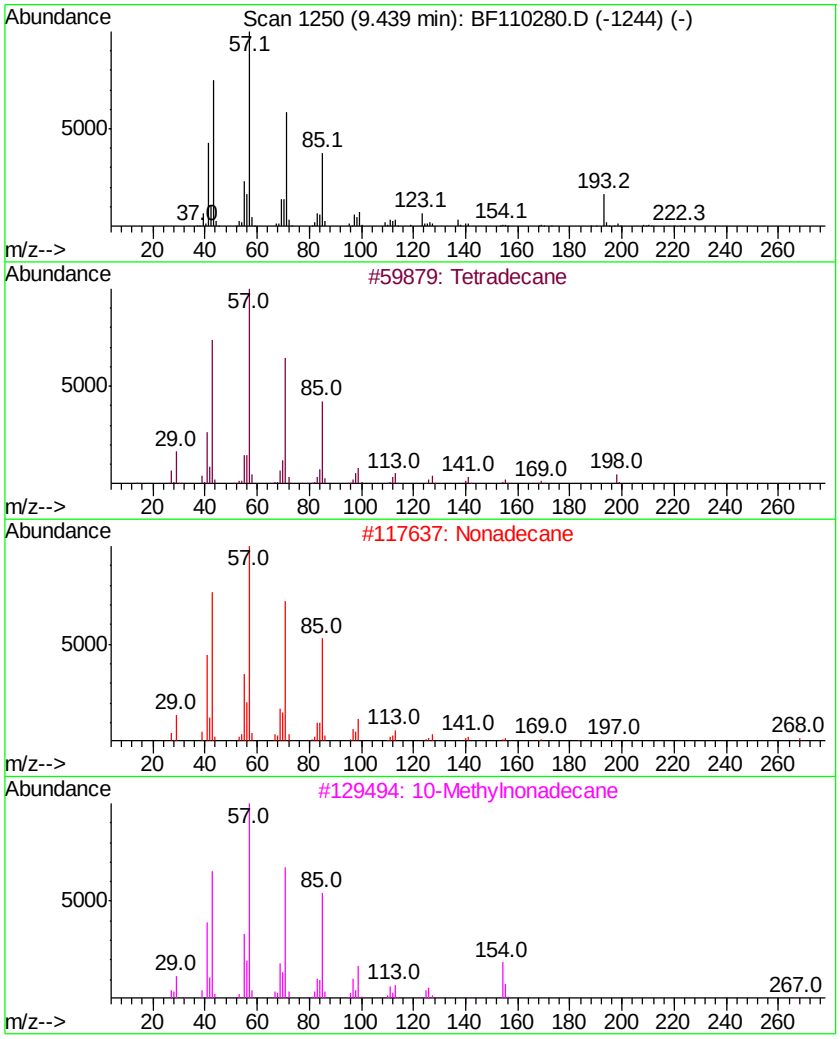
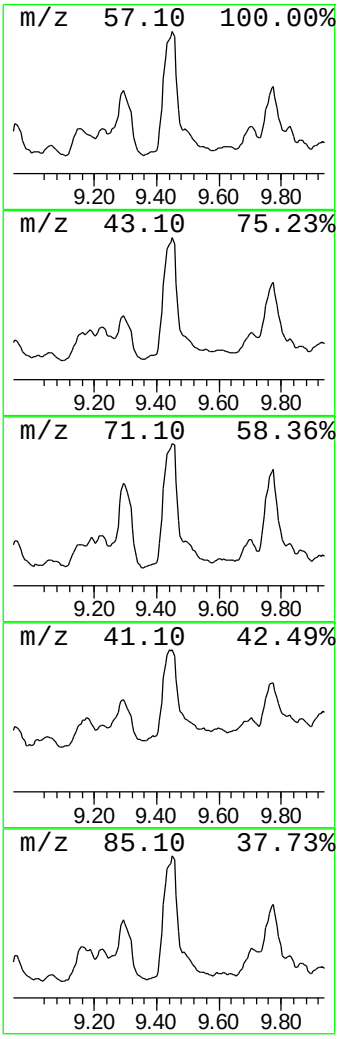
Peak Number 17 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	20.00 ng	11617500	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane	268	C19H40	000629-92-5	74
3	10-Methylnonadecane	282	C20H42	056862-62-5	74
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	9-methylheptadecane	254	C18H38	026741-18-4	72





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Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

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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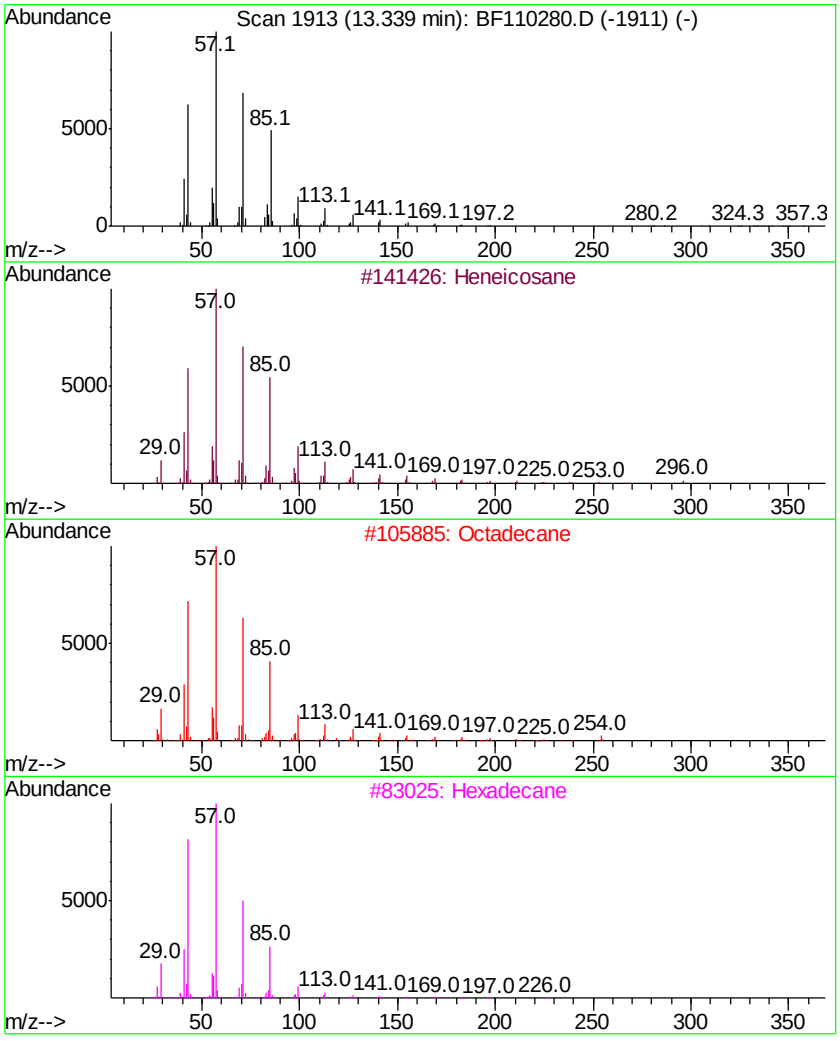
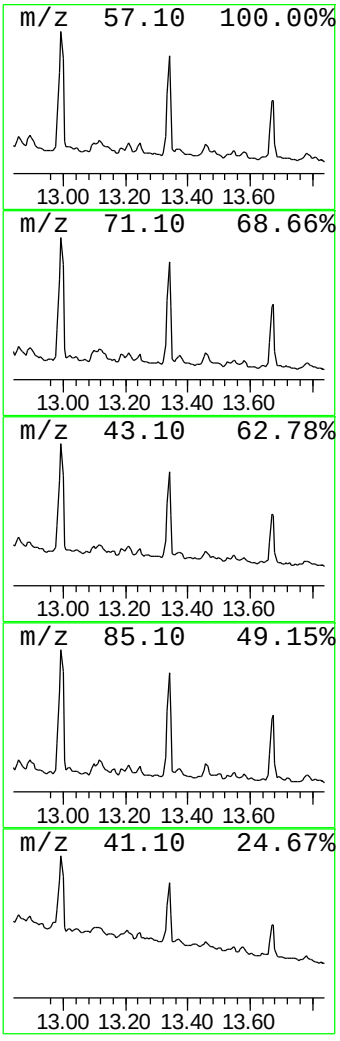
Peak Number 18 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	23.56 ng	1473550	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octacosane	394	C28H58	000630-02-4	80





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Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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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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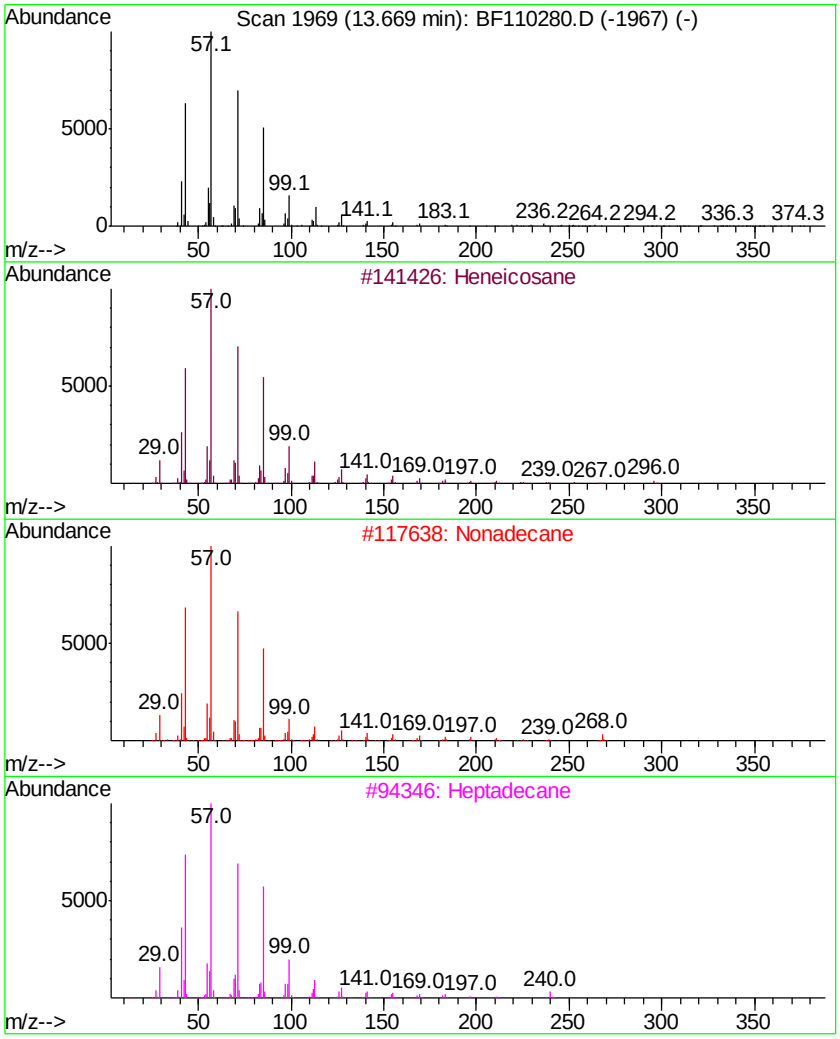
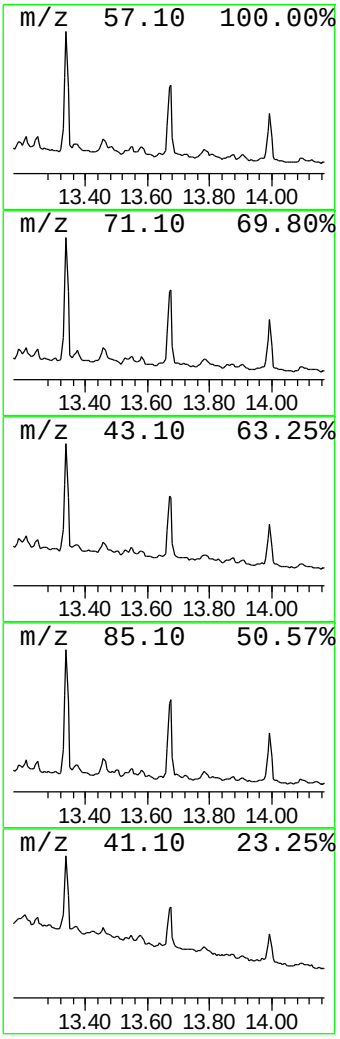
Peak Number 19 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	22.73 ng	1421440	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	83
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	78





Library Search Compound Report

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Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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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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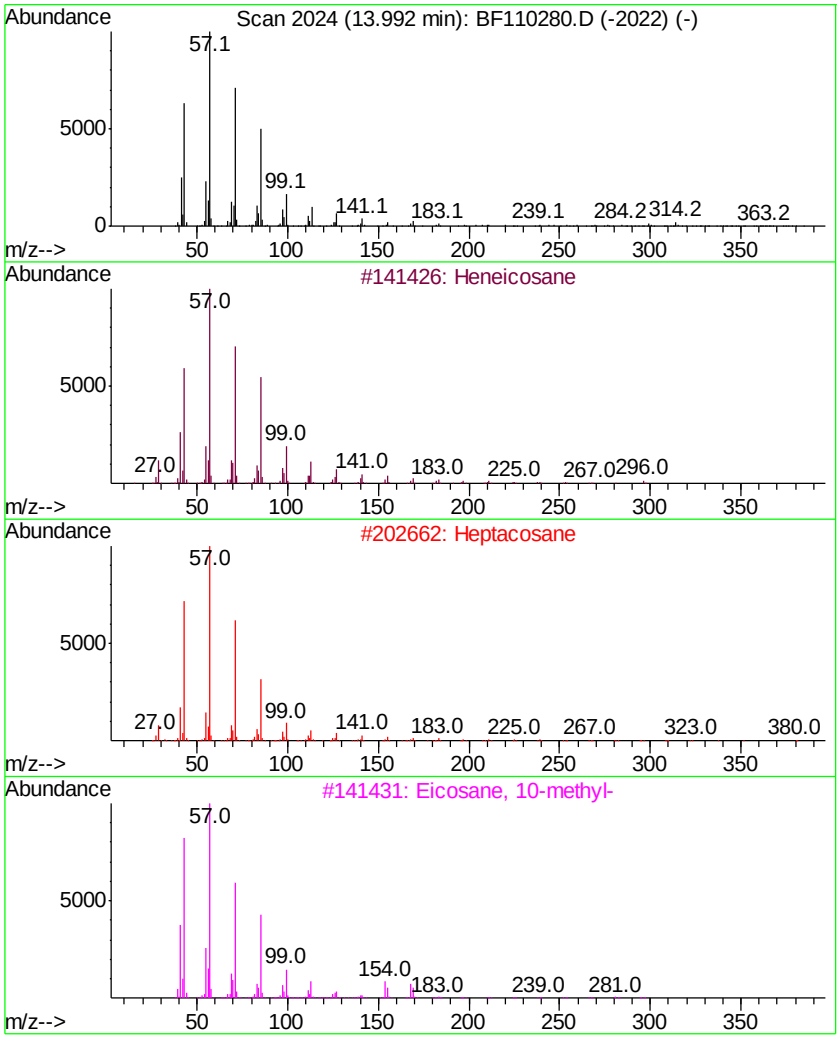
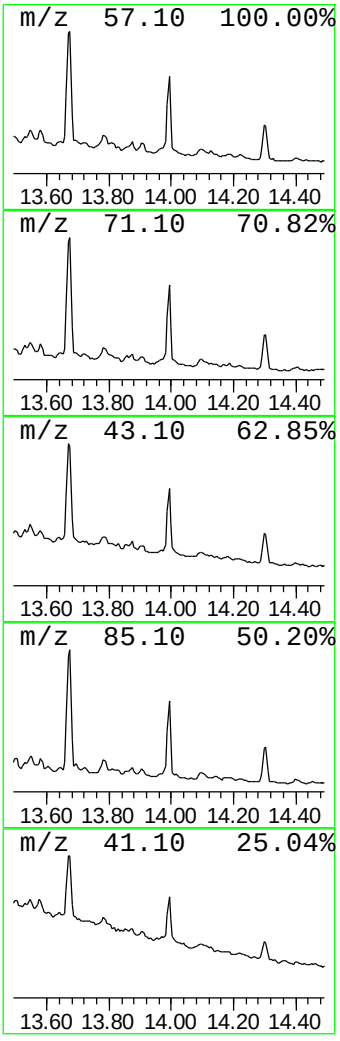
Peak Number 20 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	20.00 ng	1250850	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptacosane	380	C27H56	000593-49-7	95
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102918\
Data File : BF110280.D
Acq On : 29 Oct 2018 23:33
Operator : JU/SJ
Sample : J5691-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Cyclohexane, 1,1,...	6.50	9.5	ng	643864	1	6.97	1354020	20.0
unknown6.73	6.73	23.5	ng	1588420	1	6.97	1354020	20.0
Decane	6.79	11.4	ng	773317	1	6.97	1354020	20.0
Benzene, (1-methy...	7.02	7.6	ng	516046	1	6.97	1354020	20.0
unknown7.10	7.10	8.5	ng	573168	1	6.97	1354020	20.0
1-Ethyl-2,2,6-tri...	7.24	21.4	ng	1447050	1	6.97	1354020	20.0
o-Cymene	7.29	6.8	ng	461443	1	6.97	1354020	20.0
Benzene, 2-ethyl-...	7.43	9.7	ng	659290	1	6.97	1354020	20.0
Benzene, 1-methyl...	7.62	8.7	ng	2600900	2	8.26	5984760	20.0
Carbonic acid, is...	7.66	7.8	ng	2332960	2	8.26	5984760	20.0
trans-Decalin, 2-...	7.90	8.5	ng	2536510	2	8.26	5984760	20.0
unknown8.00	8.00	8.5	ng	2530090	2	8.26	5984760	20.0
Benzene, 1-ethyl-...	8.35	7.7	ng	2314050	2	8.26	5984760	20.0
unknown8.55	8.55	13.7	ng	4086510	2	8.26	5984760	20.0
Tridecane	8.86	24.9	ng	7449650	2	8.26	5984760	20.0
Tetradecane	9.44	20.0	ng	11617500	3	10.06	11617500	20.0
Heneicosane	13.34	23.6	ng	1473550	5	14.19	1250850	20.0
Nonadecane	13.67	22.7	ng	1421440	5	14.19	1250850	20.0
Heptacosane	13.99	20.0	ng	1250850	5	14.19	1250850	20.0