LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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	2.263	26	30	39	rVB	118431	175653	19.30%	1.301%
2	3.751	273	283	288	rBV4	6096	11352	1.25%	0.084%
3	3.875	297	304	310	rBV	10216	17062	1.88%	0.126%
4	4.093	335	341	351	rVB	307243	405619	44.58%	3.003%
5	4.322	376	380	385	rBV2	11513	15887	1.75%	0.118%
6	4.722	444	448	451	rBV	17690	20664	2.27%	0.153%
7	5.116	507	515	517	rBV	19898	24092	2.65%	0.178%
8	5.193	524	528	535	rBV	42291	52838	5.81%	0.391%
9	5.251	535	538	543	rVB	9330	12012	1.32%	0.089%
10	5.381	556	560	564	rBV3	14769	28147	3.09%	0.208%
11	5.422	564	567	570	rVB2	16378	19358	2.13%	0.143%
12	5.463	570	574	576	rBV	23719	22857	2.51%	0.169%
13	5.487	576	578	581	rVB	12939	11246	1.24%	0.083%
14	5.581	589	594	601	rBV	753663	801386	88.07%	5.934%
15	5.698	611	614	618	rVB	12033	13655	1.50%	0.101%
16	5.740	618	621	627	rVB5	15328	26687	2.93%	0.198%
17	5.787	627	629	632	rVB	15942	11905	1.31%	0.088%
18	5.834	632	637	642	rBV4	25501	40004	4.40%	0.296%
19	5.969	657	660	662	rBV2	18161	20707	2.28%	0.153%
20	5.992	662	664	667	rVB	28011	24630	2.71%	0.182%
21	6.028	667	670	673	rBV2	32479	38275	4.21%	0.283%
22	6.110	681	684	686	rVB	23765	18950	2.08%	0.140%
23	6.157	690	692	696	rVB2	30623	29361	3.23%	0.217%
24	6.204	696	700	705	rBV3	50874	78213	8.60%	0.579%
25	6.257	705	709	712	rVV3	25068	35549	3.91%	0.263%
26	6.292	712	715	719	rVV3	10186	13135	1.44%	0.097%
27	6.351	723	725	728	rVB2	12144	12671	1.39%	0.094%
28	6.392	728	732	737	rBV4	59775	90897	9.99%	0.673%
29	6.451	737	742	746	rVB	123521	134435	14.77%	0.995%
30	6.487	746	748	750	rBV2	64660	58749	6.46%	0.435%
31	6.504	750	751	755	rVV4	30674	28712	3.16%	0.213%
32	6.545	755	758	761	rVV	60722	51109	5.62%	0.378%
33	6.587	761	765	772	rVV	898282	891398	97.96%	6.600%
34	6.640	772	774	780	rVV2	48240	47655	5.24%	0.353%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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	6.704	780	785	787	rVV3	21272	32958	3.62%	0.244%
36	6.734	787	790	797	rVV	1046691	909956	100.00%	6.737%
37	6.792	797	800	804	rVV3	49762	67240	7.39%	0.498%
38	6.851	808	810	811	rVV	18137	14734	1.62%	0.109%
39	6.881	812	815	816	rVV2	27051	31378	3.45%	0.232%
40	6.916	819	821	823	rVV3	42426	48865	5.37%	0.362%
41	6.969	826	830	834	rVV	763218	649049	71.33%	4.806%
42	7.010	834	837	840	rVV	49060	71586	7.87%	0.530%
43	7.045	840	843	844	rVV2	29757	35921	3.95%	0.266%
44	7.081	844	849	851	rVV2	85508	129711	14.25%	0.960%
45	7.122	853	856	864	rVV	737768	698013	76.71%	5.168%
46	7.181	864	866	868	rVV	36713	34170	3.76%	0.253%
47	7.228	868	874	877	rVV	134353	174800	19.21%	1.294%
48	7.257	877	879	881	rVV2	50278	44038	4.84%	0.326%
49	7.292	881	885	889	rVV2	96611	124696	13.70%	0.923%
50	7.339	889	893	895	rVV2	63710	73570	8.09%	0.545%
51	7.387	898	901	906	rVV2	43843	67992	7.47%	0.503%
52	7.445	909	911	914	rVV2	38593	40964	4.50%	0.303%
53	7.498	914	920	922	rVV	63460	85946	9.45%	0.636%
54	7.528	922	925	933	rVV	568269	590272	64.87%	4.370%
55	7.610	933	939	942	rVV3	54814	88226	9.70%	0.653%
56	7.651	942	946	952	rVV5	76025	116276	12.78%	0.861%
57	7.704	952	955	957	rVV2	37814	46083	5.06%	0.341%
58	7.734	957	960	961	rVV	52248	48418	5.32%	0.358%
59	7.751	961	963	967	rVV3	45397	72288	7.94%	0.535%
60	7.787	967	969	971	rVV	30580	28405	3.12%	0.210%
61	7.845	974	979	981	rVV2	41682	57607	6.33%	0.427%
62	7.892	984	987	990	rVV3	38582	59917	6.58%	0.444%
63	7.922	990	992	995	rVV4	34734	36534	4.01%	0.270%
64	7.951	995	997	998	rVV	22873	20852	2.29%	0.154%
65	7.986	999	1003	1005	rVV2	54411	70279	7.72%	0.520%
66	8.010	1005	1007	1008	rVV	30528	23964	2.63%	0.177%
67	8.028	1008	1010	1012	rVV	26959	21155	2.32%	0.157%
68	8.057	1012	1015	1019	rVV3	21831	28184	3.10%	0.209%
69	8.110	1022	1024	1028	rVB2	19532	18427	2.03%	0.136%
70	8.192	1036	1038	1040	rBV3	16270	14371	1.58%	0.106%
71	8.251	1040	1048	1053	rVV	794016	758460	83.35%	5.616%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

72	8.292	1053	1055	1059	rVV2	53160	57492	6.32%	0.426%
73	8.328	1059	1061	1064	rVB2	19571	16985	1.87%	0.126%
74	8.534	1090	1096	1101	rVB6	15499	30564	3.36%	0.226%
75	8.710	1124	1126	1131	rVB2	12787	13802	1.52%	0.102%
76	9.322	1227	1230	1241	rBV	866177	822699	90.41%	6.091%
77	9.398	1241	1243	1247	rVB3	10691	10397	1.14%	0.077%
78	9.716	1294	1297	1304	rBV	92634	89832	9.87%	0.665%
79	10.010	1344	1347	1357	rBV	698406	708587	77.87%	5.246%
80	10.416	1413	1416	1419	rVB2	16756	13794	1.52%	0.102%
81	10.804	1478	1482	1491	rBV	391956	406032	44.62%	3.006%
82	10.910	1496	1500	1502	rVB4	13758	13127	1.44%	0.097%
83	11.374	1577	1579	1584	rBV4	10648	10975	1.21%	0.081%
84	11.504	1597	1601	1609	rBV	647461	619137	68.04%	4.584%
85	11.727	1636	1639	1641	rBV3	9403	12754	1.40%	0.094%
86	12.016	1684	1688	1689	rBV3	9345	11953	1.31%	0.089%
87	12.957	1845	1848	1854	rVB3	53842	65381	7.19%	0.484%
88	13.057	1863	1865	1867	rBV3	27255	24569	2.70%	0.182%
89	13.086	1867	1870	1877	rVV	641133	574400	63.12%	4.253%
90	13.274	1899	1902	1905	rBV4	46223	56598	6.22%	0.419%
91	14.157	2049	2052	2056	rVB	528836	488890	53.73%	3.620%
92	15.698	2311	2314	2319	rVB2	307275	411772	45.25%	3.049%
93	16.427	2435	2438	2445	rVB	181932	326197	35.85%	2.415%

Sum of corrected areas: 13506112

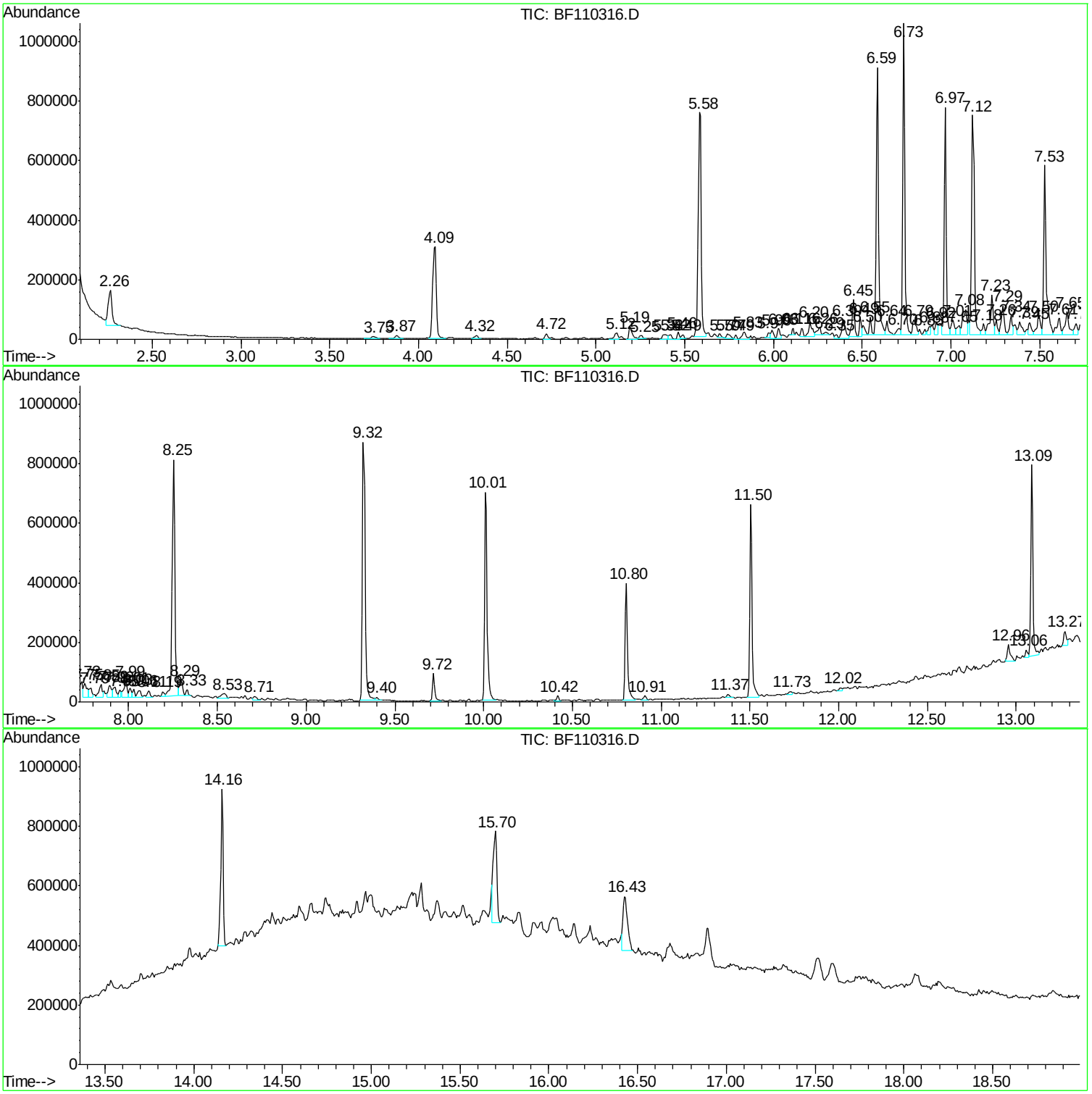
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

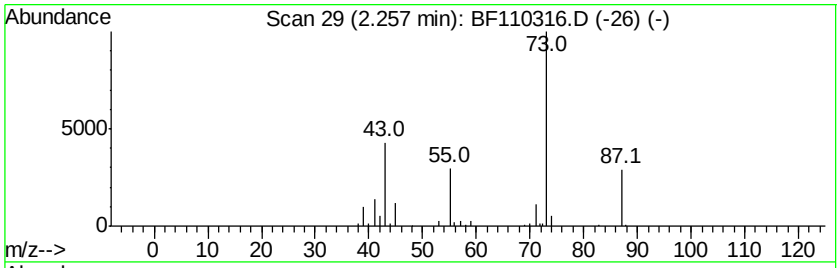
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

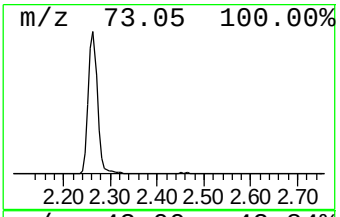
****

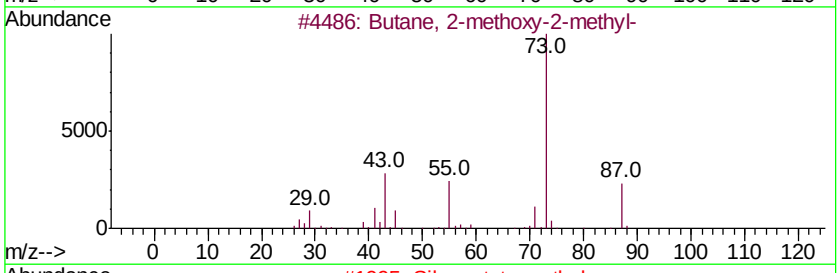
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

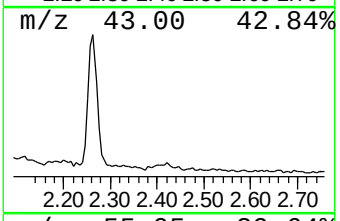
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	5.41 ng	175653	1,4-Dichlorobenzene-d4	6.97

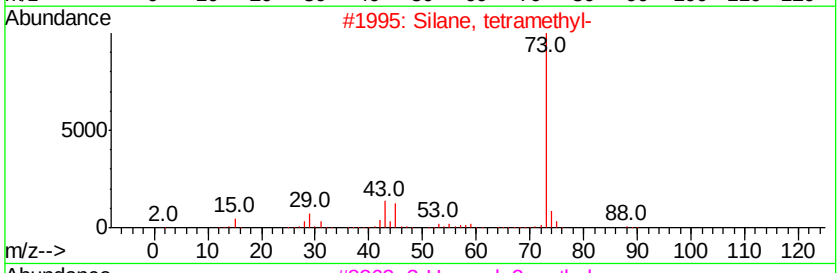
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

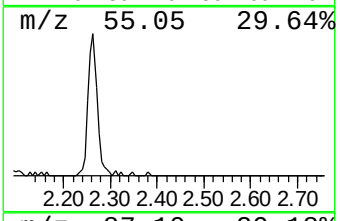


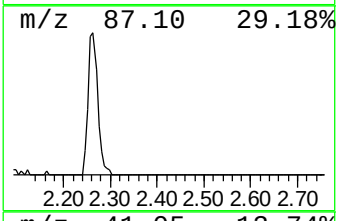


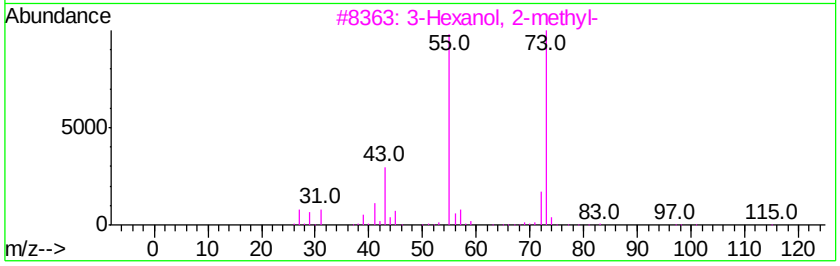


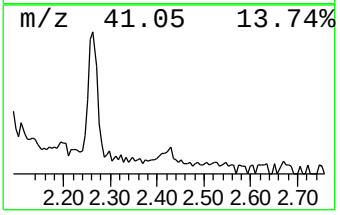












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Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

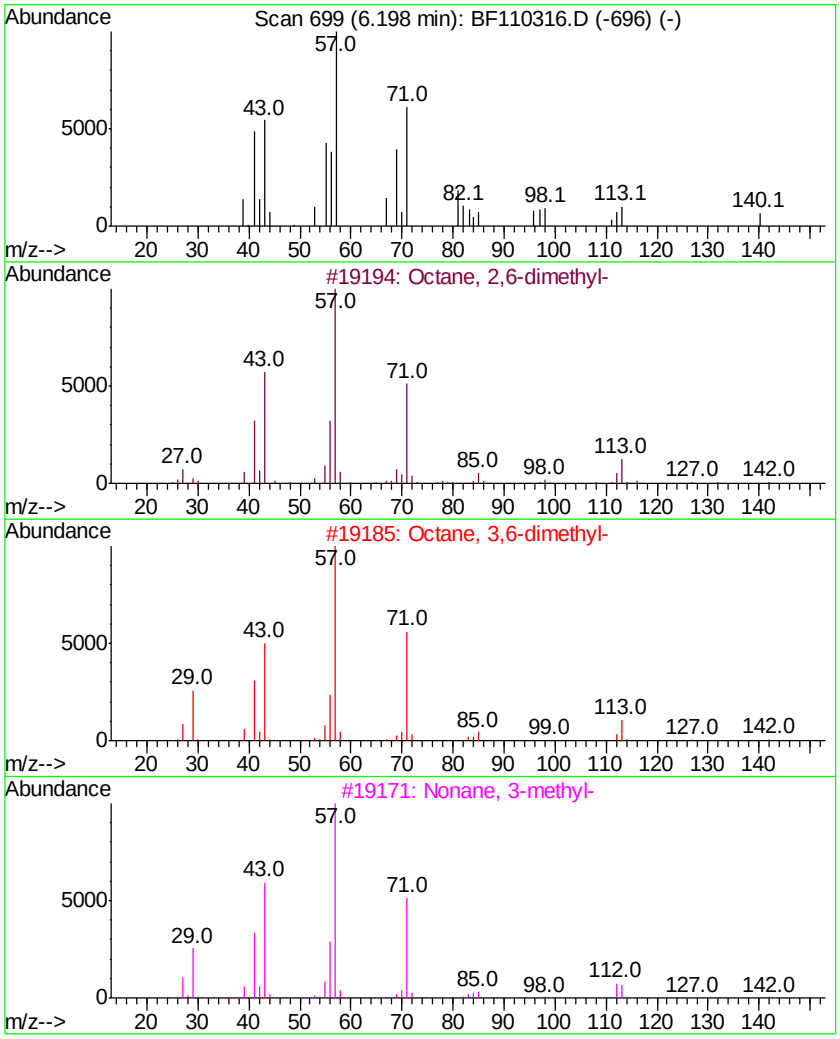
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

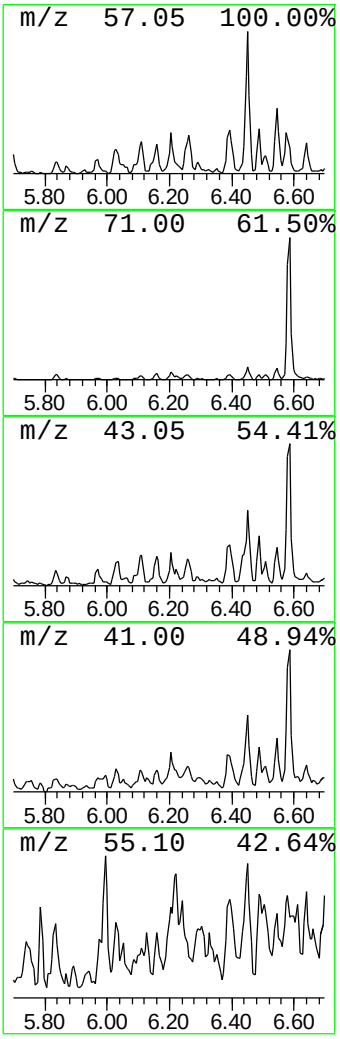
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	2.41 ng	78213	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

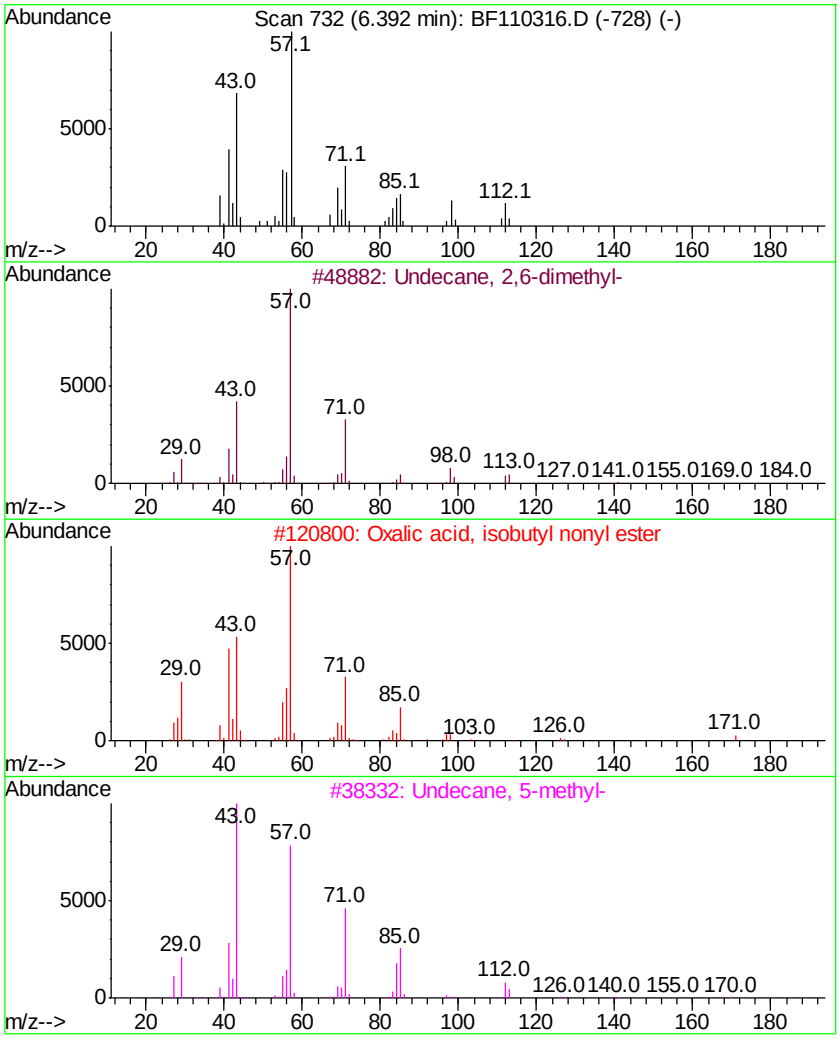
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

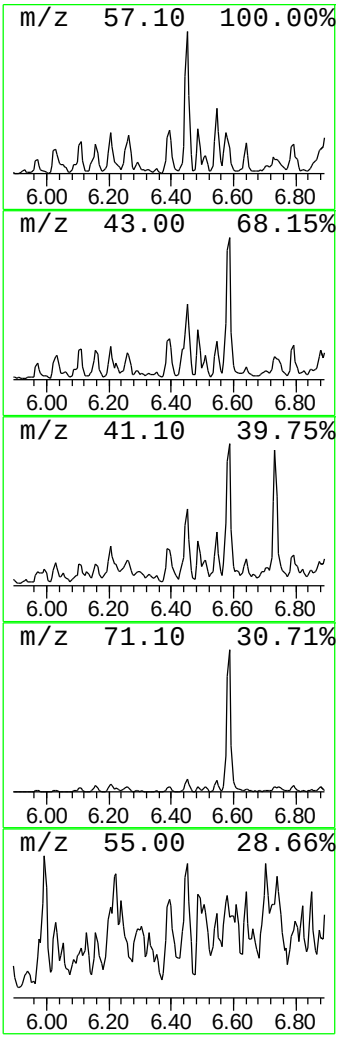
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	2.80 ng	90897	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	52
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4	Decane, 5-methyl-	156	C11H24	013151-35-4	47
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

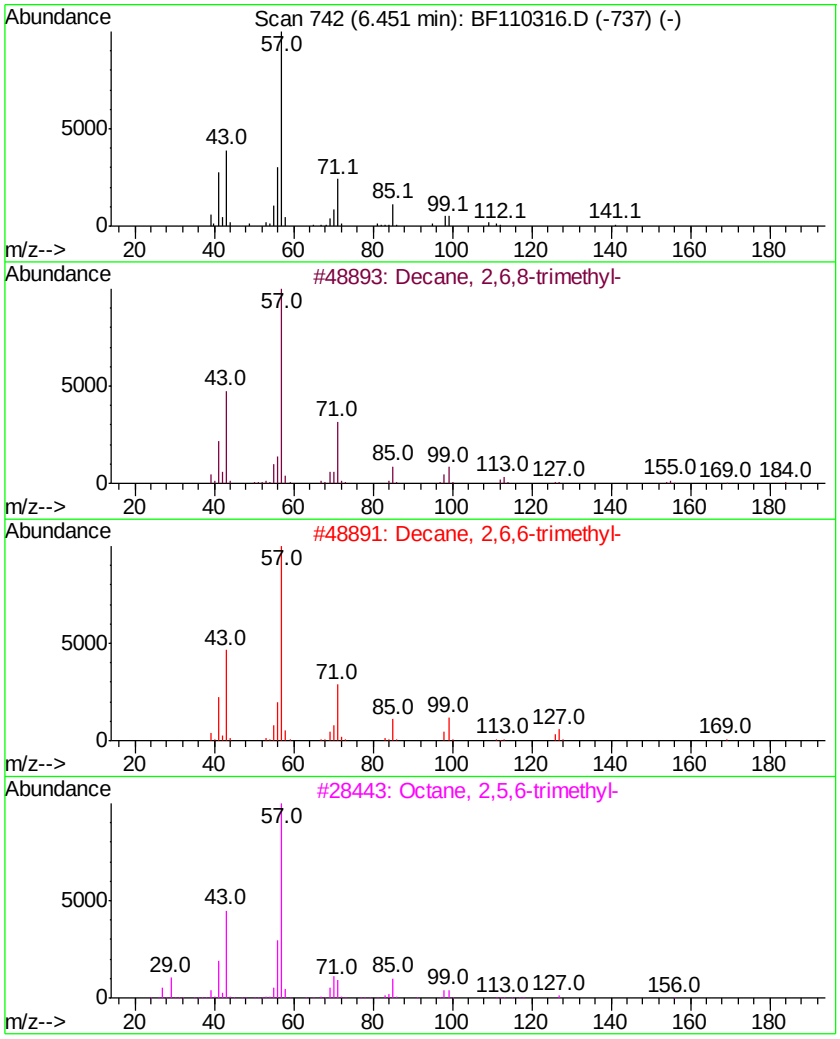
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

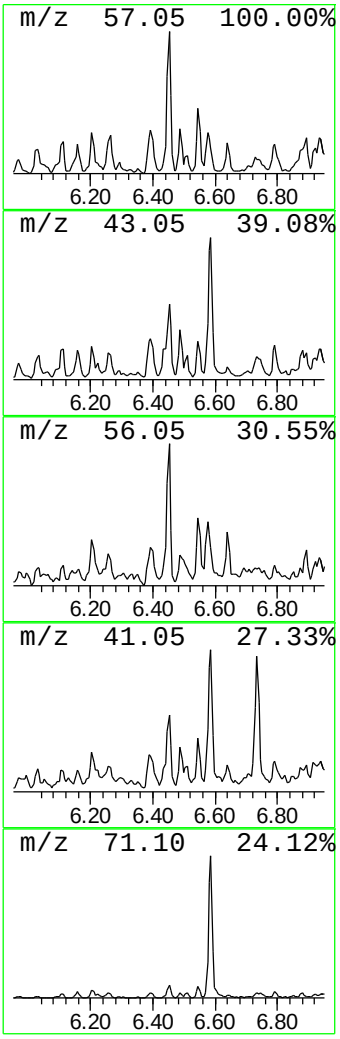
****

Peak Number 5 Decane, 2,6,8-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	4.14 ng	134435	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
2	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	53
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

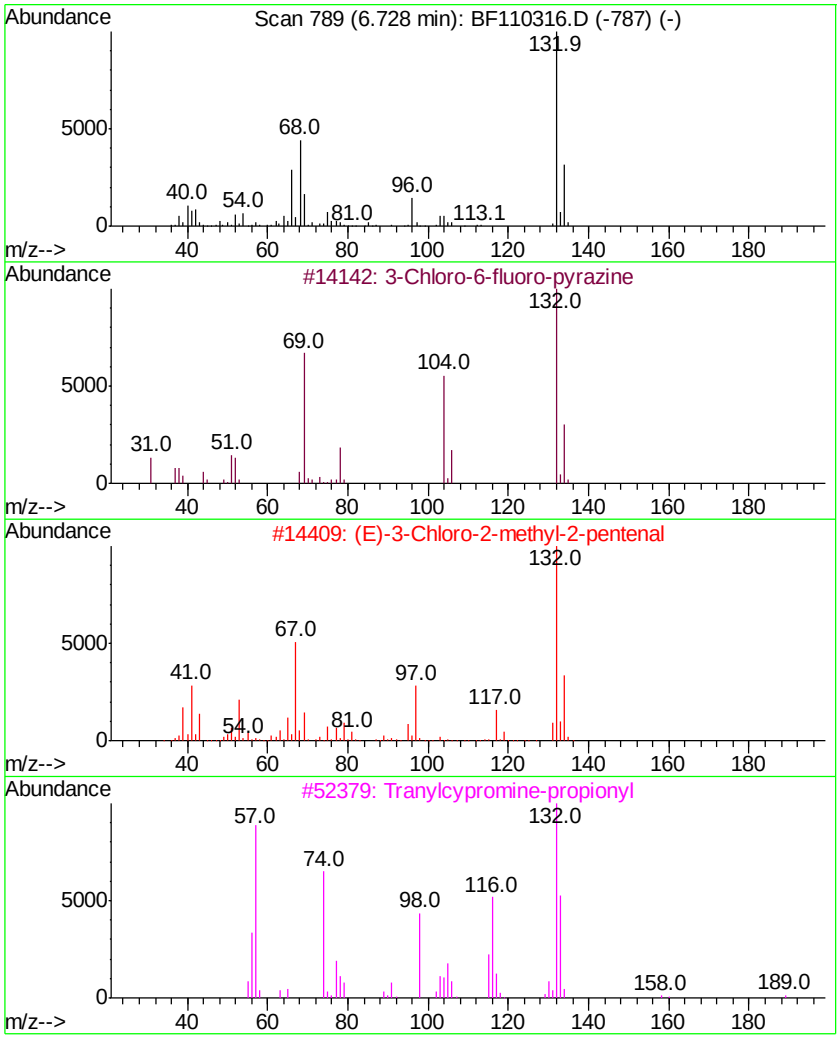
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

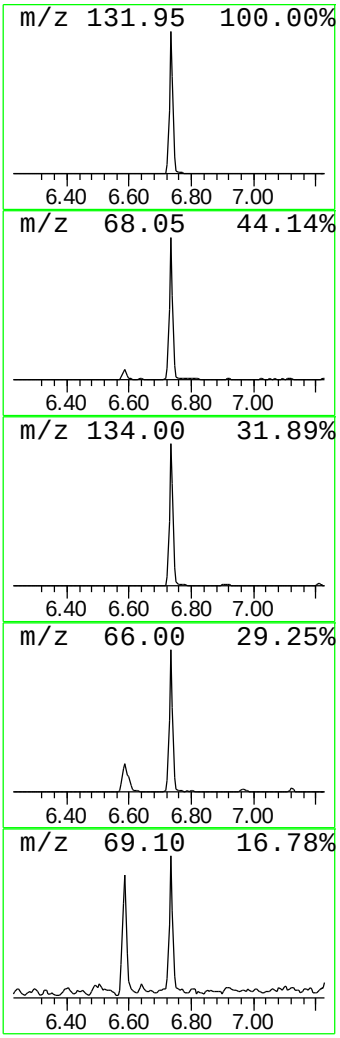
****

Peak Number 6 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	28.04 ng	909956	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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

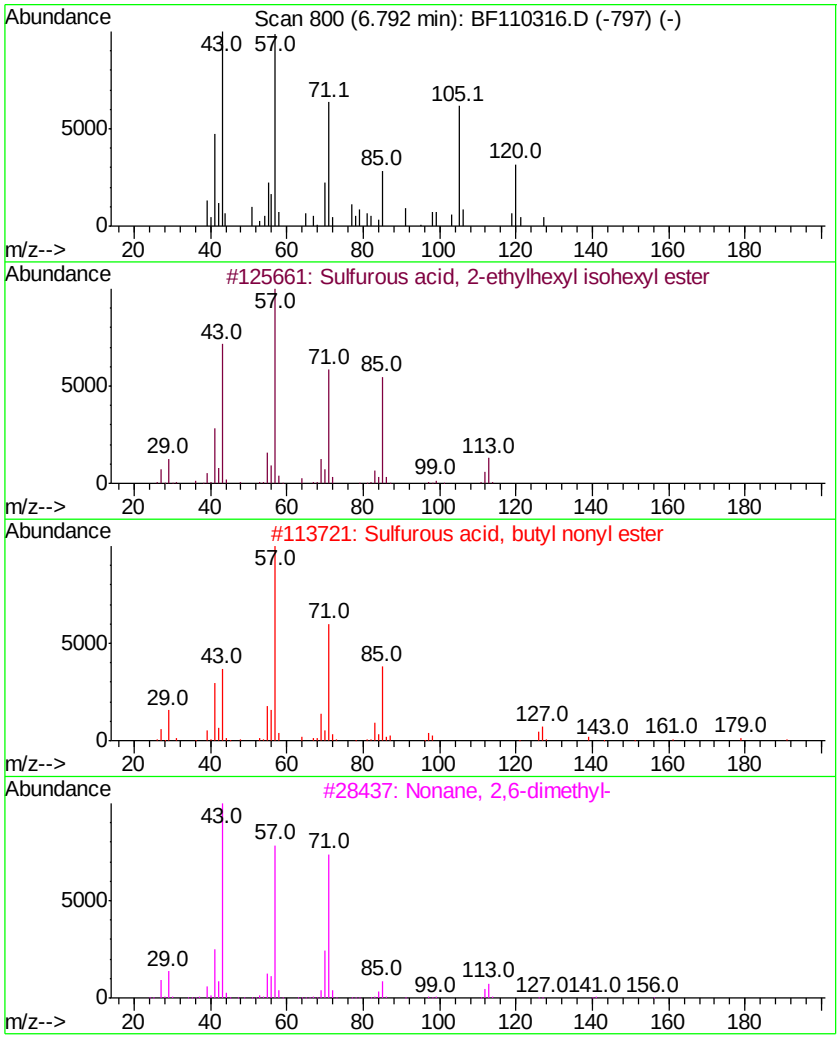
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

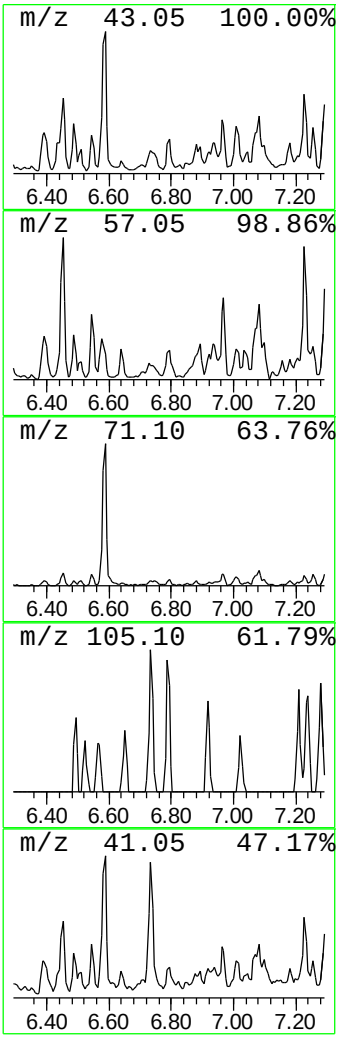
****

Peak Number 7 unknown6.79 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.07 ng	67240	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	43
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	43
5	Decane, 4-methyl-	156	C11H24	002847-72-5	38





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Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

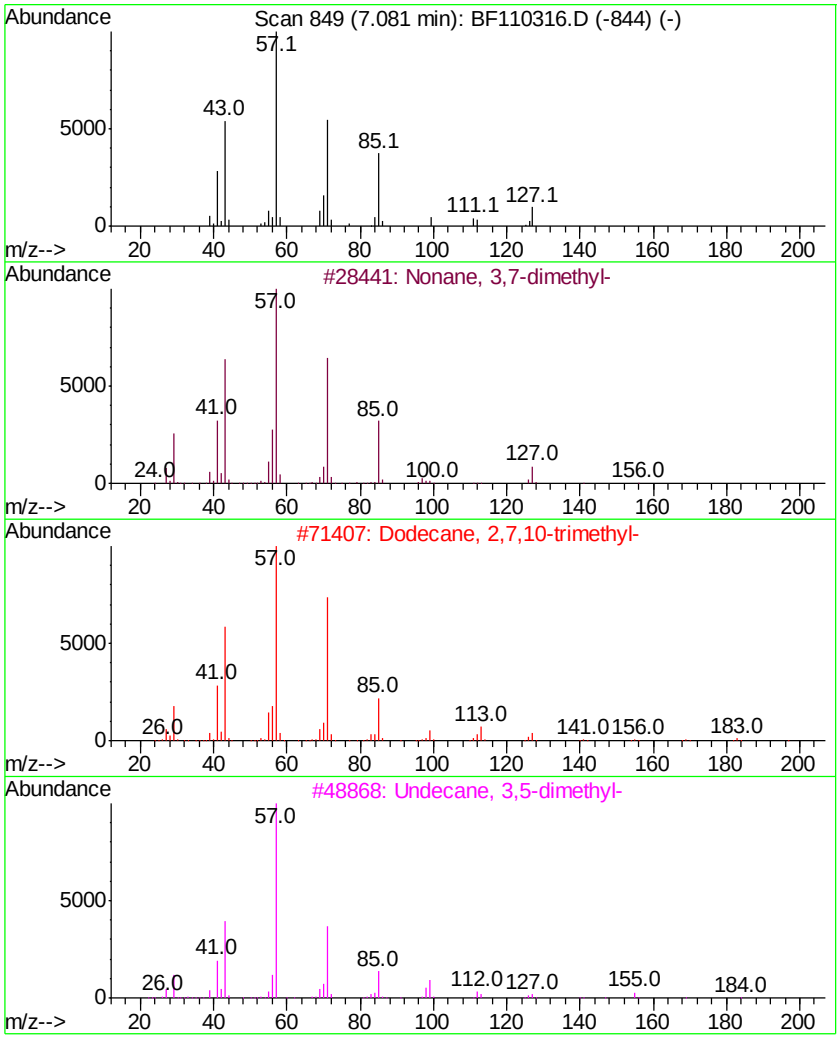
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

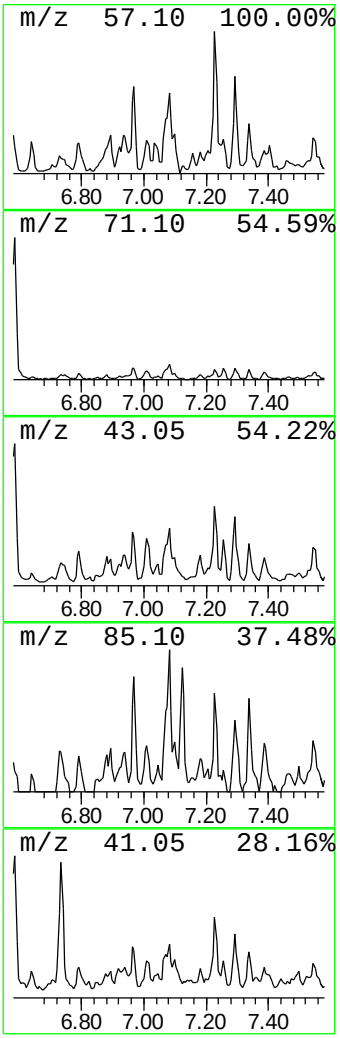
****

Peak Number 8 Nonane, 3,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	4.00 ng	129711	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	56
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	56
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5	Tetradecane	198	C14H30	000629-59-4	50





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Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

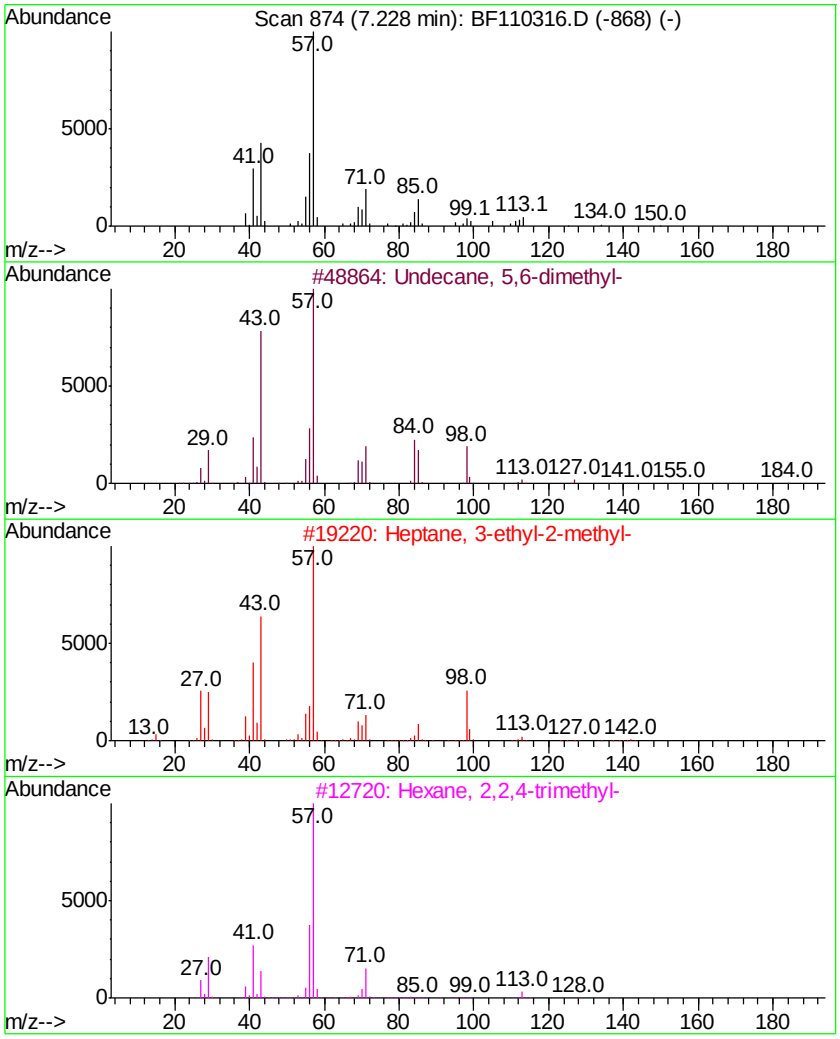
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

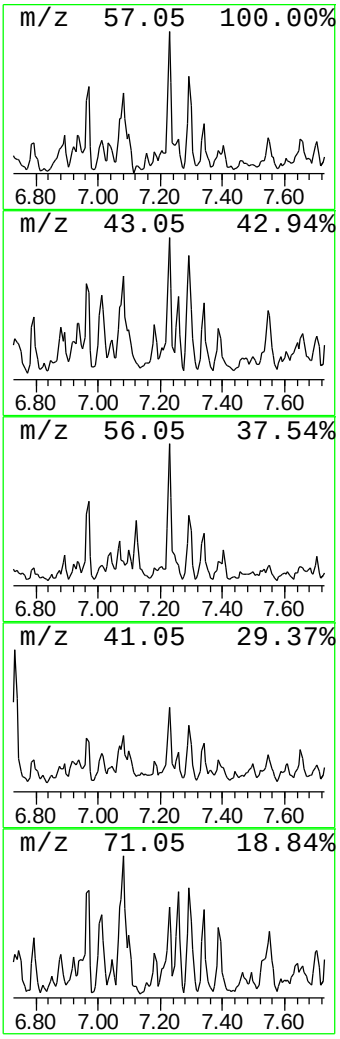
****

Peak Number 10 Undecane, 5,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	5.39 ng	174800	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	47
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47





Library Search Compound Report

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Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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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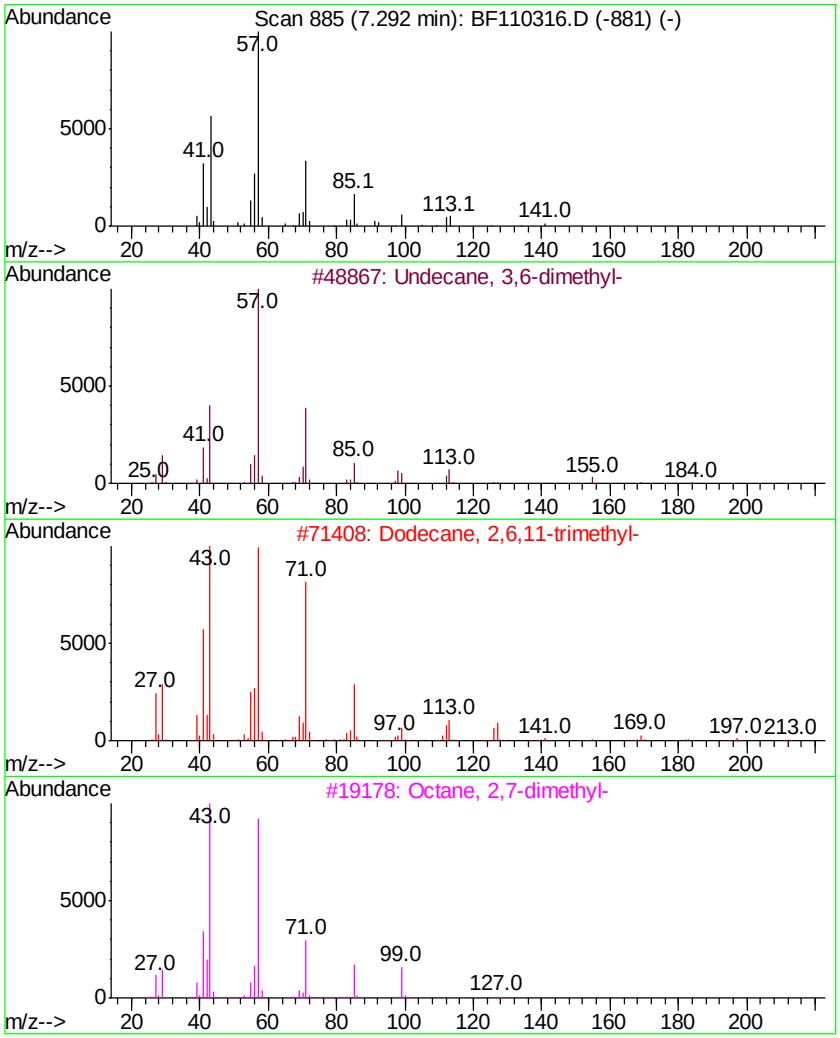
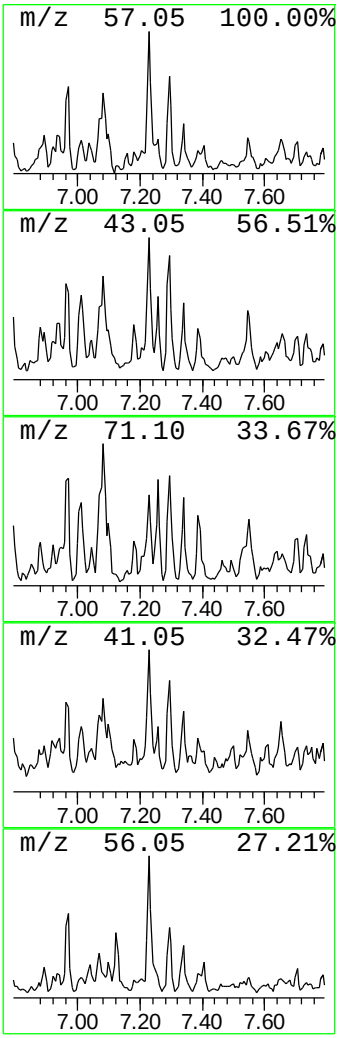
Peak Number 11 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	3.84 ng	124696	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
4	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	53
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53





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Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

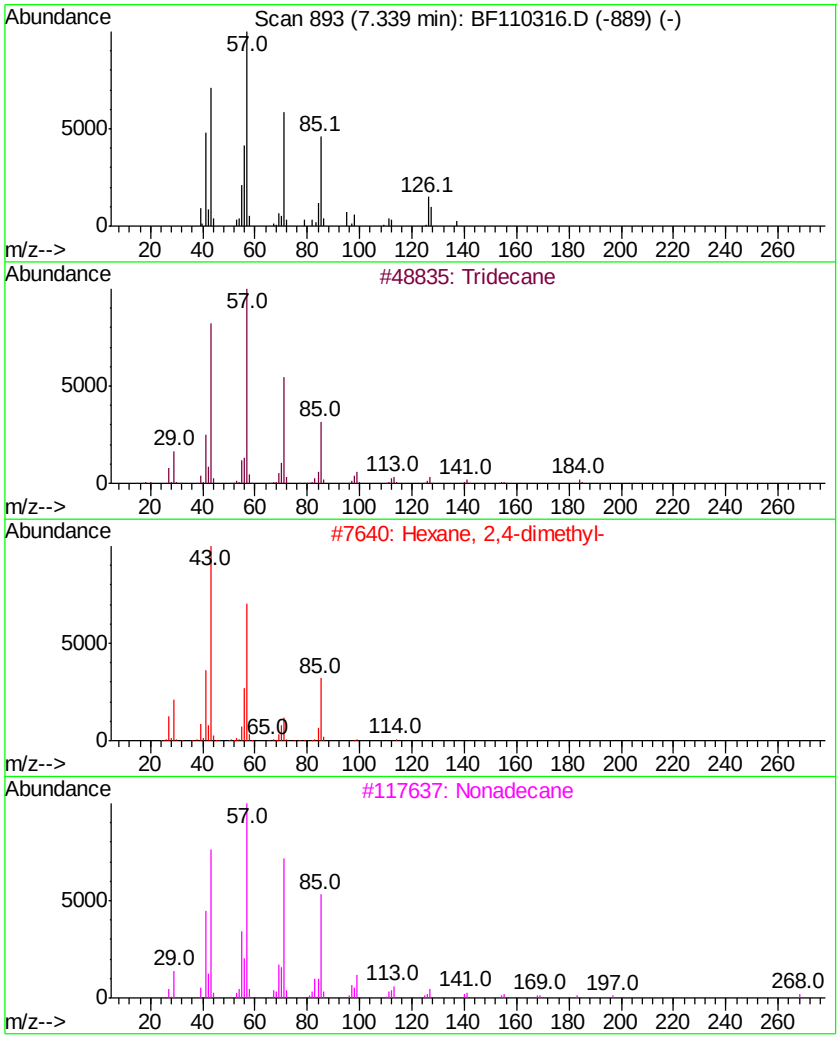
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

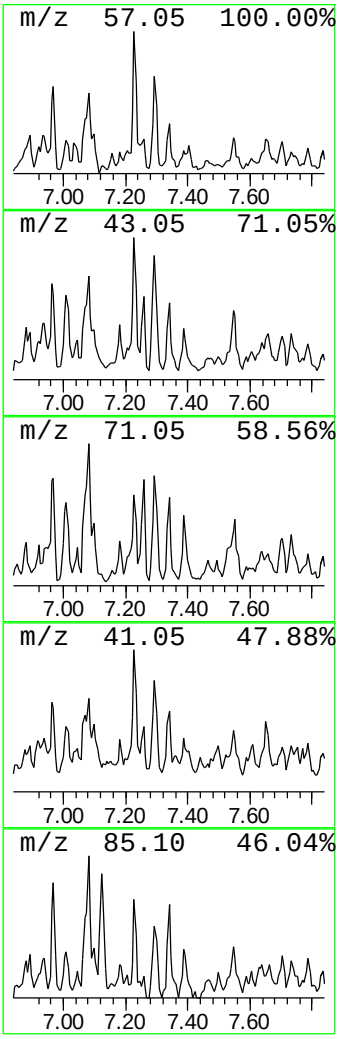
****

Peak Number 12 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.27 ng	73570	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	53
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
3	Nonadecane	268	C19H40	000629-92-5	50
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	50
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47





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Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

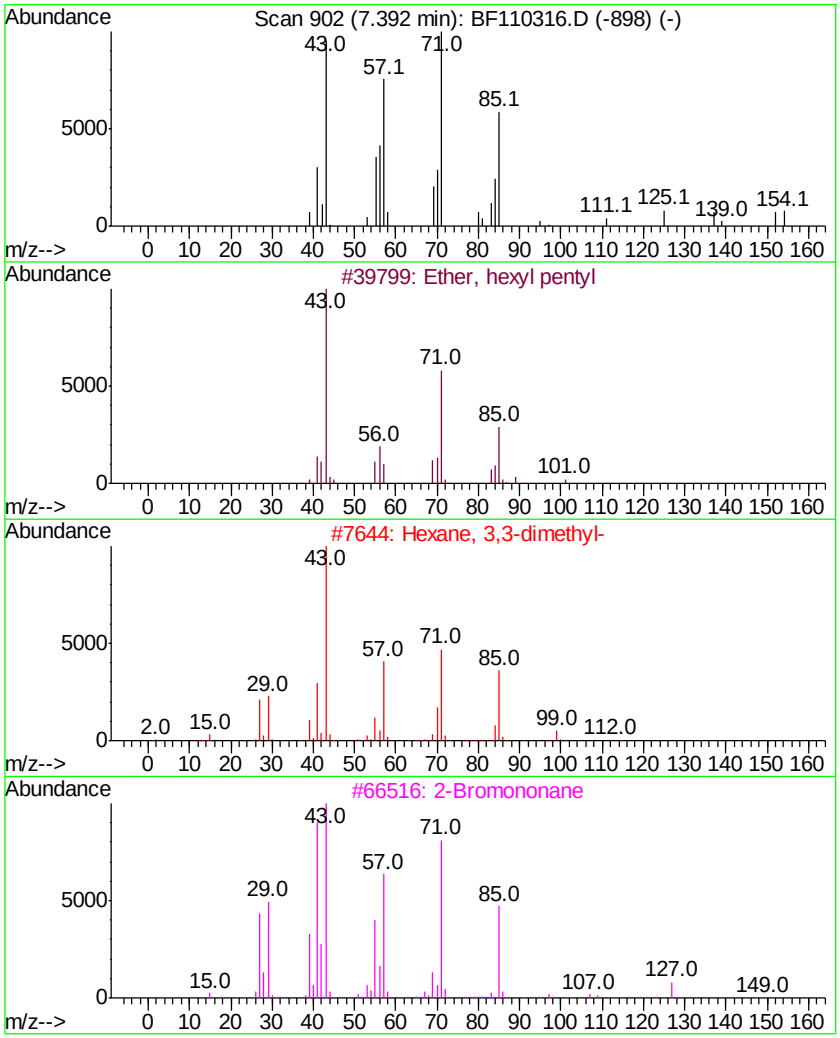
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

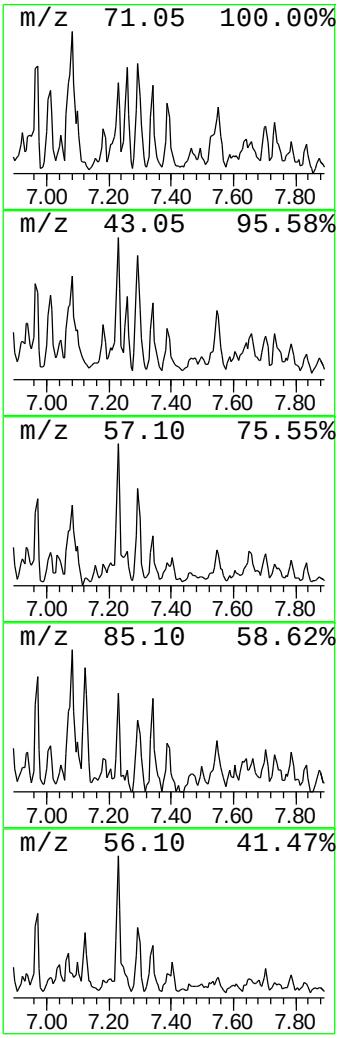
****

Peak Number 13 Ether, hexyl pentyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	2.10 ng	67992	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	80
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	2-Bromononane	206	C9H19Br	002216-35-5	53
4	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53





Library Search Compound Report

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Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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

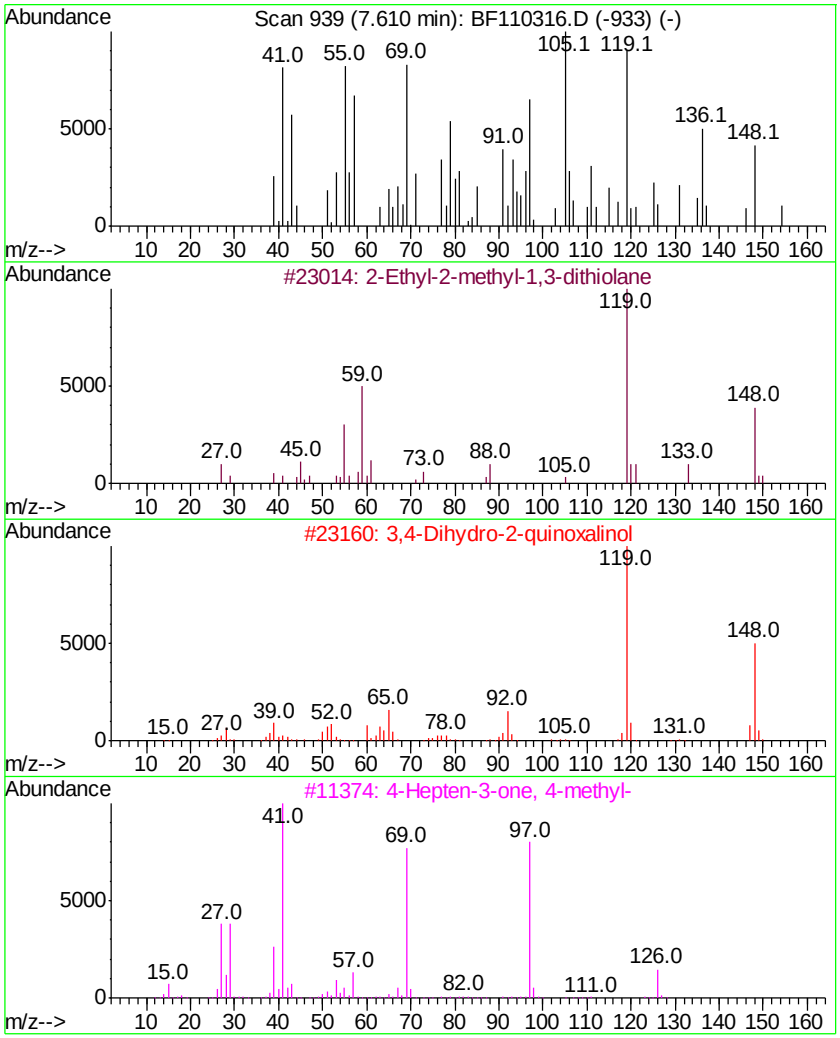
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

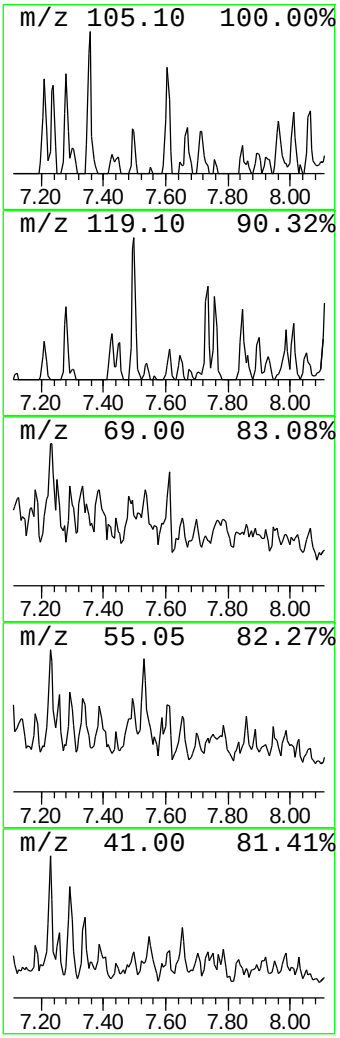
****

Peak Number 14 unknown7.61 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.33 ng	88226	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	18
2	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	14
3	4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	14
4	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	14
5	o-Toluic acid, 2-pentyl ester	206	C13H18O2	212260-63-4	14





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Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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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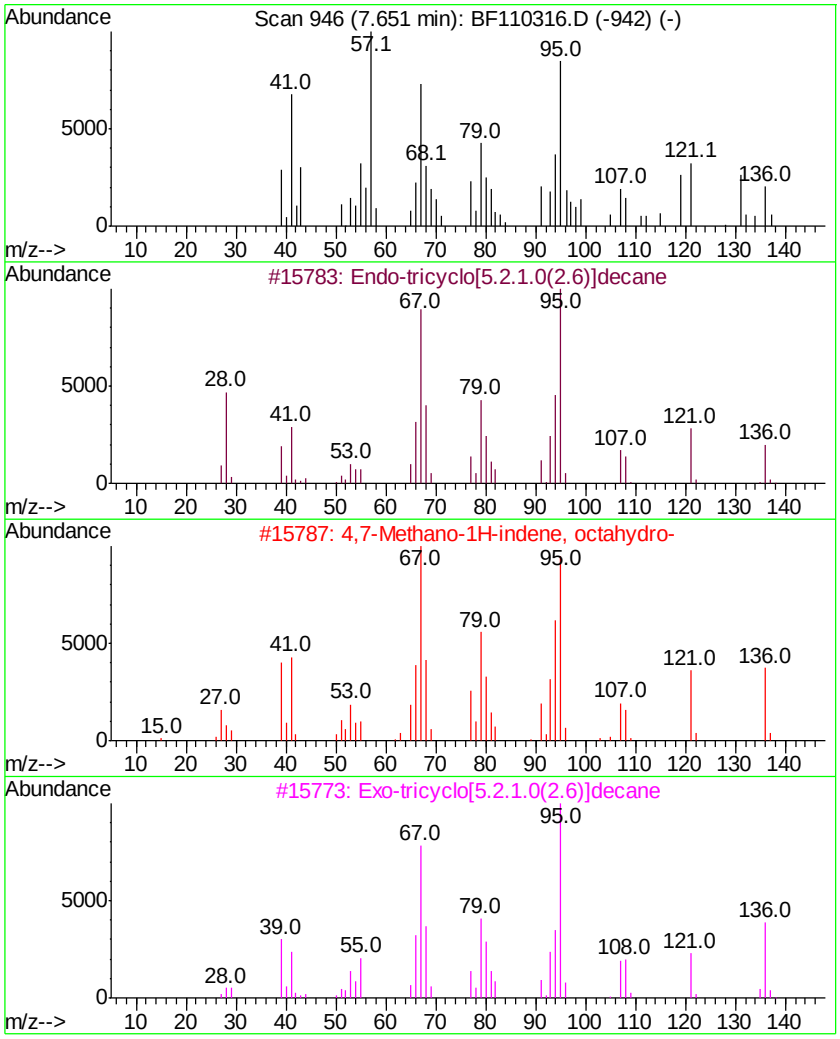
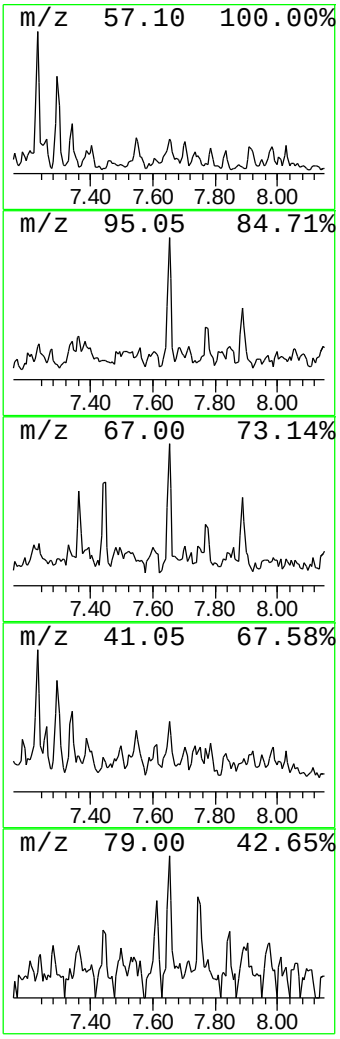
Peak Number 15 Endo-tricyclo[5.2.1.0(2.6)]... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.07 ng	116276	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	96
2	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	95
3	Exo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-7	93
4	3-Cyclopentylcyclopentene	136	C10H16	002690-17-7	72
5	Bicyclo[2.2.1]heptane, 2-(1,1-di...	164	C12H20	069219-08-5	50





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Instrument : BNA_F
ClientSampleId : SB-2

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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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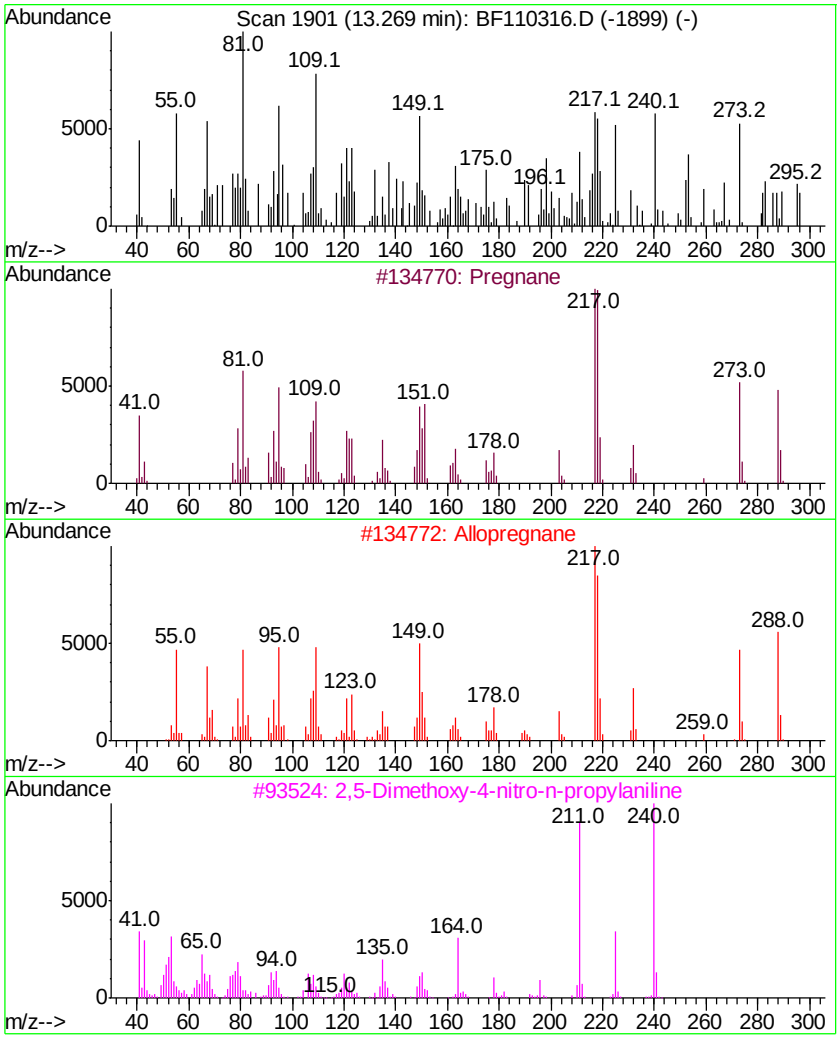
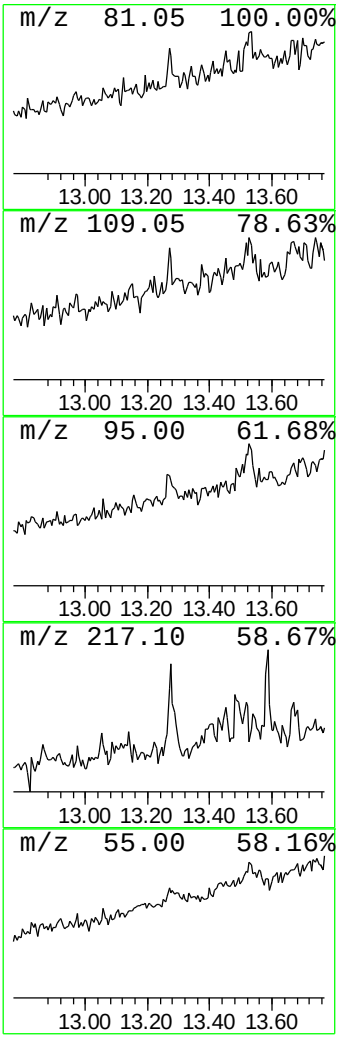
Peak Number 17 unknown13.27 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.32 ng	56598	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnane	288	C21H36	000481-26-5	25
2	Allopregnane	288	C21H36	000641-85-0	25
3	2,5-Dimethoxy-4-nitro-n-propylan...	240	C11H16N2O4	1000213-86-5	14
4	Cyclopentene-1-carbonitrile, 2-(...	218	C12H11ClN2	191980-01-5	14
5	Cyclopropanecarbonitrile, 1-(p-c...	253	C16H12ClN	032589-55-2	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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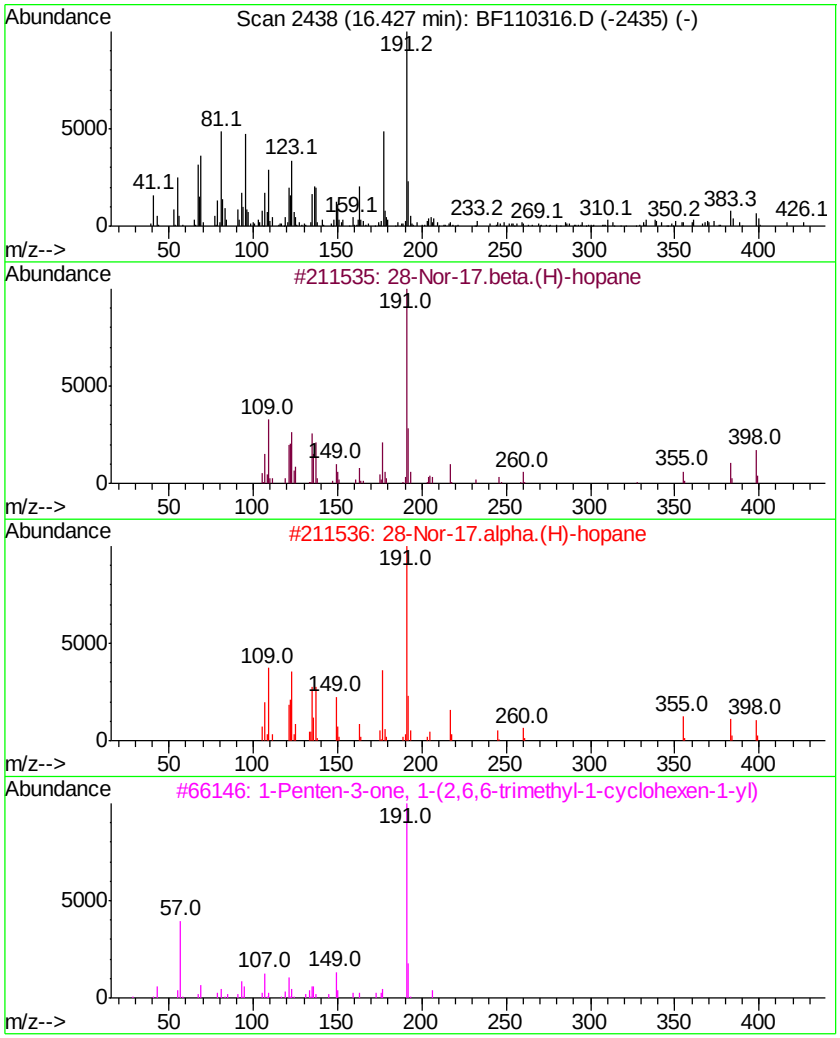
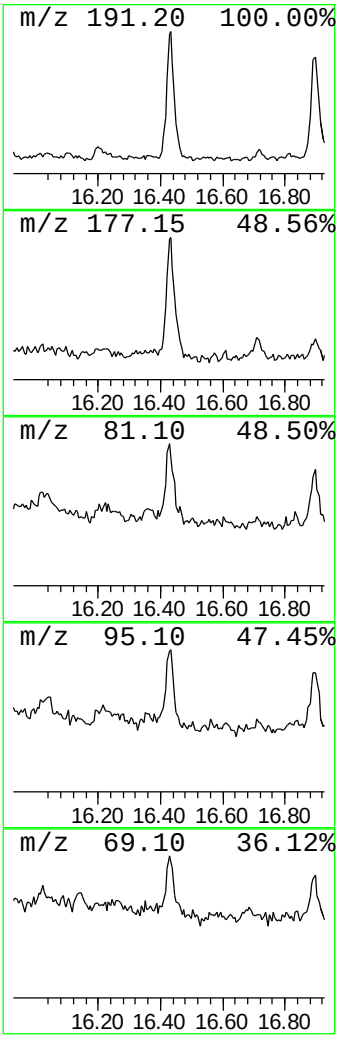
Peak Number 18 28-Nor-17.beta.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	15.84 ng	326197	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	46
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
4	3,4-Dimethyl-2-(3-methyl-butyryl...	248	C15H20O3	071940-29-9	22
5	5,5-Dimethyl-2-(2,2,2-trifluoro-...	249	C8H9F6NO	020967-43-5	22





Tentatively Identified Compound (LSC) summary

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Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	5.4	ng	175653	1	6.97	649049	20.0
Octane, 2,6-dimet...	6.20	2.4	ng	78213	1	6.97	649049	20.0
Undecane, 2,6-dim...	6.39	2.8	ng	90897	1	6.97	649049	20.0
Decane, 2,6,8-tri...	6.45	4.1	ng	134435	1	6.97	649049	20.0
unknown6.73	6.73	28.0	ng	909956	1	6.97	649049	20.0
unknown6.79	6.79	2.1	ng	67240	1	6.97	649049	20.0
Nonane, 3,7-dimet...	7.08	4.0	ng	129711	1	6.97	649049	20.0
Undecane, 5,6-dim...	7.23	5.4	ng	174800	1	6.97	649049	20.0
Undecane, 3,6-dim...	7.29	3.8	ng	124696	1	6.97	649049	20.0
Tridecane	7.34	2.3	ng	73570	1	6.97	649049	20.0
Ether, hexyl pentyl	7.39	2.1	ng	67992	1	6.97	649049	20.0
unknown7.61	7.61	2.3	ng	88226	2	8.25	758460	20.0
Endo-tricyclo[5.2...	7.65	3.1	ng	116276	2	8.25	758460	20.0
unknown13.27	13.27	2.3	ng	56598	5	14.16	488890	20.0
28-Nor-17.beta.(H...	16.43	15.8	ng	326197	6	15.70	411772	20.0