LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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-BF090518.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	4.931	437	441	449	rVB	108143	133687	3.84%	0.273%
2	5.348	507	512	515	rBV	3086920	3040871	87.35%	6.214%
3	5.760	575	582	586	rVB3	38727	55531	1.60%	0.113%
4	5.825	586	593	596	rBV3	31108	51565	1.48%	0.105%
5	5.901	603	606	611	rVB	59549	53203	1.53%	0.109%
6	5.954	611	615	619	rBV3	43743	70472	2.02%	0.144%
7	5.996	619	622	625	rBV	161948	171935	4.94%	0.351%
8	6.054	629	632	635	rBV	178092	165196	4.75%	0.338%
9	6.190	649	655	658	rBV2	125702	161296	4.63%	0.330%
10	6.248	663	665	667	rBV	83077	66081	1.90%	0.135%
11	6.278	667	670	673	rBV	180026	190317	5.47%	0.389%
12	6.366	679	685	688	rBV	3437568	3233955	92.89%	6.609%
13	6.395	688	690	692	rVB2	53835	38256	1.10%	0.078%
14	6.419	692	694	696	rVB2	114753	85618	2.46%	0.175%
15	6.448	696	699	702	rVB2	85022	91254	2.62%	0.186%
16	6.501	702	708	711	rBV	3736415	3481329	100.00%	7.115%
17	6.590	721	723	724	rBV	129036	99593	2.86%	0.204%
18	6.607	724	726	728	rVB2	146870	115709	3.32%	0.236%
19	6.654	728	734	735	rBV3	86587	108333	3.11%	0.221%
20	6.690	735	740	742	rVV3	123937	198530	5.70%	0.406%
21	6.737	742	748	751	rVV	1709904	1633613	46.92%	3.339%
22	6.766	751	753	757	rVB	956067	819528	23.54%	1.675%
23	6.807	757	760	763	rBV	283480	332415	9.55%	0.679%
24	6.843	763	766	768	rBV3	176587	211184	6.07%	0.432%
25	6.895	768	775	779	rVV	2942641	3052833	87.69%	6.239%
26	6.931	779	781	784	rVB	236978	204561	5.88%	0.418%
27	6.960	784	786	787	rBV	135820	116153	3.34%	0.237%
28	6.984	787	790	792	rVB3	172681	119806	3.44%	0.245%
29	7.025	792	797	801	rVB4	381536	605001	17.38%	1.236%
30	7.060	801	803	806	rVB2	214918	164391	4.72%	0.336%
31	7.095	806	809	812	rBV2	290868	351661	10.10%	0.719%
32	7.137	814	816	818	rVB3	361725	256164	7.36%	0.524%
33	7.172	818	822	824	rBV3	189410	251071	7.21%	0.513%
34	7.225	829	831	834	rVV2	203013	251033	7.21%	0.513%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.290	834	842	846	rVV	2382603	3025960	86.92%	6.184%
36	7.331	846	849	850	rVV2	281964	334950	9.62%	0.685%
37	7.348	850	852	855	rVV2	343181	394203	11.32%	0.806%
38	7.390	855	859	864	rVV4	484674	841296	24.17%	1.719%
39	7.442	864	868	869	rVV3	286659	374746	10.76%	0.766%
40	7.466	869	872	876	rVV3	421745	600378	17.25%	1.227%
41	7.501	876	878	881	rVV3	245670	339308	9.75%	0.693%
42	7.537	881	884	885	rVV	514575	525317	15.09%	1.074%
43	7.548	885	886	890	rVV	481541	426709	12.26%	0.872%
44	7.590	890	893	895	rVV	151629	185714	5.33%	0.380%
45	7.613	895	897	899	rVV2	139848	161508	4.64%	0.330%
46	7.642	899	902	904	rVV3	184729	261725	7.52%	0.535%
47	7.666	904	906	910	rVB4	579774	554408	15.93%	1.133%
48	7.713	910	914	917	rBV3	171323	235777	6.77%	0.482%
49	7.748	918	920	923	rVV3	112904	99217	2.85%	0.203%
50	7.790	923	927	929	rVB4	115172	148392	4.26%	0.303%
51	7.854	936	938	942	rVB3	168139	160531	4.61%	0.328%
52	7.895	942	945	946	rBV3	74001	67817	1.95%	0.139%
53	7.919	946	949	950	rVV2	65932	54242	1.56%	0.111%
54	7.966	955	957	959	rVV3	83375	79328	2.28%	0.162%
55	8.019	962	966	969	rVV	1708342	1552720	44.60%	3.173%
56	8.095	977	979	982	rVB	231155	160855	4.62%	0.329%
57	8.201	994	997	1001	rVB6	46677	55887	1.61%	0.114%
58	8.237	1001	1003	1010	rVB3	60856	81491	2.34%	0.167%
59	8.313	1013	1016	1020	rVB4	37239	59387	1.71%	0.121%
60	8.454	1037	1040	1045	rBV2	88229	84983	2.44%	0.174%
61	9.054	1139	1142	1144	rVB	52353	47950	1.38%	0.098%
62	9.089	1144	1148	1151	rBV	3764957	3188414	91.59%	6.516%
63	9.484	1211	1215	1218	rBV	1100866	804762	23.12%	1.645%
64	9.766	1259	1263	1267	rBV	1704214	1410663	40.52%	2.883%
65	10.542	1391	1395	1399	rBV	1762913	1690775	48.57%	3.455%
66	11.242	1510	1514	1516	rBV	1483362	1292640	37.13%	2.642%
67	11.260	1516	1517	1521	rVB	118698	88326	2.54%	0.181%
68	11.783	1601	1606	1609	rBV2	289418	320006	9.19%	0.654%
69	12.342	1697	1701	1704	rBV5	70321	111194	3.19%	0.227%
70	12.442	1715	1718	1724	rBV	203839	192748	5.54%	0.394%
71	12.495	1724	1727	1732	rBV	82836	80604	2.32%	0.165%

LSC Area Percent Report

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Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.566	1736	1739	1743	rBV2	81437	97554	2.80%	0.199%
73	12.672	1752	1757	1760	rBV	208284	218455	6.28%	0.446%
74	12.824	1779	1783	1786	rBV	3269030	2865476	82.31%	5.856%
75	13.101	1828	1830	1833	rBV4	40198	41333	1.19%	0.084%
76	13.383	1876	1878	1881	rBV	50147	53781	1.54%	0.110%
77	13.730	1933	1937	1944	rVB	242080	298422	8.57%	0.610%
78	13.866	1955	1960	1963	rBV	2030587	1915242	55.01%	3.914%
79	13.889	1963	1964	1972	rVB	113618	77753	2.23%	0.159%
80	14.054	1989	1992	1995	rBV3	52171	55093	1.58%	0.113%
81	14.360	2042	2044	2048	rBV2	64558	58472	1.68%	0.119%
82	14.624	2086	2089	2092	rBV	161140	173591	4.99%	0.355%
83	14.654	2092	2094	2098	rVB	68873	71207	2.05%	0.146%
84	14.724	2103	2106	2110	rVB	204195	192295	5.52%	0.393%
85	14.871	2128	2131	2134	rBV	102004	137864	3.96%	0.282%
86	14.971	2145	2148	2154	rVB2	117464	133240	3.83%	0.272%
87	15.154	2176	2179	2183	rBV	80233	95892	2.75%	0.196%
88	15.207	2185	2188	2193	rVB	110676	130281	3.74%	0.266%
89	15.271	2194	2199	2203	rVV	1510463	1735428	49.85%	3.547%
90	15.330	2206	2209	2223	rVB2	121715	241595	6.94%	0.494%
91	15.736	2275	2278	2282	rVB2	71464	89108	2.56%	0.182%
92	16.107	2338	2341	2349	rVB8	84224	173057	4.97%	0.354%

Sum of corrected areas: 48932215

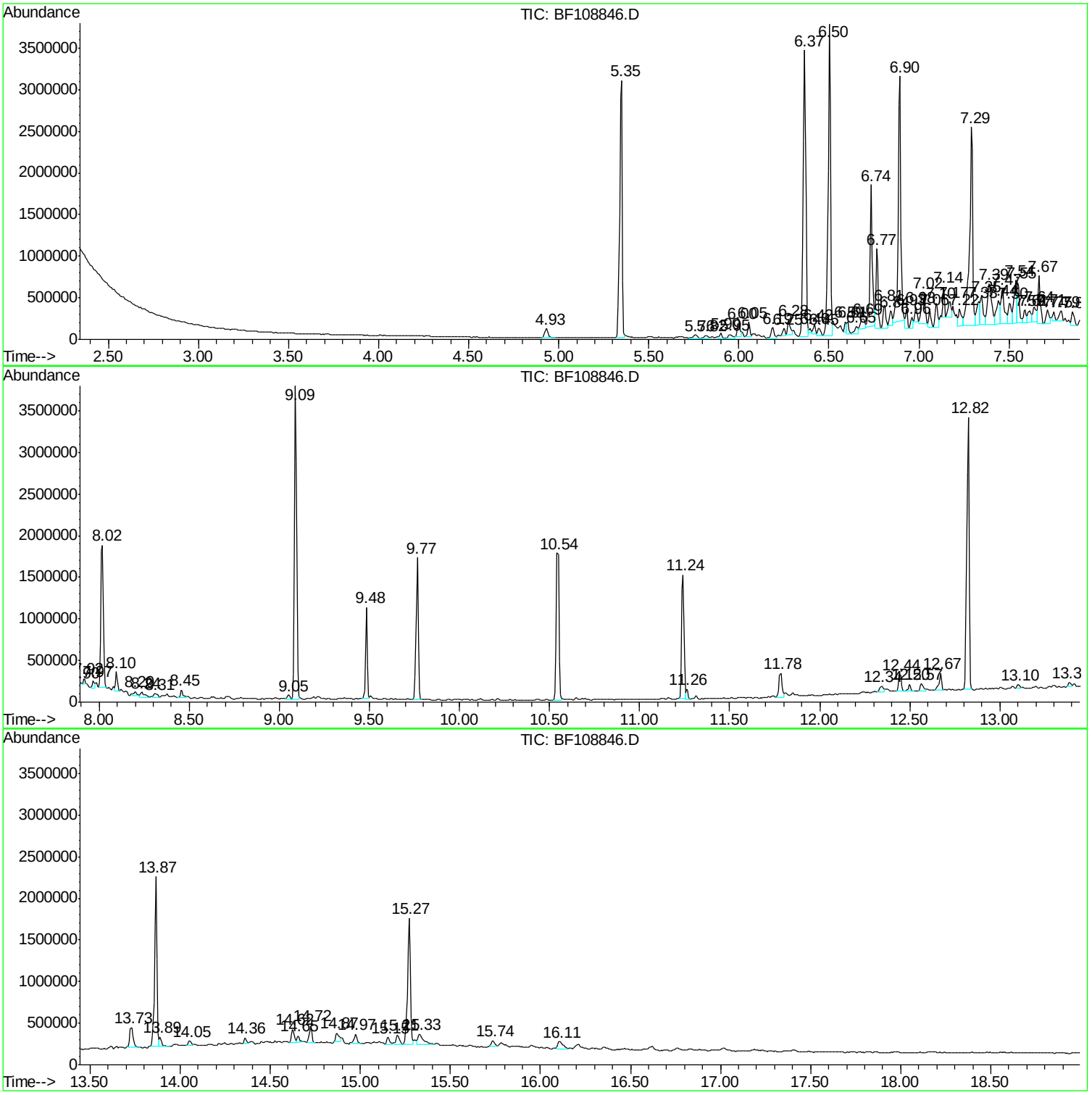
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

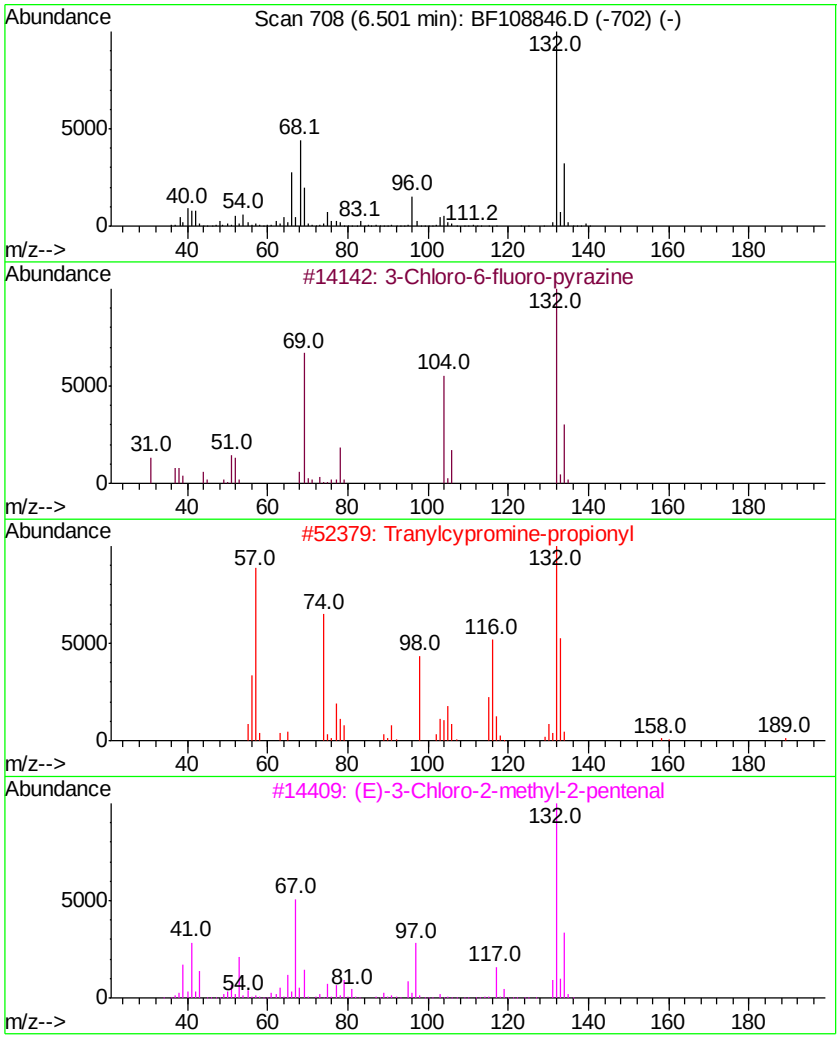
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

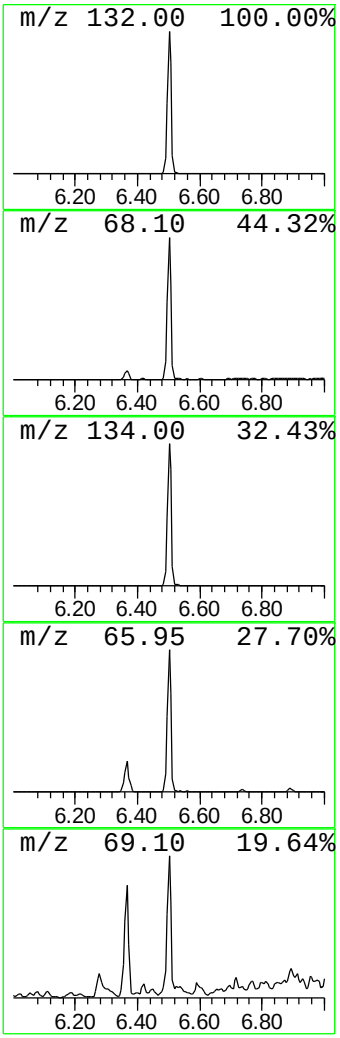
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	42.62 ng	3481330	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

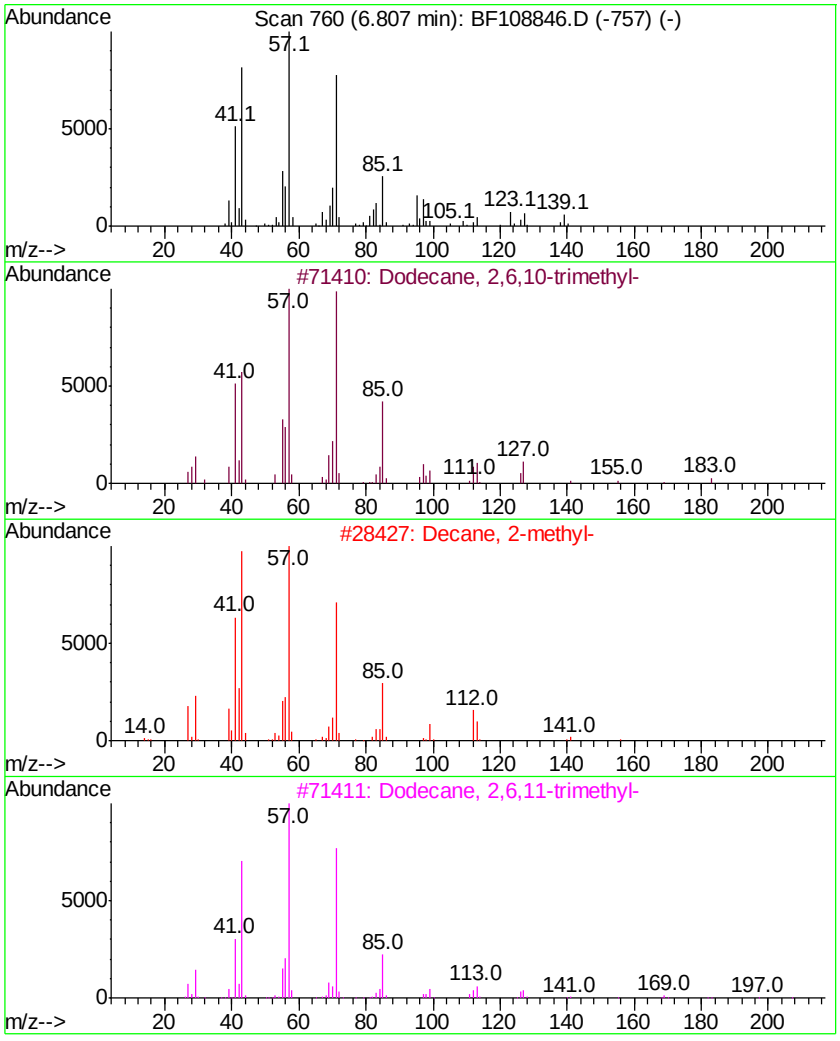
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

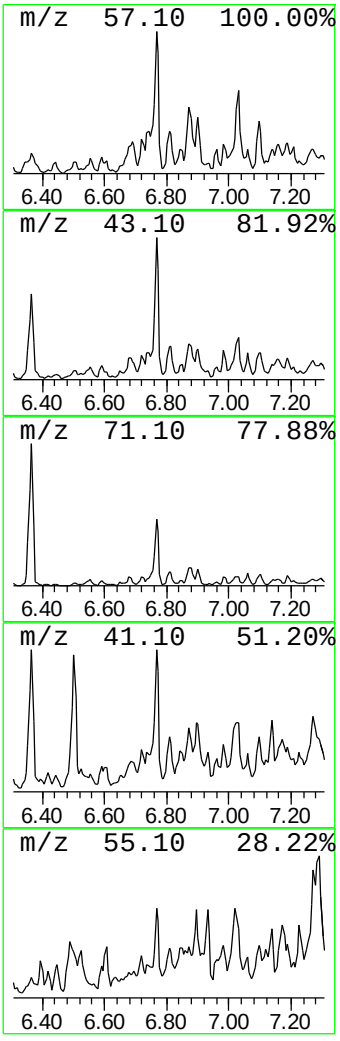
****

Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	4.07 ng	332415	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	59
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	53
5	Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

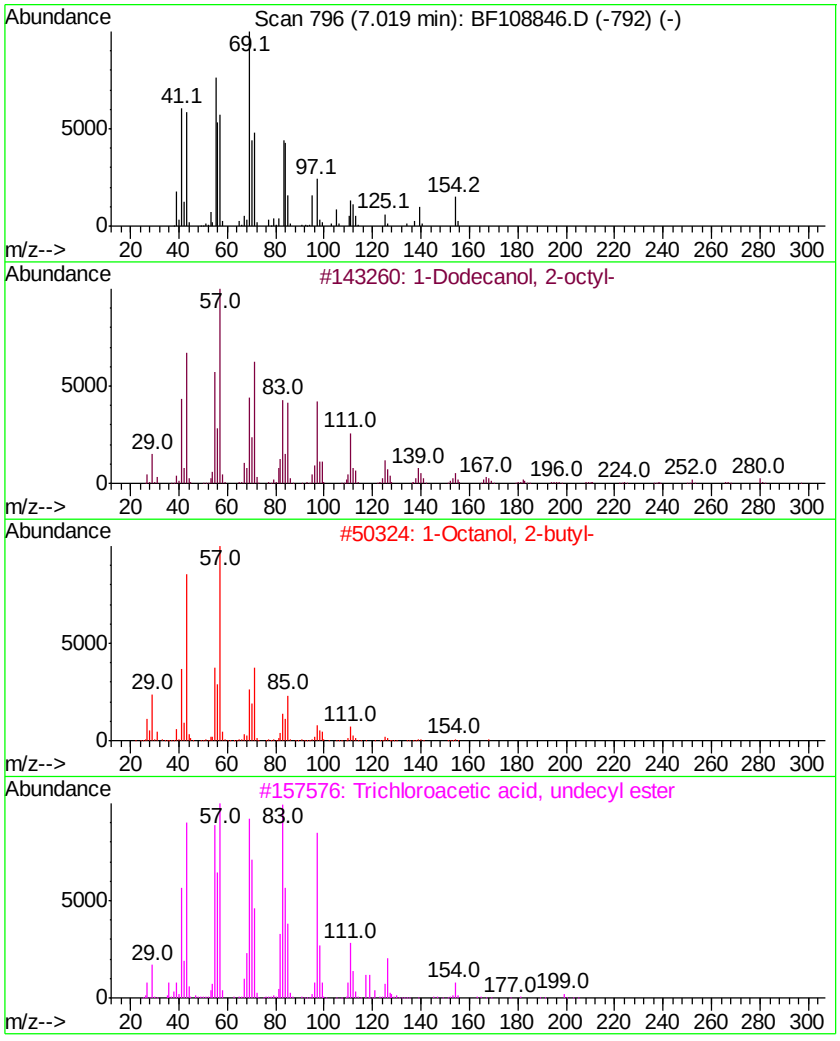
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

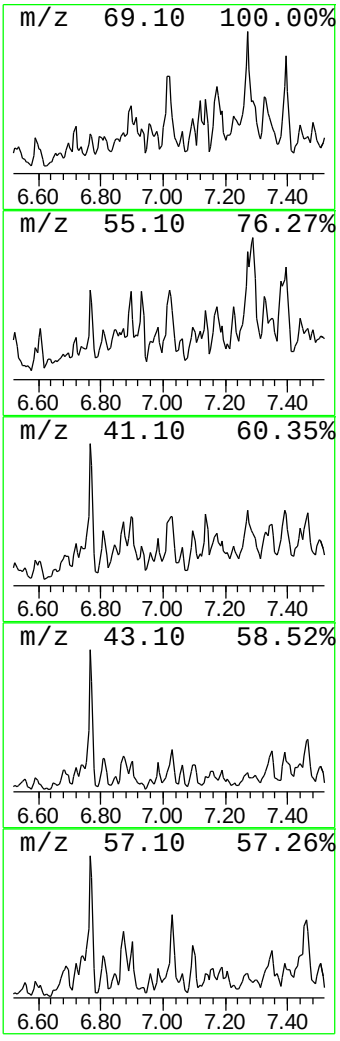
****

Peak Number 4 unknown7.02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	7.41 ng	605001	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	47
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	43
3	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	43
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

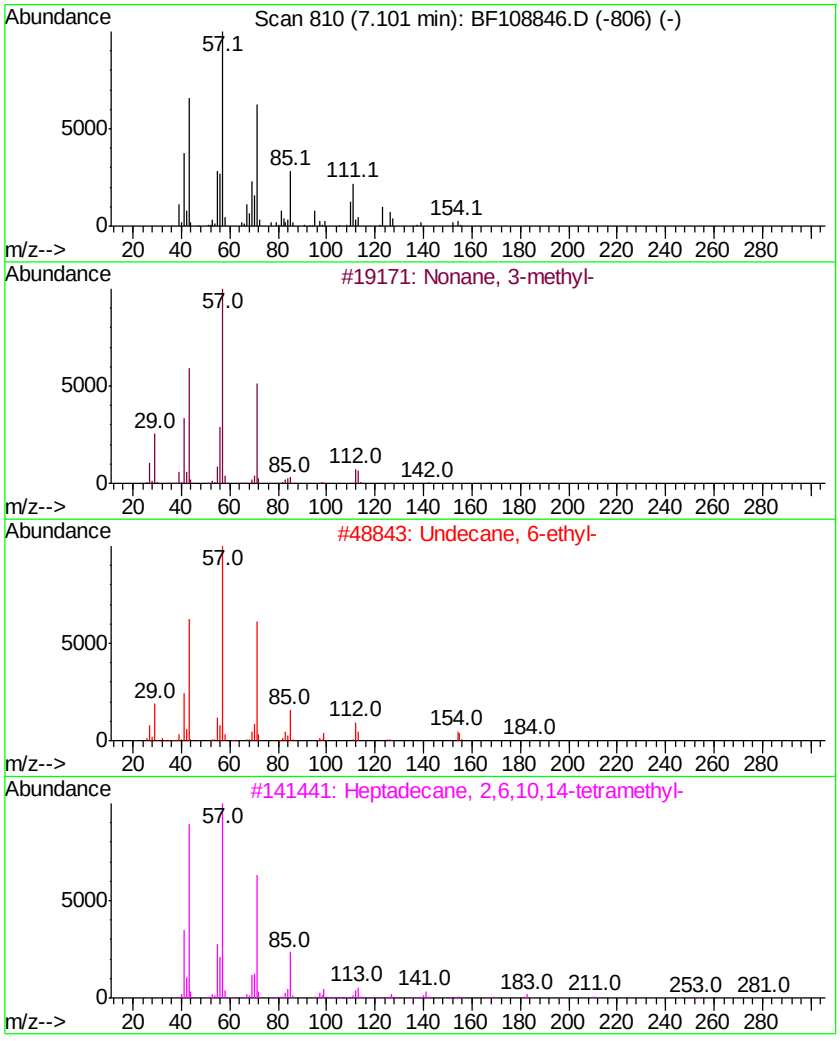
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

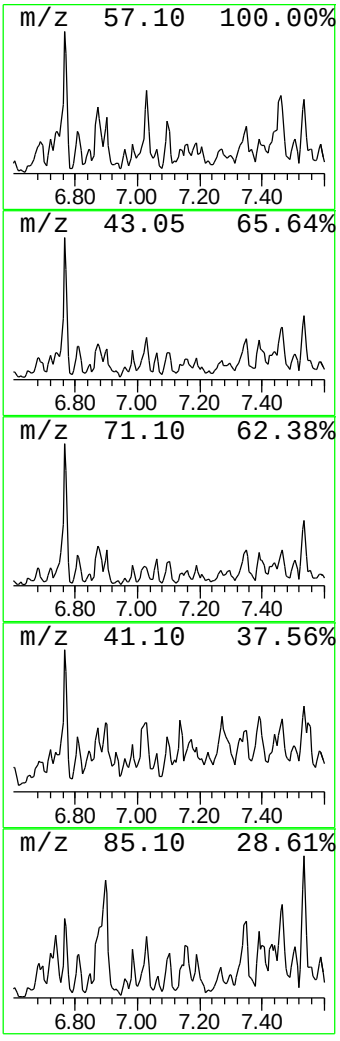
****

Peak Number 5 Nonane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	4.31 ng	351661	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	47
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

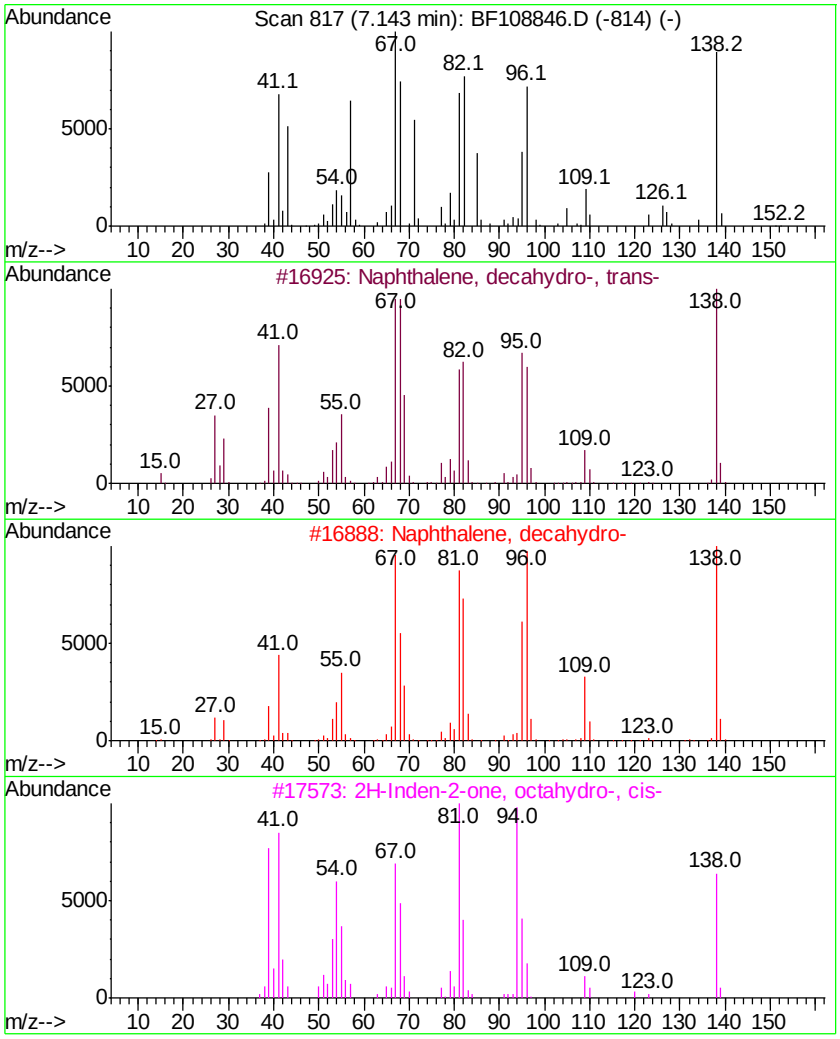
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

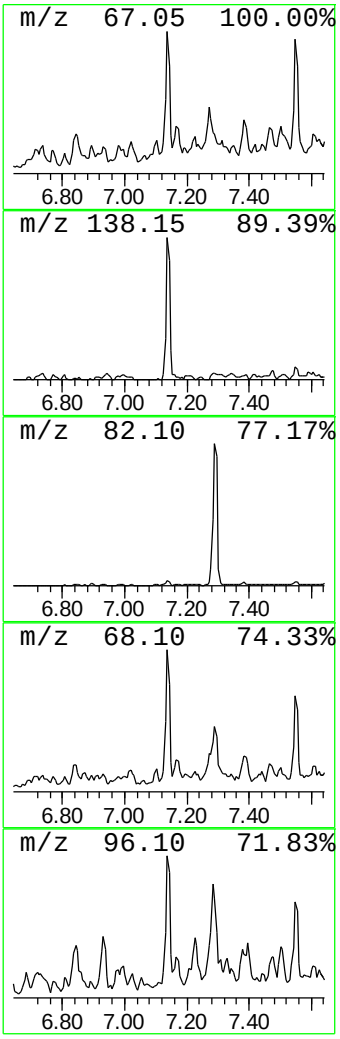
****

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	3.14 ng	256164	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
4	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	72
5	Cyclodecene	138	C10H18	003618-12-0	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

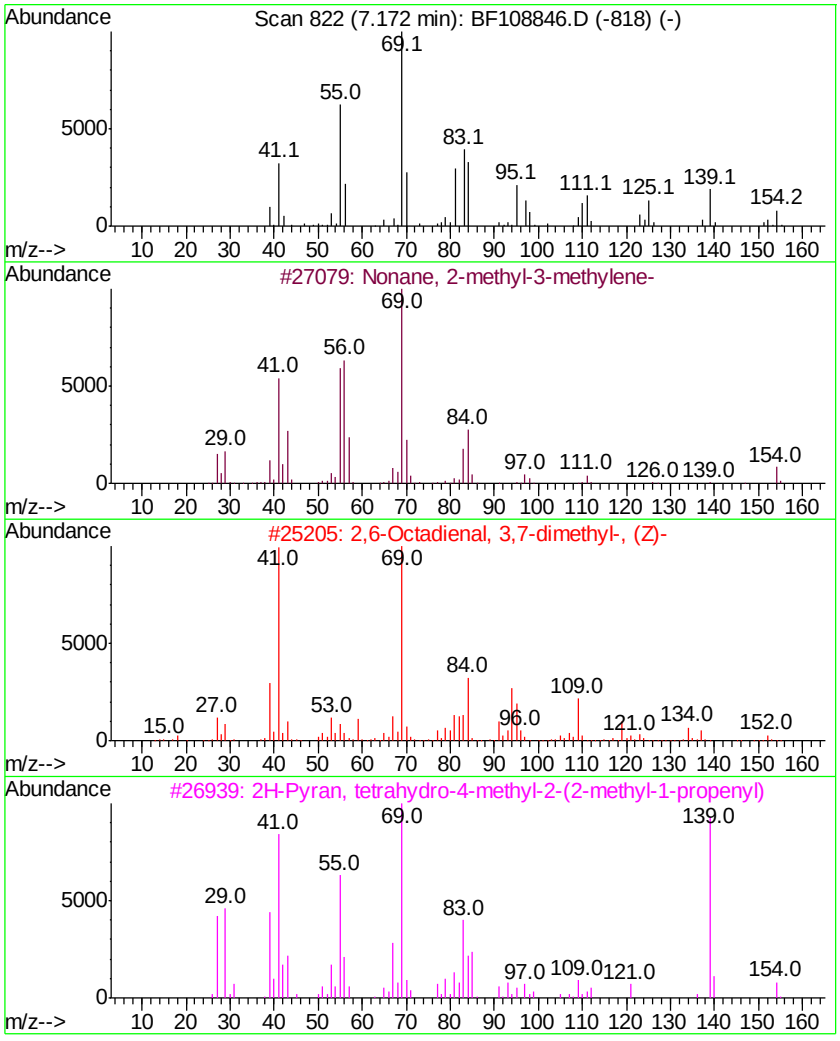
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

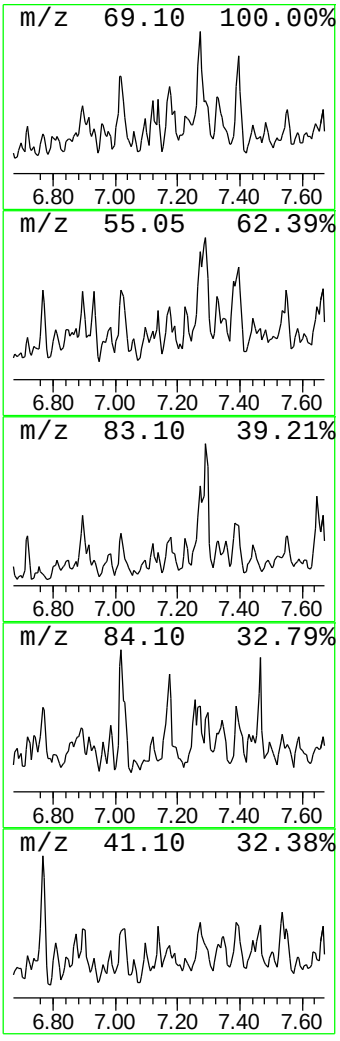
****

Peak Number 7 unknown7.17 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	3.07 ng	251071	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47
2	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	43
3	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	42
4	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	40
5	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	38





Library Search Compound Report

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Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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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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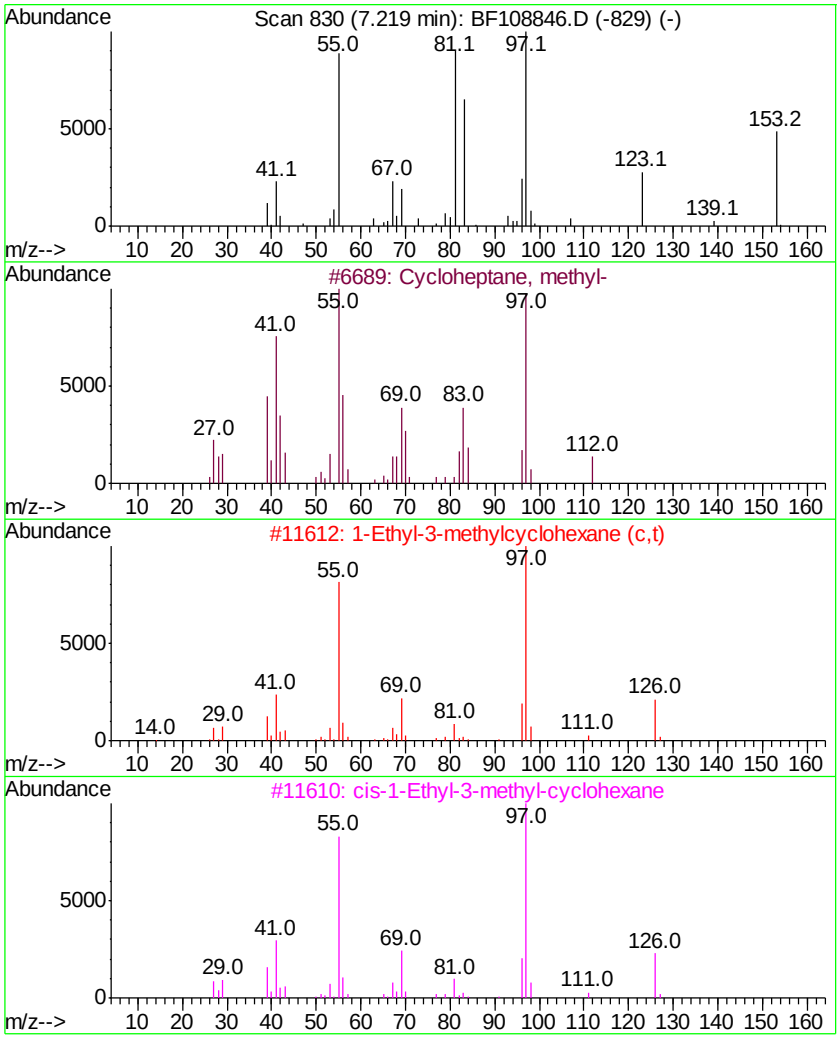
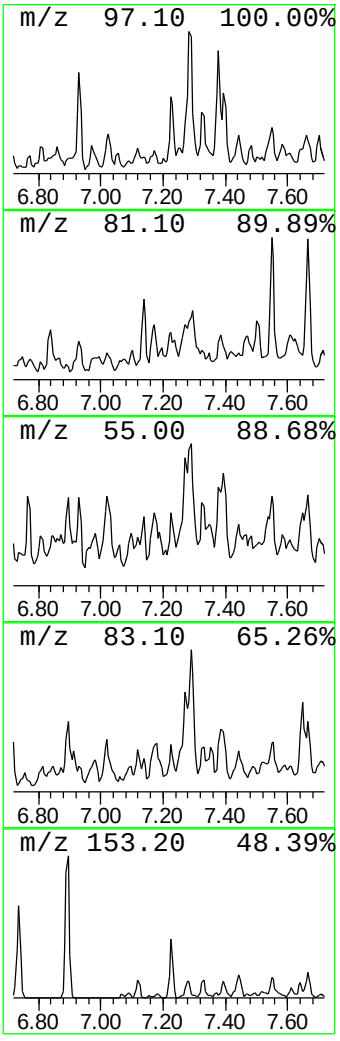
Peak Number 8 Cycloheptane, methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	3.07 ng	251033	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	59
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	47
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	43
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	43
5	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	40





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Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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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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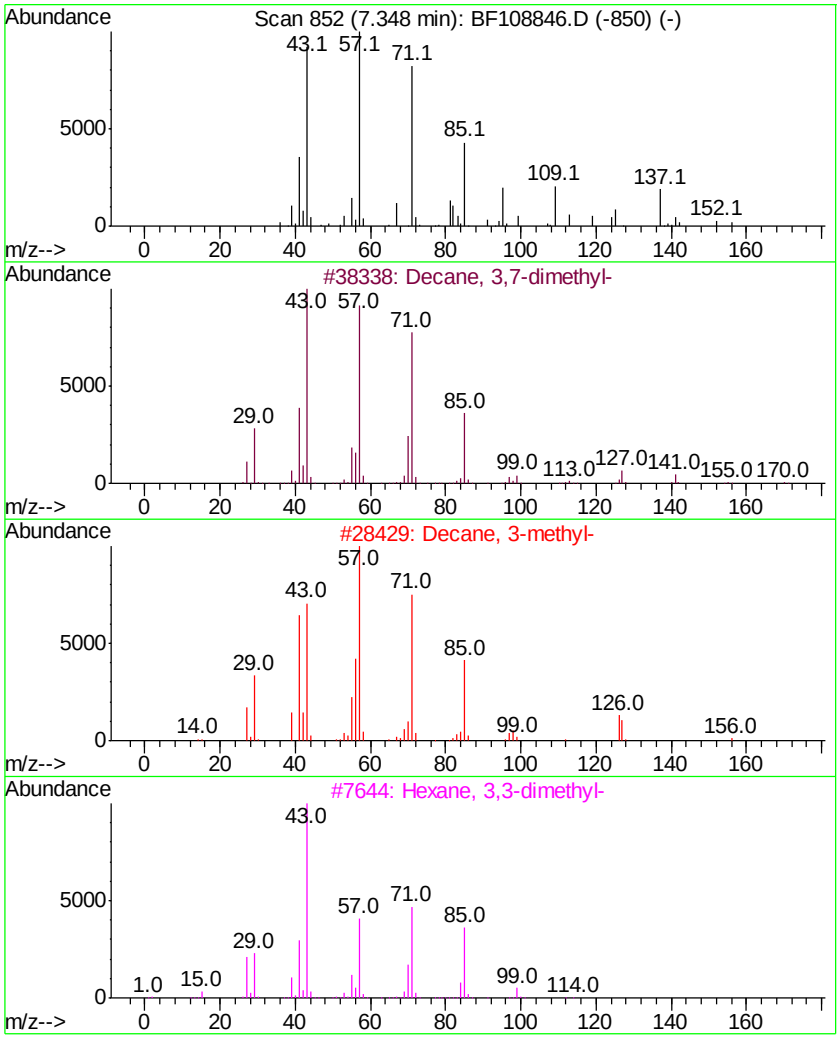
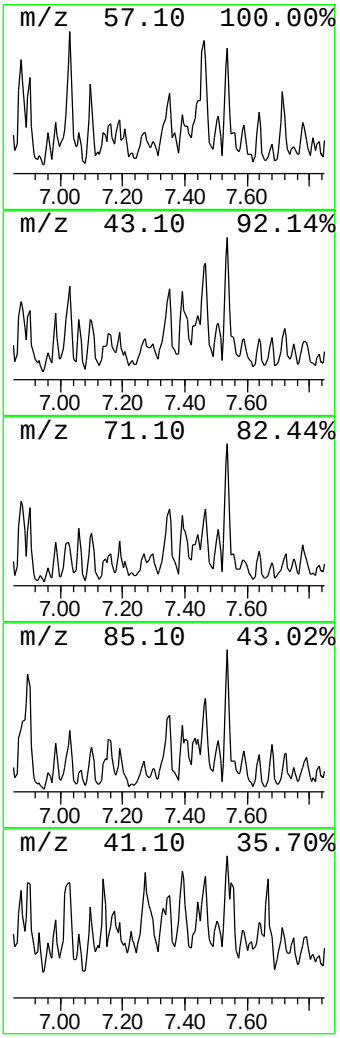
Peak Number 9 Decane, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	4.83 ng	394203	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
2	Decane, 3-methyl-	156	C11H24	013151-34-3	50
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	40
5	Decane, 4-methyl-	156	C11H24	002847-72-5	38





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Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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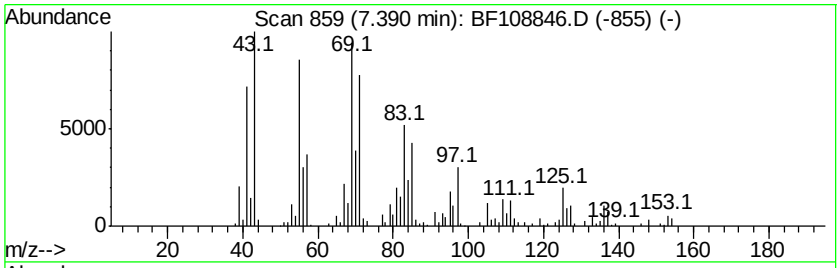
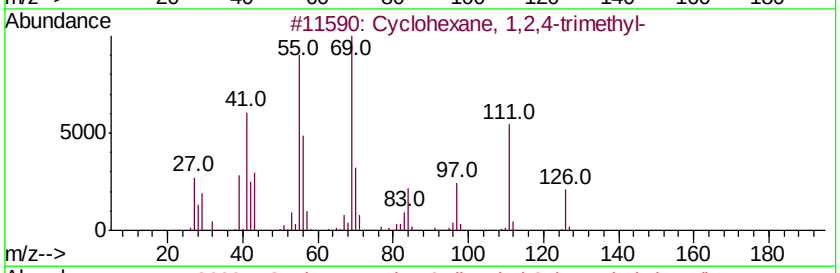
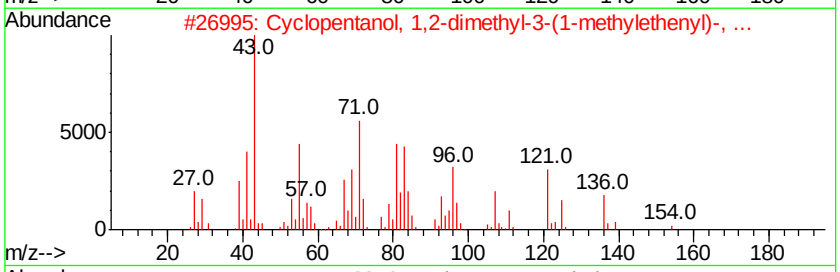
Peak Number 10 unknown7.39 Concentration Rank 3

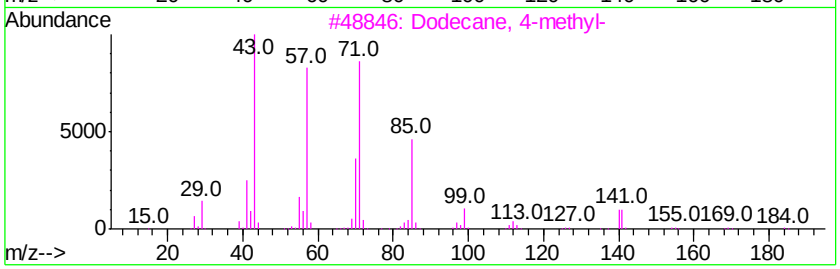
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	10.84 ng	841296	Naphthalene-d8	8.02

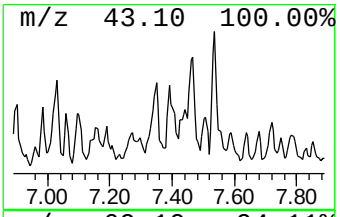
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
2	Cyclopentanol, 1,2-dimethyl-3-(1...	154	C10H18O	004028-60-8	38
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	35
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	25
5	4-Methyl-2-heptene	112	C8H16	003404-56-6	25

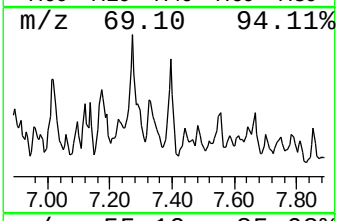


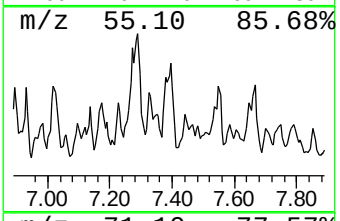


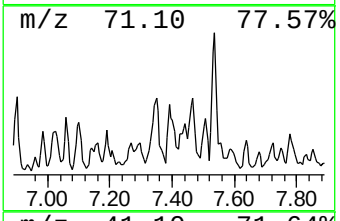


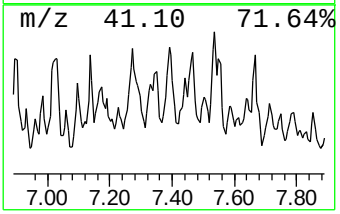












Library Search Compound Report

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Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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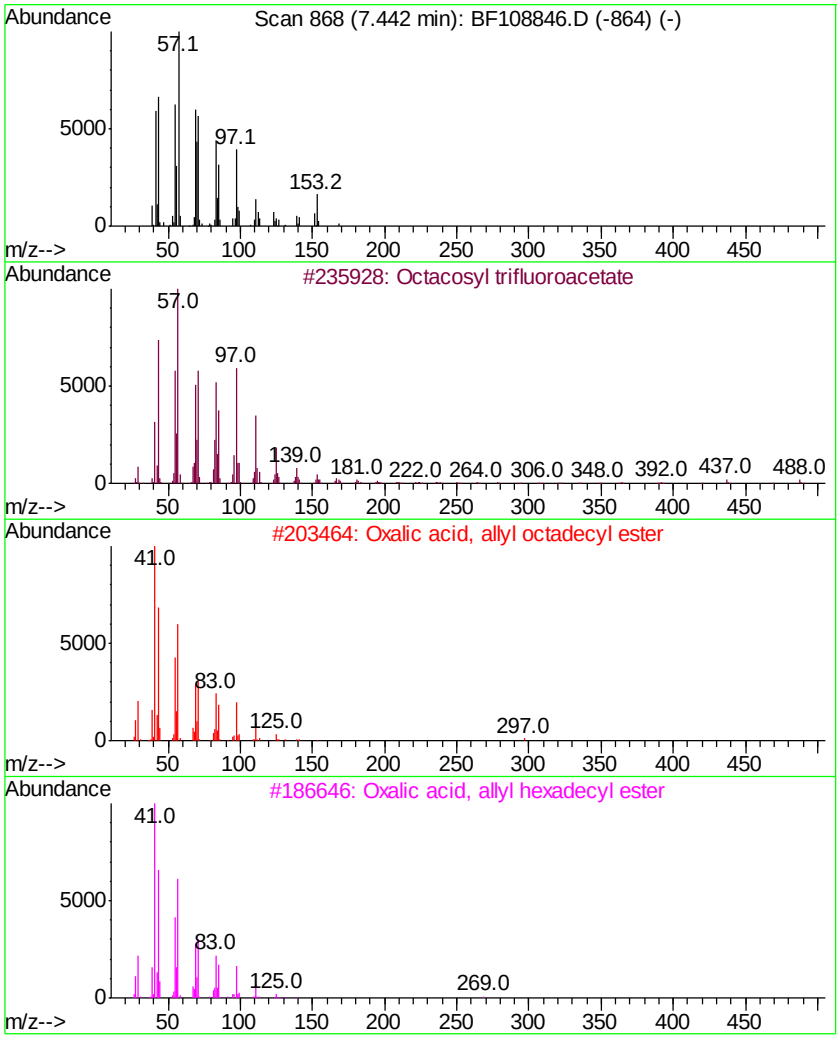
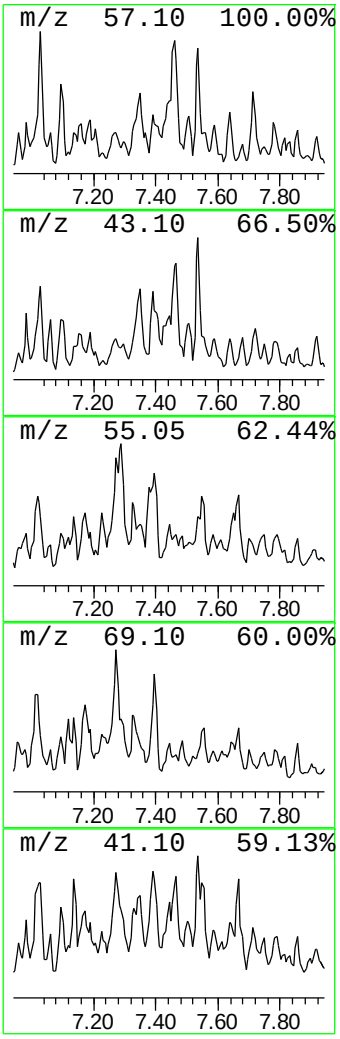
Peak Number 11 Octacosyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	4.83 ng	374746	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	72
2	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	72
3	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	58
4	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	53
5	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	53





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Sample : J4803-21
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Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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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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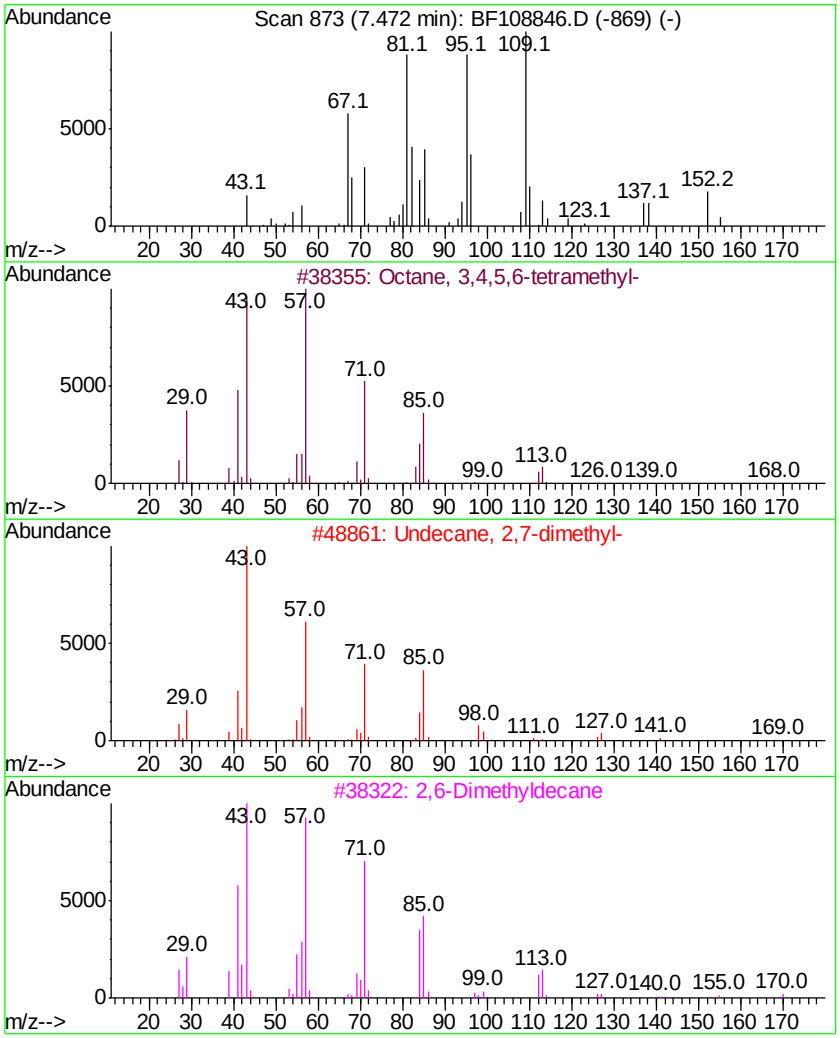
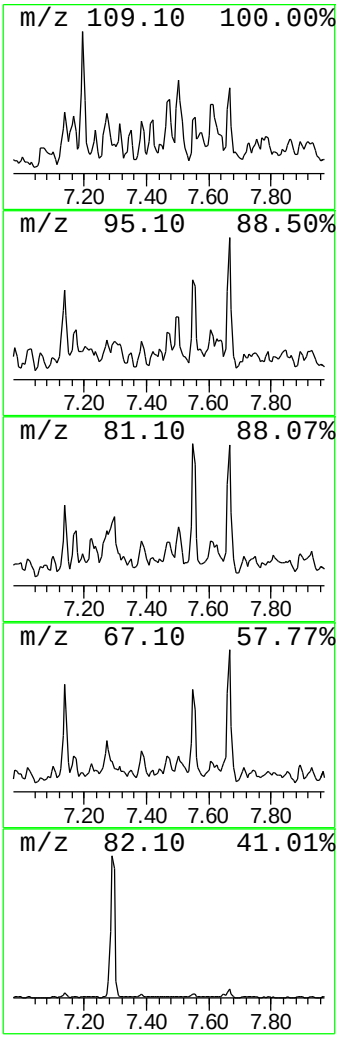
Peak Number 12 Octane, 3,4,5,6-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.73 ng	600378	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	50
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	47
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47





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Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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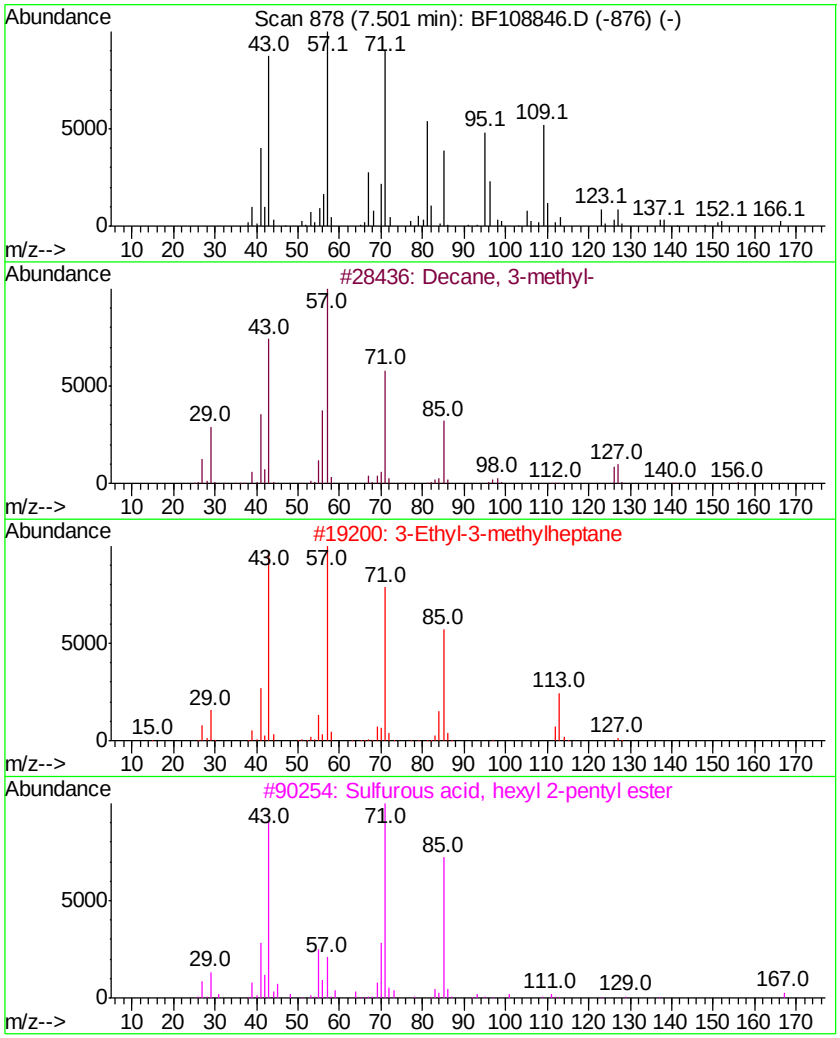
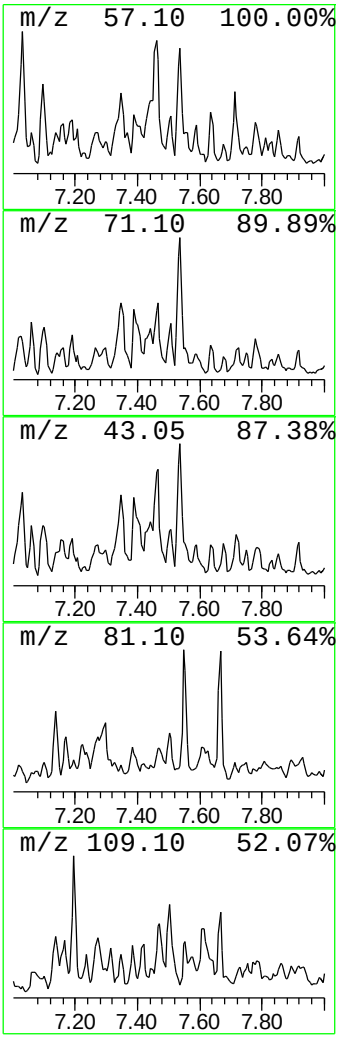
Peak Number 13 unknown7.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	4.37 ng	339308	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	38
2	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38
3	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	38
4	Tetracosane	338	C24H50	000646-31-1	38
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38





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Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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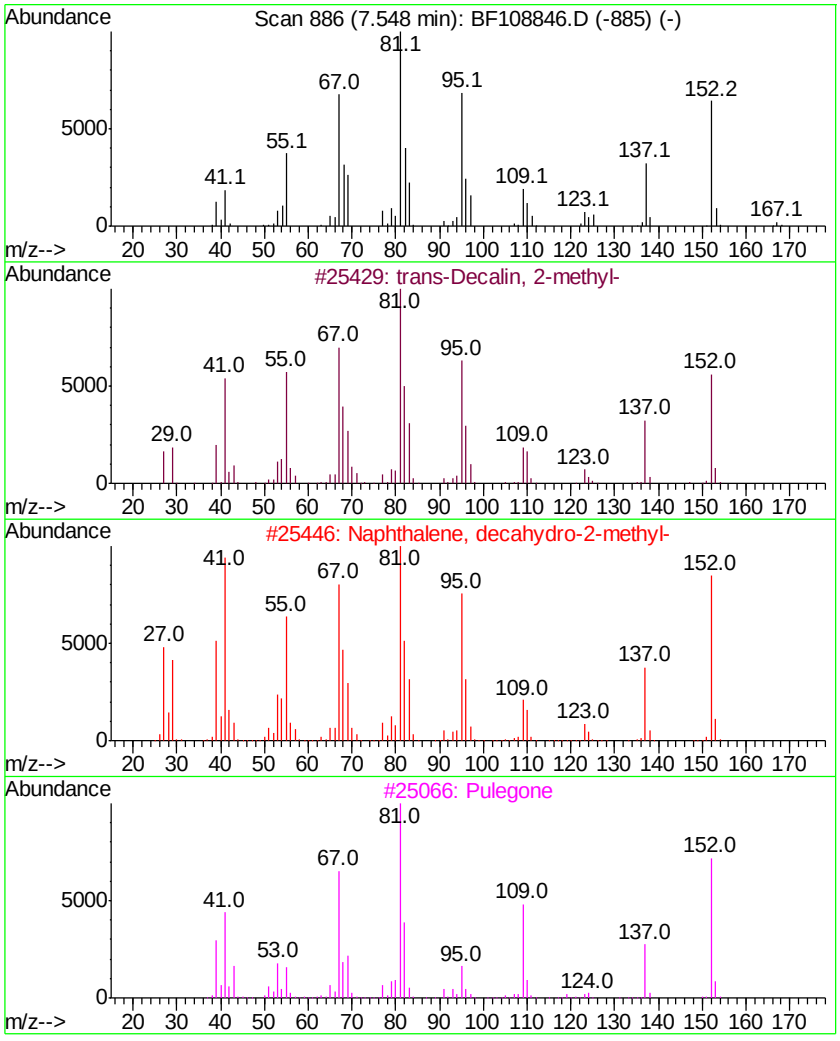
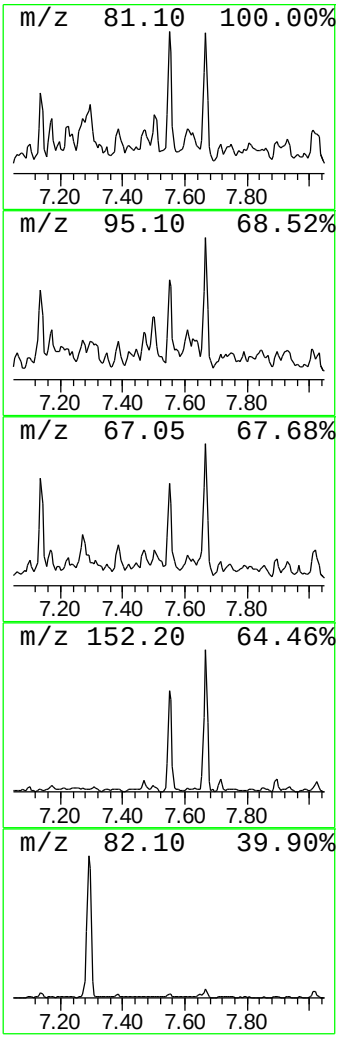
Peak Number 15 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	5.50 ng	426709	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	Pulegone	152	C10H16O	000089-82-7	72
4	1-Tridecyne	180	C13H24	026186-02-7	64
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64





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Sample : J4803-21
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

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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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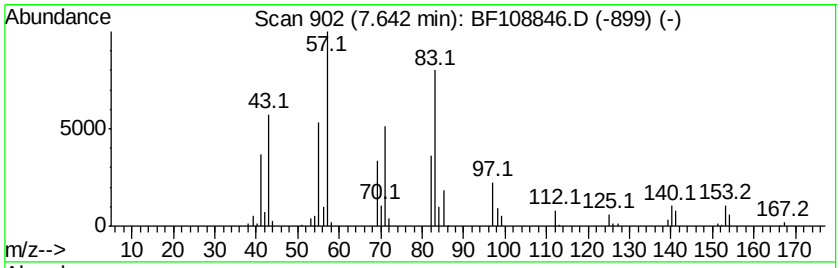
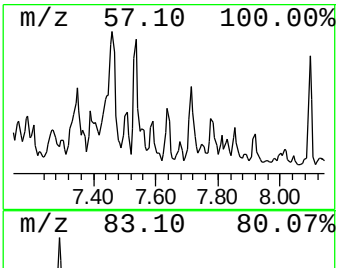
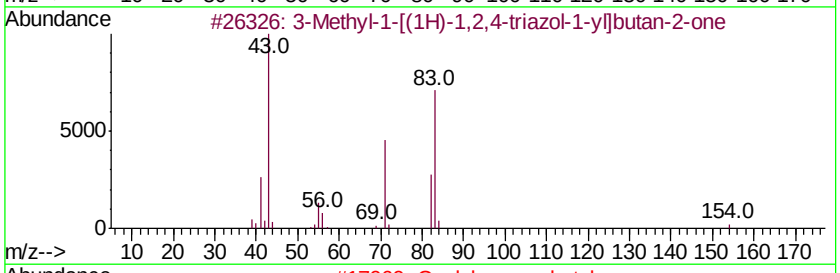
Peak Number 16 unknown7.64 Concentration Rank 15

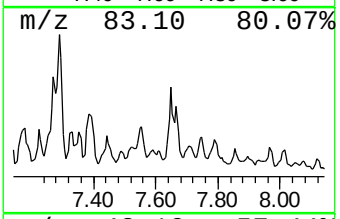
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	3.37 ng	261725	Naphthalene-d8	8.02

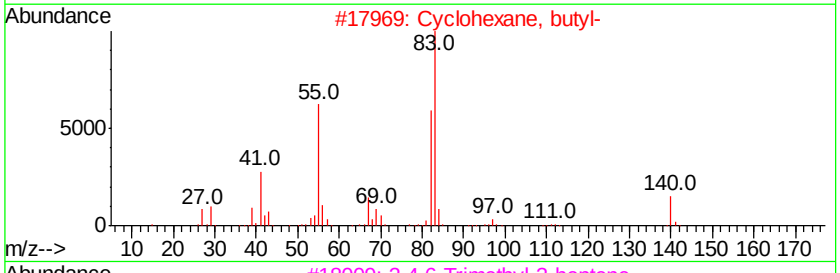
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-[(1H)-1,2,4-triazol-1...	153	C7H11N3O	064922-02-7	47
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
3	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	38
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38

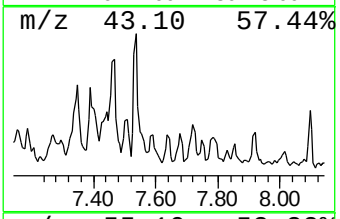


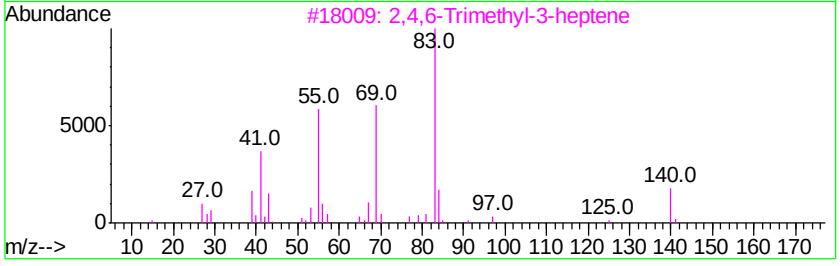


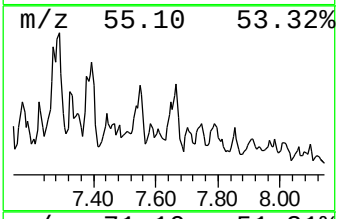


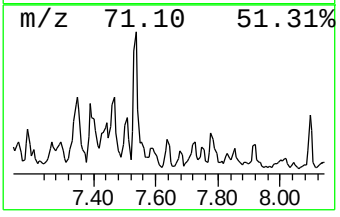












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

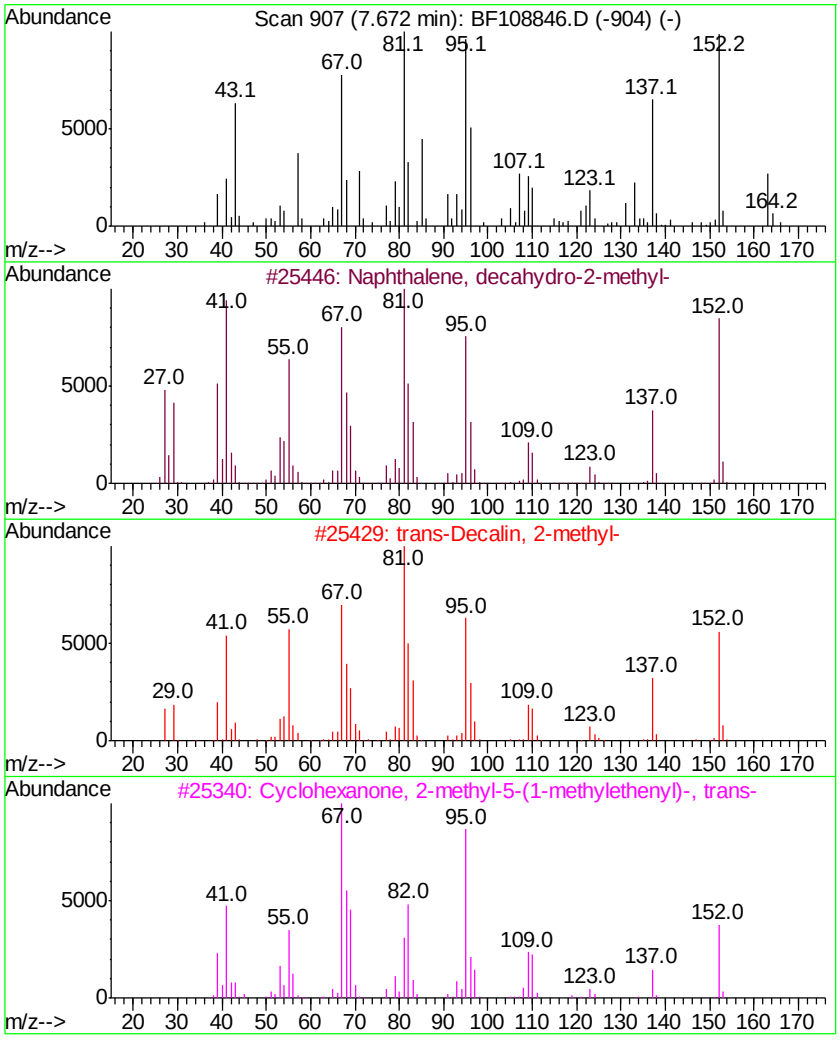
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

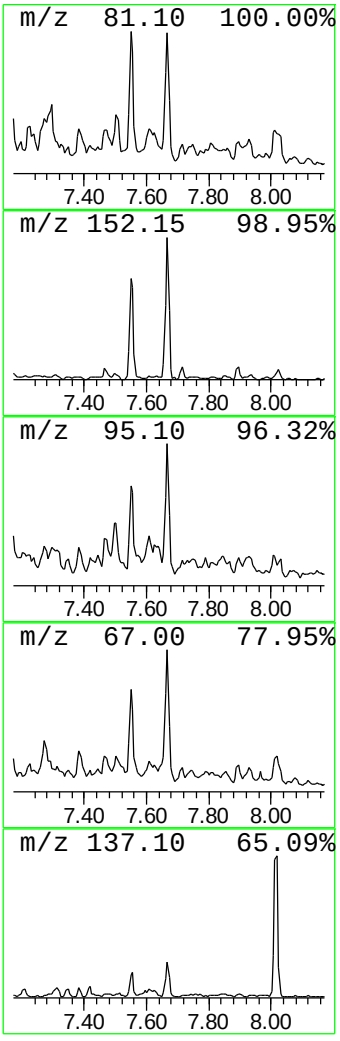
****

Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	7.14 ng	554408	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	58
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
Sample : J4803-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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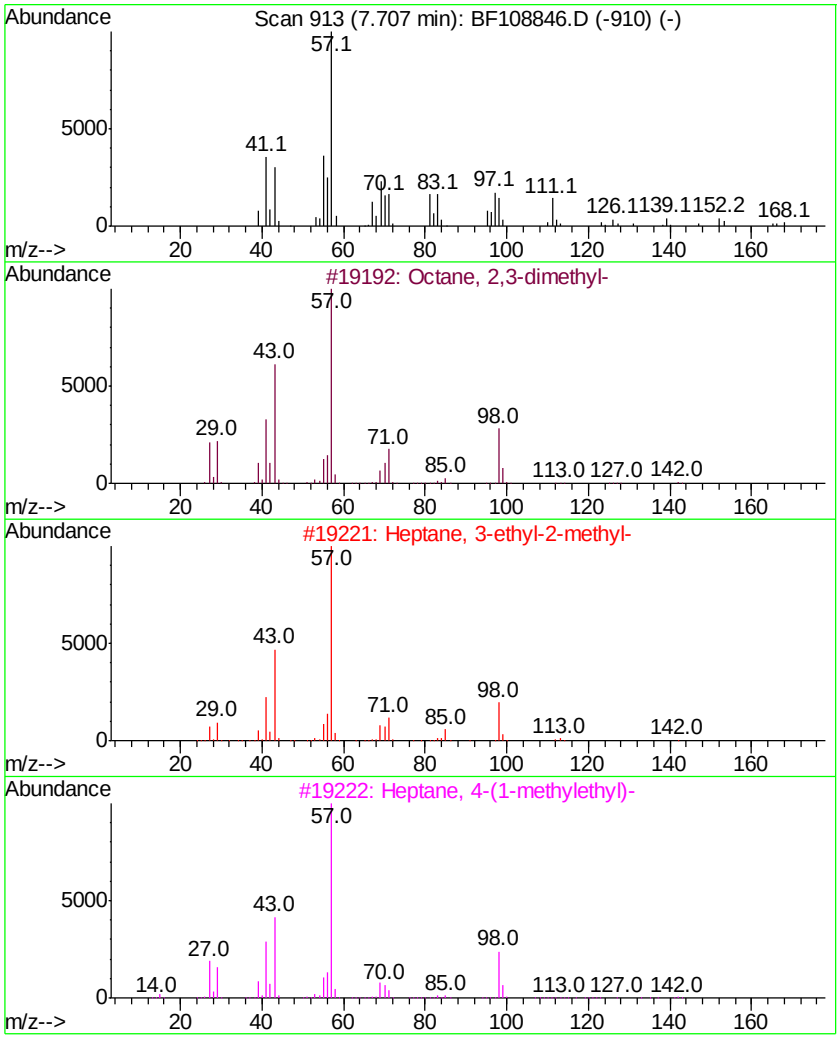
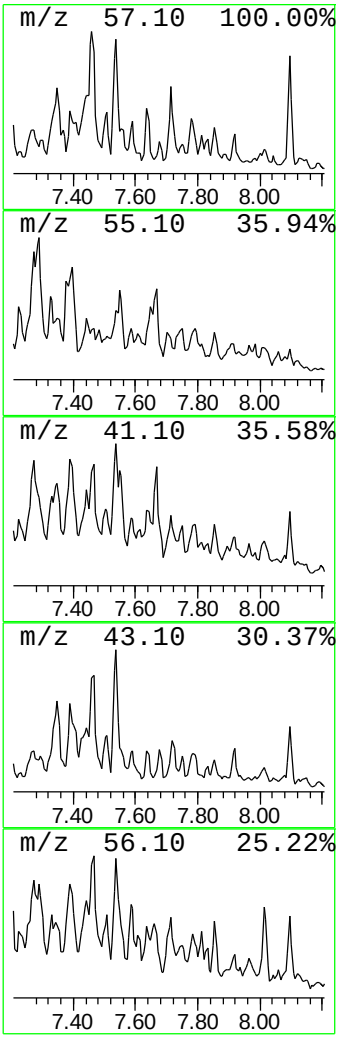
Peak Number 18 unknown7.71 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	3.04 ng	235777	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	43
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	43
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	43





Library Search Compound Report

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Data File : BF108846.D
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Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q2-FD-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
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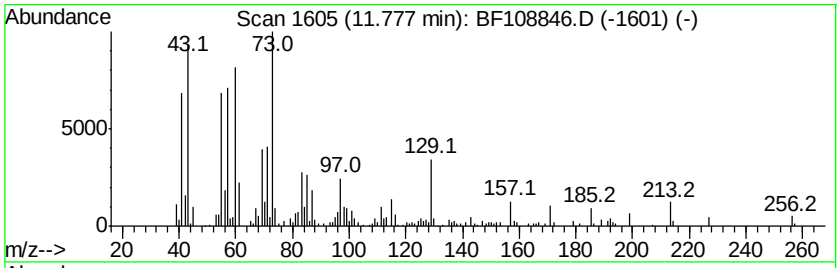
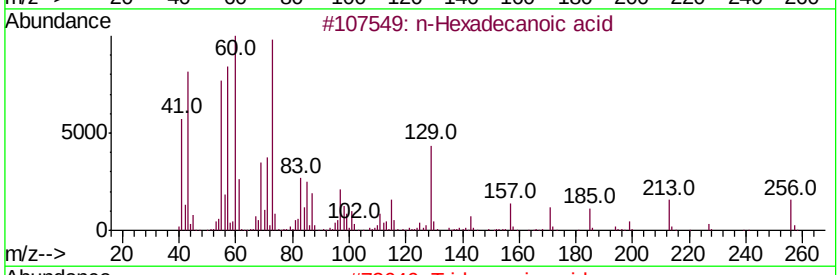
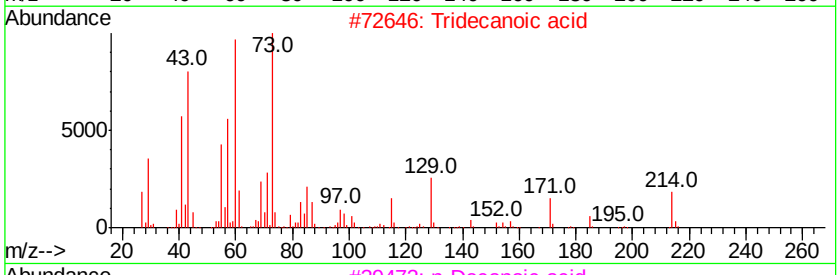
Peak Number 19 n-Hexadecanoic acid Concentration Rank 9

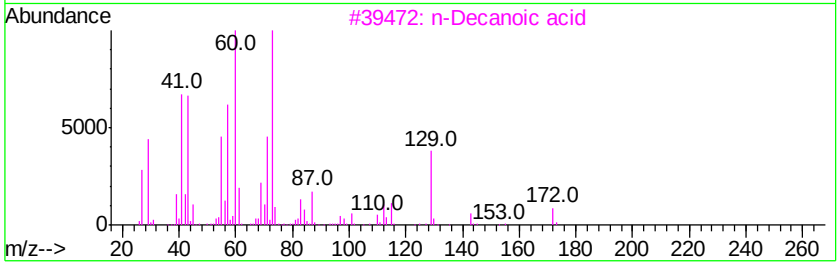
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.95 ng	320006	Phenanthrene-d10	11.24

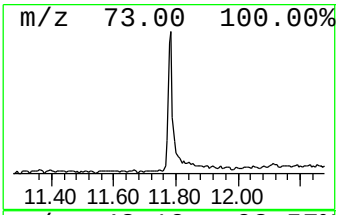
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	N-Acetylisoxazolidine	115	C5H9NO2	115615-36-6	25

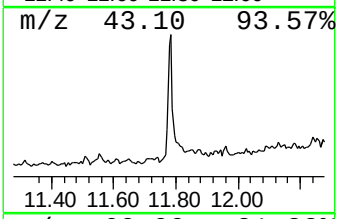


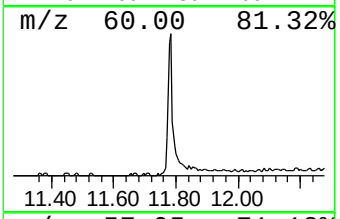


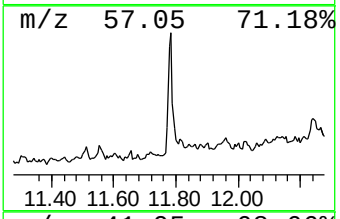


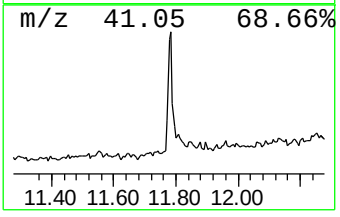












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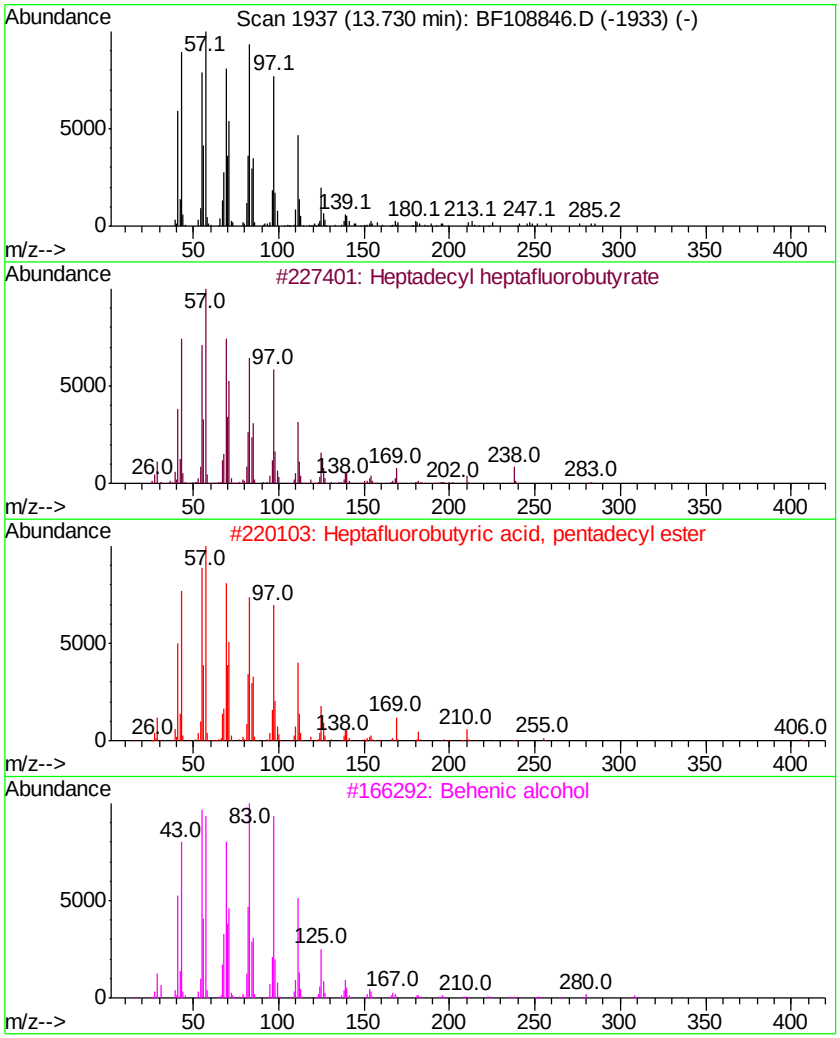
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

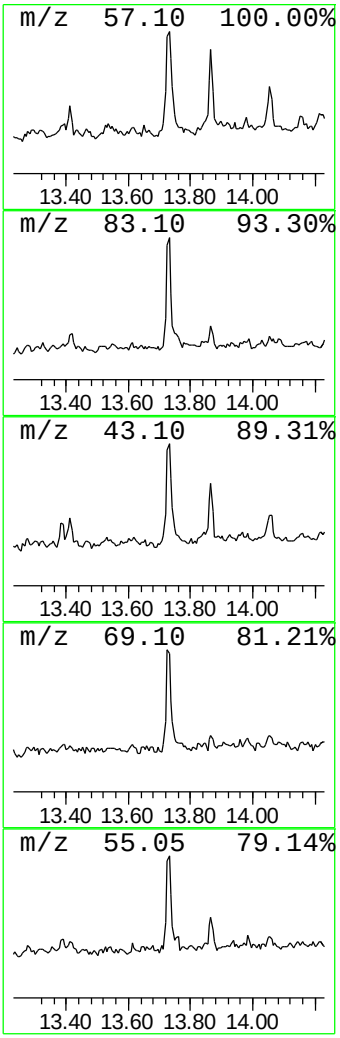
****

Peak Number 20 Heptadecyl heptafluorobutyrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.12 ng	298422	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
Data File : BF108846.D
Acq On : 7 Sep 2018 1:41
Operator : JU/SJ
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ClientSampleId : EP1-Q2-FD-01

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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
unknown6.50	6.50	42.6	ng	3481330	1	6.74	1633610	20.0
Dodecane, 2,6,10-...	6.81	4.1	ng	332415	1	6.74	1633610	20.0
unknown7.02	7.02	7.4	ng	605001	1	6.74	1633610	20.0
Nonane, 3-methyl-	7.10	4.3	ng	351661	1	6.74	1633610	20.0
Naphthalene, deca...	7.14	3.1	ng	256164	1	6.74	1633610	20.0
unknown7.17	7.17	3.1	ng	251071	1	6.74	1633610	20.0
Cycloheptane, met...	7.22	3.1	ng	251033	1	6.74	1633610	20.0
Decane, 3,7-dimet...	7.35	4.8	ng	394203	1	6.74	1633610	20.0
unknown7.39	7.39	10.8	ng	841296	2	8.02	1552720	20.0
Octacosyl trifluo...	7.44	4.8	ng	374746	2	8.02	1552720	20.0
Octane, 3,4,5,6-t...	7.47	7.7	ng	600378	2	8.02	1552720	20.0
unknown7.50	7.50	4.4	ng	339308	2	8.02	1552720	20.0
trans-Decalin, 2-...	7.55	5.5	ng	426709	2	8.02	1552720	20.0
unknown7.64	7.64	3.4	ng	261725	2	8.02	1552720	20.0
Naphthalene, deca...	7.67	7.1	ng	554408	2	8.02	1552720	20.0
unknown7.71	7.71	3.0	ng	235777	2	8.02	1552720	20.0
n-Hexadecanoic acid	11.78	5.0	ng	320006	4	11.24	1292640	20.0
Heptadecyl heptaf...	13.73	3.1	ng	298422	5	13.87	1915240	20.0