LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

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-BF121418.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	3.834	287	297	302	rBV	54441	87059	1.53%	0.149%
2	4.369	384	388	395	rVB	44419	57951	1.02%	0.099%
3	4.445	395	401	406	rBV5	33590	61243	1.07%	0.105%
4	4.940	481	485	491	rVB3	50825	74129	1.30%	0.127%
5	5.004	492	496	502	rBV	244262	331912	5.82%	0.570%
6	5.210	526	531	534	rBV2	80786	87490	1.54%	0.150%
7	5.381	557	560	561	rBV	88005	82799	1.45%	0.142%
8	5.422	562	567	570	rVB	5136241	4878241	85.59%	8.374%
9	5.569	589	592	597	rBV2	67932	92805	1.63%	0.159%
10	5.657	602	607	608	rBV2	40783	66667	1.17%	0.114%
11	5.728	613	619	623	rBV4	51302	78587	1.38%	0.135%
12	5.810	630	633	639	rVB2	121647	189600	3.33%	0.325%
13	5.869	639	643	646	rBV2	71744	99914	1.75%	0.172%
14	5.957	655	658	661	rVB3	120971	121257	2.13%	0.208%
15	6.004	661	666	669	rBV	131609	161101	2.83%	0.277%
16	6.051	671	674	676	rBV	119542	117872	2.07%	0.202%
17	6.075	676	678	680	rVB	74833	62386	1.09%	0.107%
18	6.104	680	683	686	rBV	140851	145477	2.55%	0.250%
19	6.239	700	706	708	rBV2	122035	163918	2.88%	0.281%
20	6.328	718	721	723	rBV3	148740	174423	3.06%	0.299%
21	6.439	734	740	744	rBV	4908981	5699604	100.00%	9.784%
22	6.469	744	745	748	rVB3	124157	88235	1.55%	0.151%
23	6.569	753	762	765	rBV	5461553	5413525	94.98%	9.293%
24	6.628	769	772	775	rBV2	203489	240550	4.22%	0.413%
25	6.657	775	777	779	rVB2	95103	74280	1.30%	0.128%
26	6.710	783	786	788	rBV	287233	256220	4.50%	0.440%
27	6.763	792	795	797	rBV4	165152	155703	2.73%	0.267%
28	6.792	797	800	803	rVV	1266085	1037848	18.21%	1.782%
29	6.863	808	812	814	rBV2	176878	185006	3.25%	0.318%
30	6.892	814	817	819	rBV3	140711	169373	2.97%	0.291%
31	6.916	819	821	823	rVV2	231760	207257	3.64%	0.356%
32	6.951	823	827	830	rVV	4195381	3936005	69.06%	6.756%
33	6.981	830	832	835	rVB2	299948	245105	4.30%	0.421%
34	7.028	835	840	842	rBV4	121270	180468	3.17%	0.310%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.069	845	847	851	rVV2	175826	210995	3.70%	0.362%
36	7.110	851	854	857	rVB2	235770	218450	3.83%	0.375%
37	7.186	864	867	870	rVV4	95068	97636	1.71%	0.168%
38	7.222	870	873	878	rVB4	129051	194946	3.42%	0.335%
39	7.351	887	895	898	rBV	3235670	3522166	61.80%	6.046%
40	7.439	907	910	914	rVB5	193083	263165	4.62%	0.452%
41	7.492	914	919	921	rBV5	126827	235015	4.12%	0.403%
42	7.551	927	929	931	rBV2	93960	95387	1.67%	0.164%
43	7.604	935	938	941	rVB3	350907	338913	5.95%	0.582%
44	7.633	941	943	946	rBV	121345	102414	1.80%	0.176%
45	7.675	946	950	955	rVB5	128992	203345	3.57%	0.349%
46	7.716	955	957	961	rBV3	217158	227330	3.99%	0.390%
47	7.904	986	989	993	rBV4	107233	114090	2.00%	0.196%
48	8.075	1013	1018	1022	rBV	1519025	1488833	26.12%	2.556%
49	8.145	1028	1030	1032	rVB	216017	144349	2.53%	0.248%
50	8.169	1032	1034	1038	rBV5	80180	76883	1.35%	0.132%
51	8.239	1043	1046	1051	rBV5	105753	222646	3.91%	0.382%
52	8.286	1051	1054	1056	rBV	155277	127657	2.24%	0.219%
53	8.522	1092	1094	1096	rBV2	63028	60756	1.07%	0.104%
54	9.151	1196	1201	1204	rBV	5810394	5042155	88.47%	8.655%
55	9.539	1264	1267	1274	rBV	465295	400403	7.03%	0.687%
56	9.827	1312	1316	1319	rBV	1806516	1532324	26.88%	2.630%
57	10.616	1445	1450	1455	rBV	3581524	3455996	60.64%	5.932%
58	10.739	1469	1471	1480	rVB5	48939	76019	1.33%	0.130%
59	11.274	1559	1562	1564	rBV2	80536	60954	1.07%	0.105%
60	11.310	1564	1568	1571	rVV	1859763	1525883	26.77%	2.619%
61	11.333	1571	1572	1575	rVB	113819	61340	1.08%	0.105%
62	11.545	1605	1608	1610	rBV4	44618	57778	1.01%	0.099%
63	11.845	1655	1659	1664	rBV	866086	788353	13.83%	1.353%
64	11.921	1669	1672	1681	rVB2	210277	264656	4.64%	0.454%
65	12.363	1744	1747	1751	rBV	119859	151216	2.65%	0.260%
66	12.521	1771	1774	1777	rBV	785304	638424	11.20%	1.096%
67	12.568	1779	1782	1784	rVB2	79277	69435	1.22%	0.119%
68	12.627	1789	1792	1798	rBV	260657	274201	4.81%	0.471%
69	12.745	1807	1812	1816	rBV	819437	892235	15.65%	1.532%
70	12.898	1834	1838	1841	rBV	4577744	4188042	73.48%	7.189%
71	12.968	1847	1850	1857	rVB5	77319	115358	2.02%	0.198%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.057	1862	1865	1866	rVV3	66414	75279	1.32%	0.129%
73	13.074	1866	1868	1871	rVB	147154	141554	2.48%	0.243%
74	13.145	1877	1880	1882	rVB	131305	115068	2.02%	0.198%
75	13.180	1883	1886	1889	rVV	109167	91217	1.60%	0.157%
76	13.304	1904	1907	1911	rVB	91230	76098	1.34%	0.131%
77	13.798	1988	1991	1999	rVB	558235	674121	11.83%	1.157%
78	13.945	2011	2016	2019	rBV2	1294454	1426472	25.03%	2.449%
79	13.968	2019	2020	2027	rVB	296139	231460	4.06%	0.397%
80	14.333	2079	2082	2085	rVB	83491	73957	1.30%	0.127%
81	14.427	2095	2098	2101	rBV3	75440	75046	1.32%	0.129%
82	14.727	2147	2149	2155	rVB	68625	101849	1.79%	0.175%
83	14.804	2160	2162	2166	rVB3	55567	57233	1.00%	0.098%
84	14.968	2186	2190	2194	rBV	228688	347476	6.10%	0.596%
85	15.057	2202	2205	2215	rVB2	92719	164307	2.88%	0.282%
86	15.262	2236	2240	2246	rBV	155322	175220	3.07%	0.301%
87	15.321	2246	2250	2256	rVB	210399	256060	4.49%	0.440%
88	15.386	2256	2261	2265	rBV	812444	955089	16.76%	1.639%
89	15.851	2336	2340	2345	rVB2	78610	109989	1.93%	0.189%
90	15.915	2345	2351	2358	rBV2	51551	144164	2.53%	0.247%
91	16.345	2420	2424	2428	rVB3	43025	61630	1.08%	0.106%
92	16.792	2495	2500	2509	rVB2	87953	173786	3.05%	0.298%
93	17.209	2567	2571	2582	rVB	79598	166078	2.91%	0.285%

Sum of corrected areas: 58256911

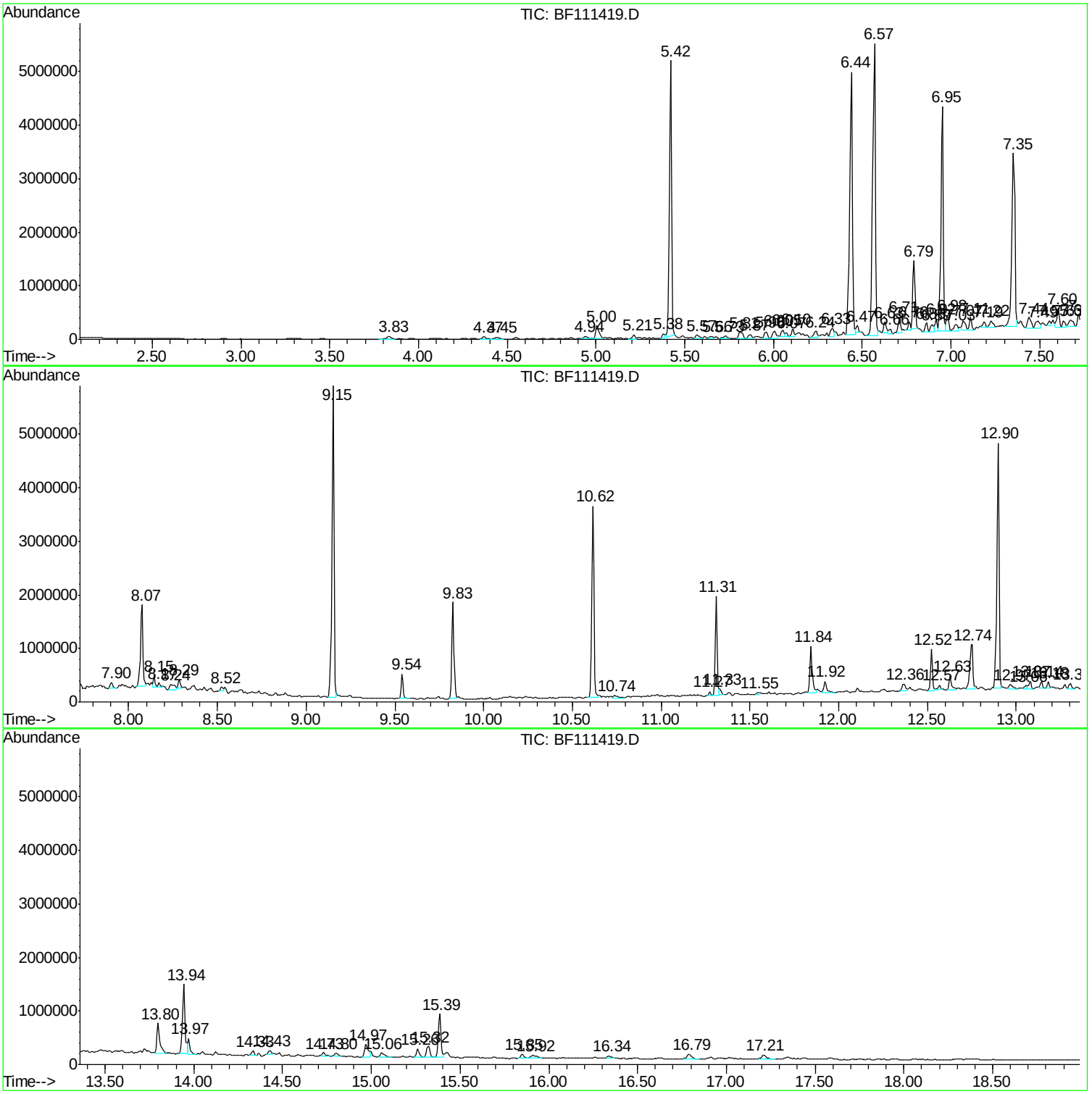
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

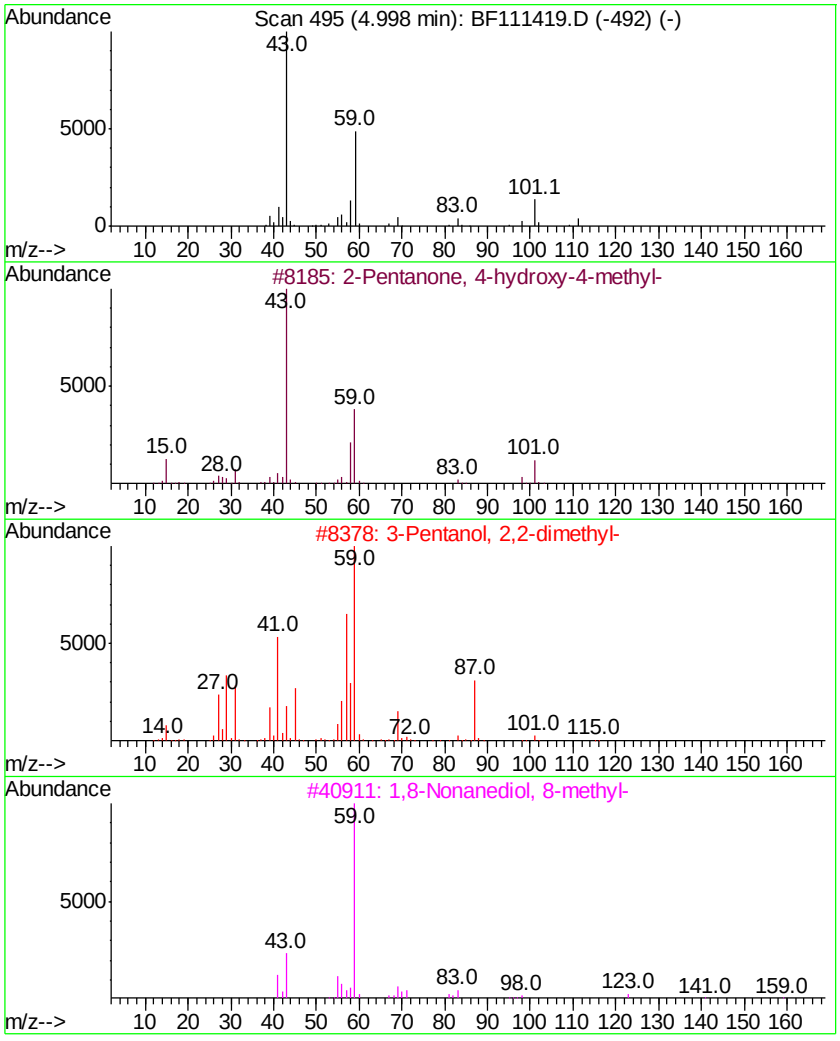
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

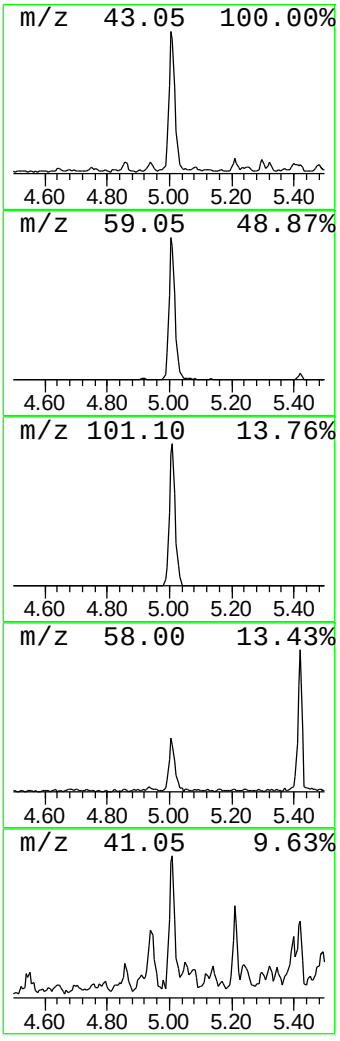
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	6.40 ng	331912	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	37
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

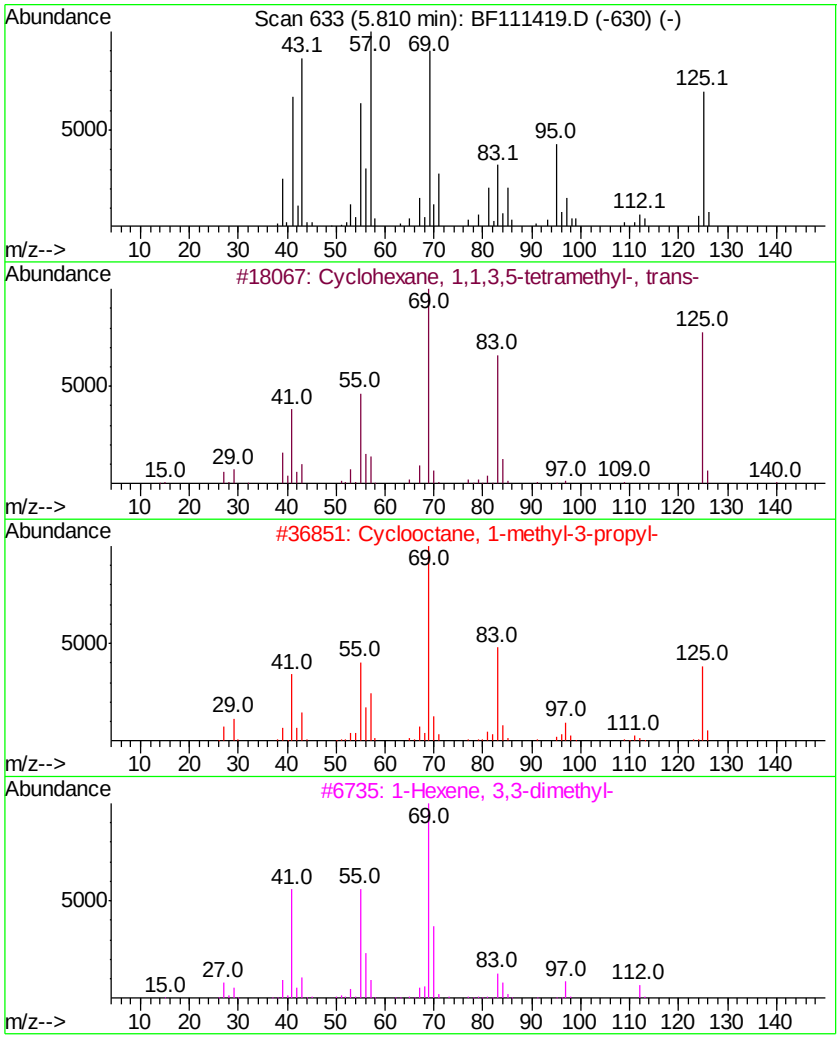
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

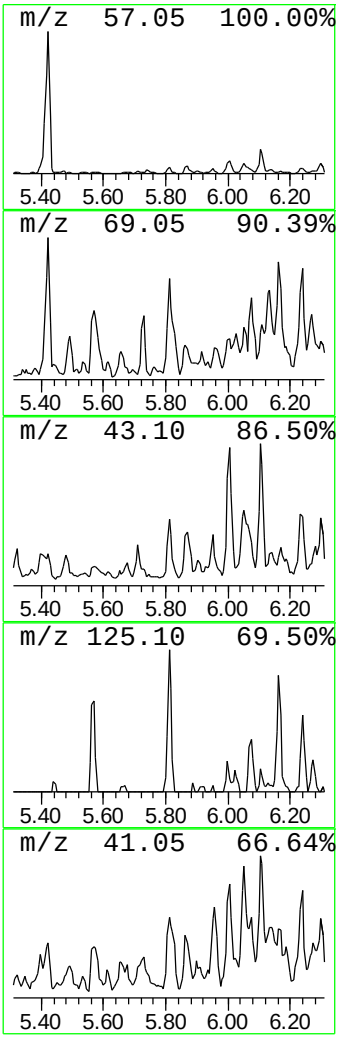
****

Peak Number 2 unknown5.81 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	3.65 ng	189600	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	49
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	47
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
4	2-Methyl-2-octene	126	C9H18	016993-86-5	27
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

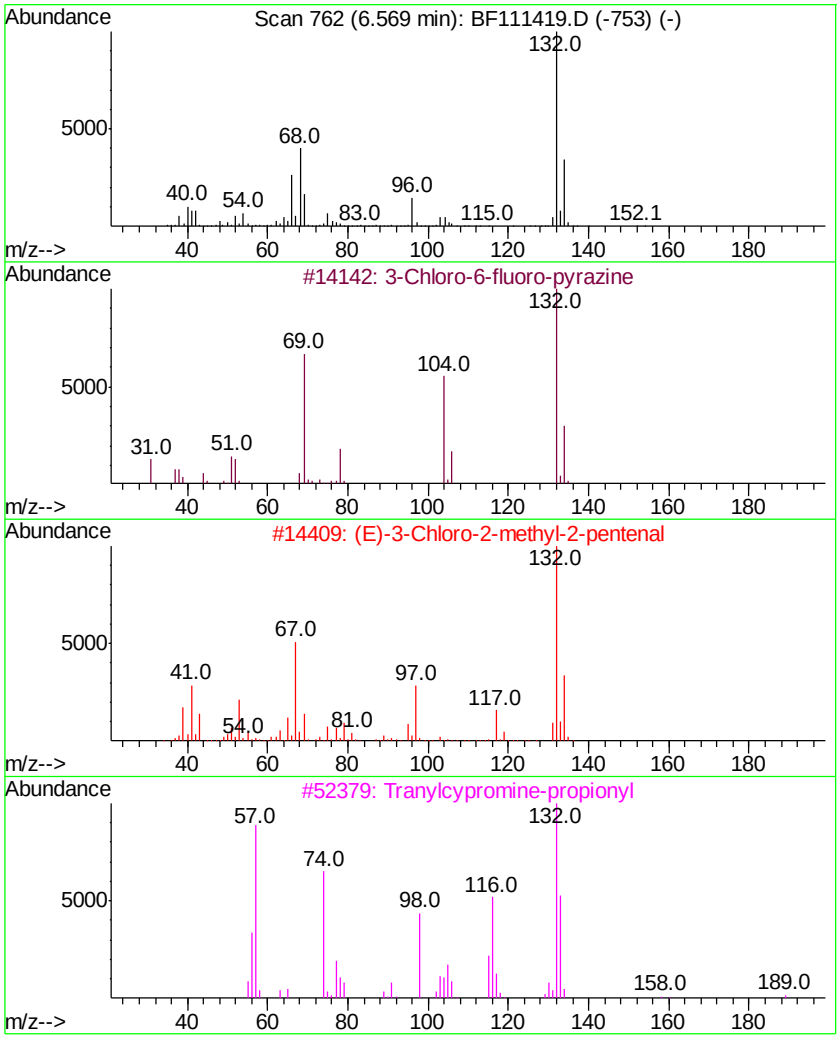
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

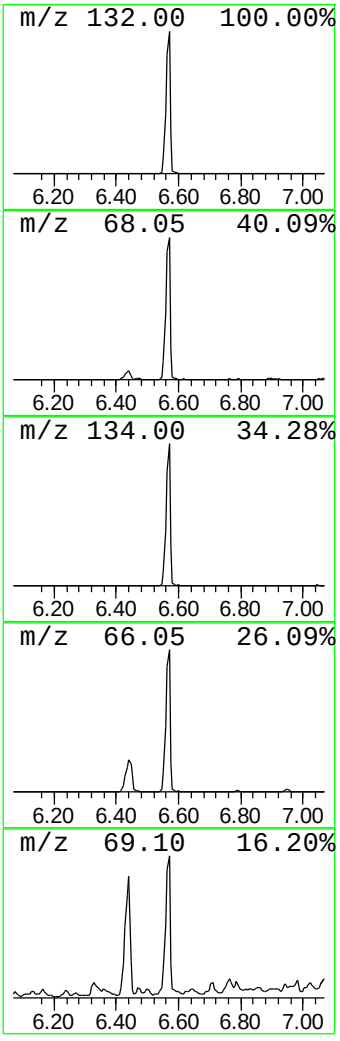
****

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	104.32 ng	5413530	1,4-Dichlorobenzene-d4	6.79

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
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\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

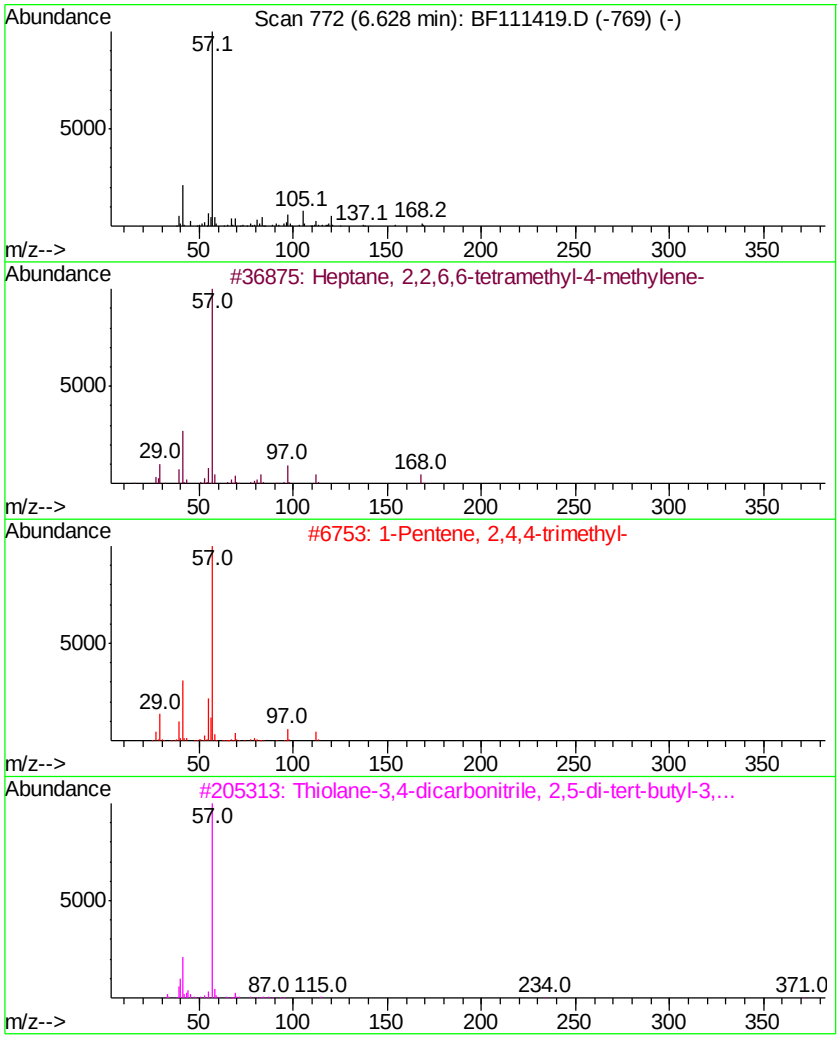
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

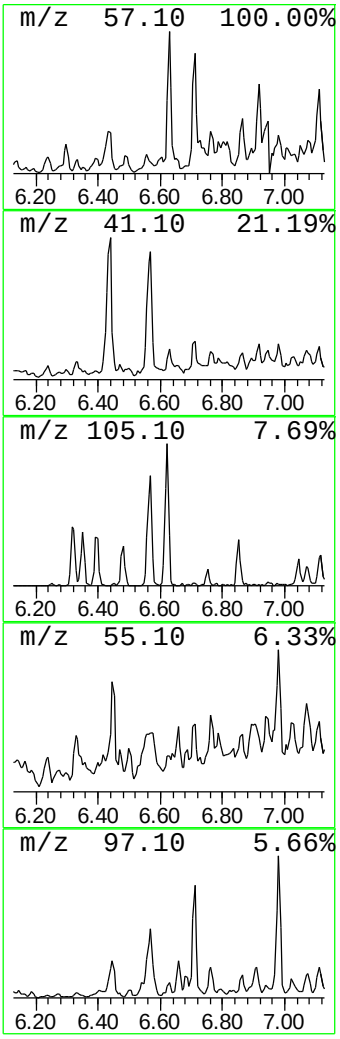
****

Peak Number 4 unknown6.63 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	4.64 ng	240550	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	47
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	37
3	Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	27
4	Thiolane-3,3,4,4-tetracarbonitri...	300	C16H20N4S	1000260-74-7	25
5	4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

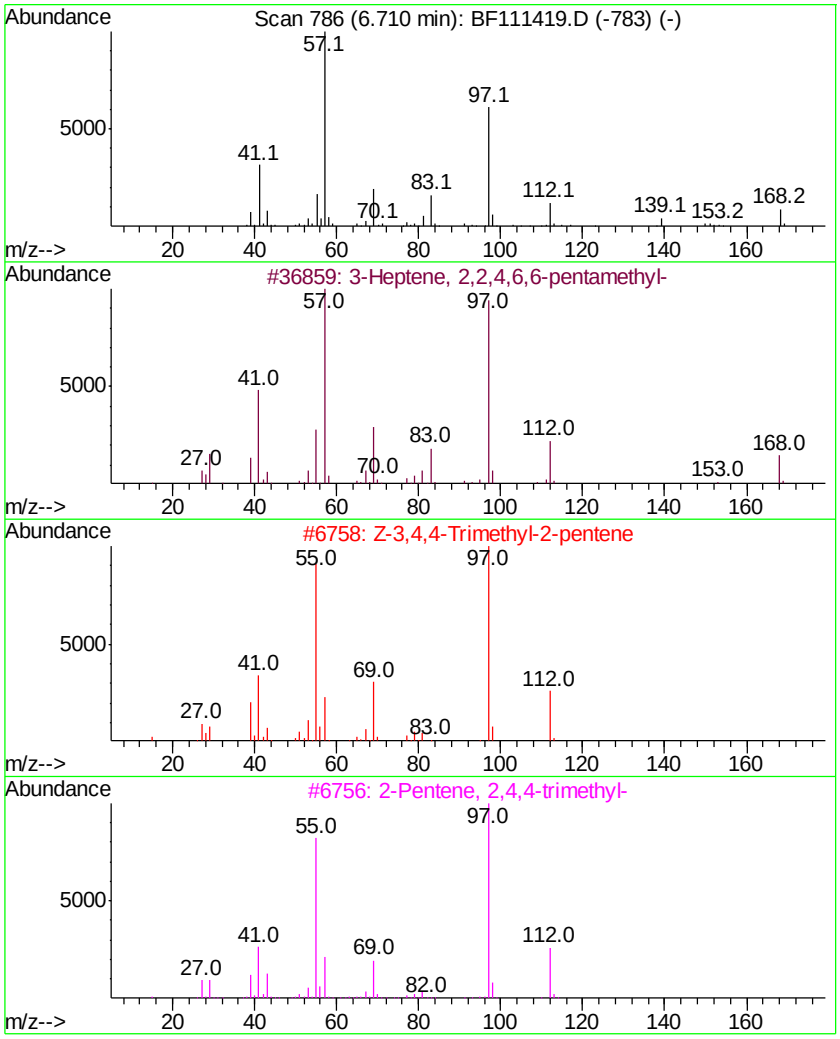
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

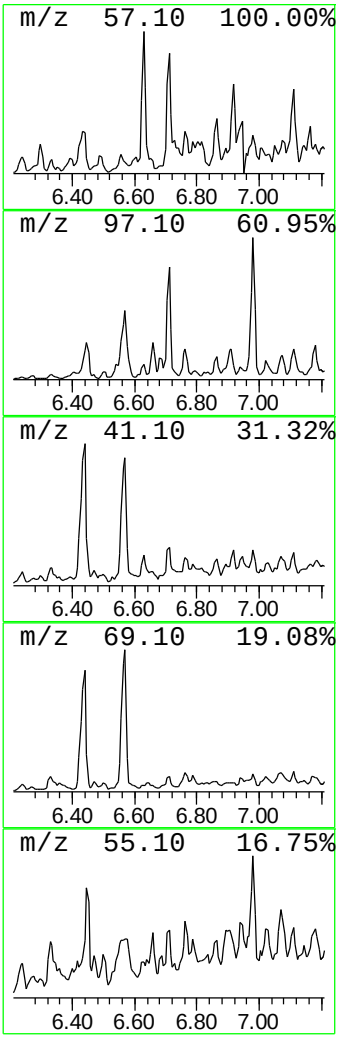
****

Peak Number 5 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	4.94 ng	256220	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	72
2	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	47
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	46
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	43
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43





Library Search Compound Report

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Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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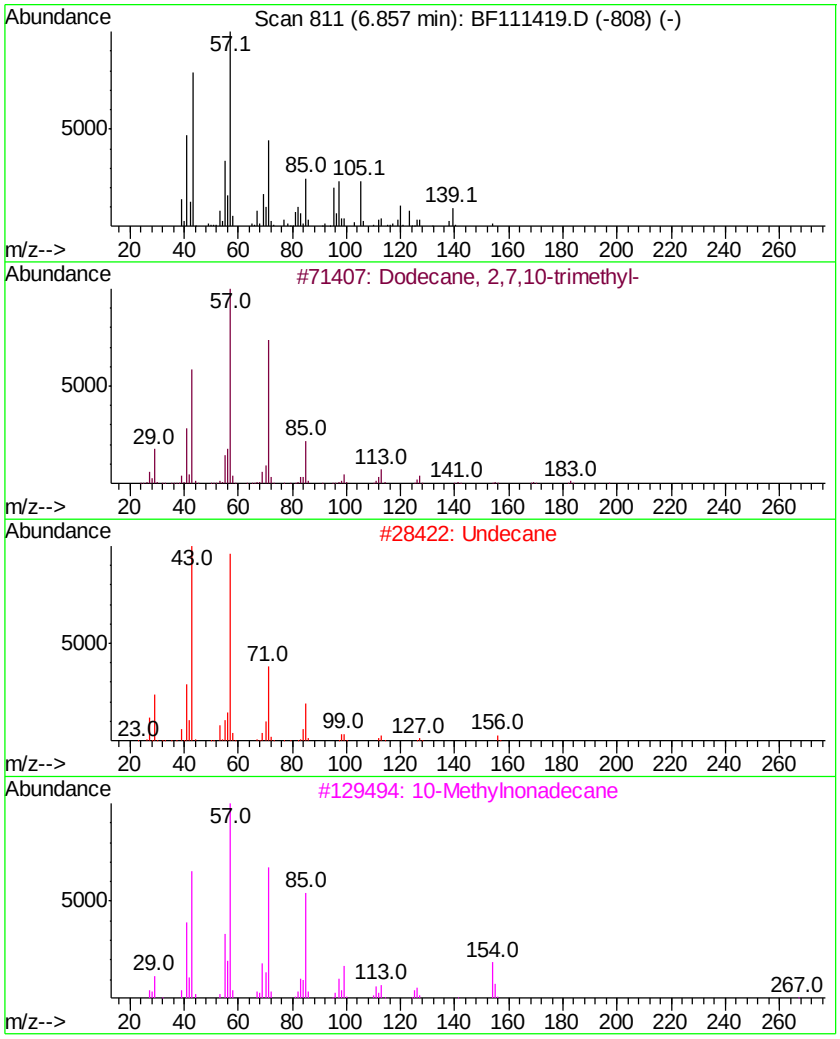
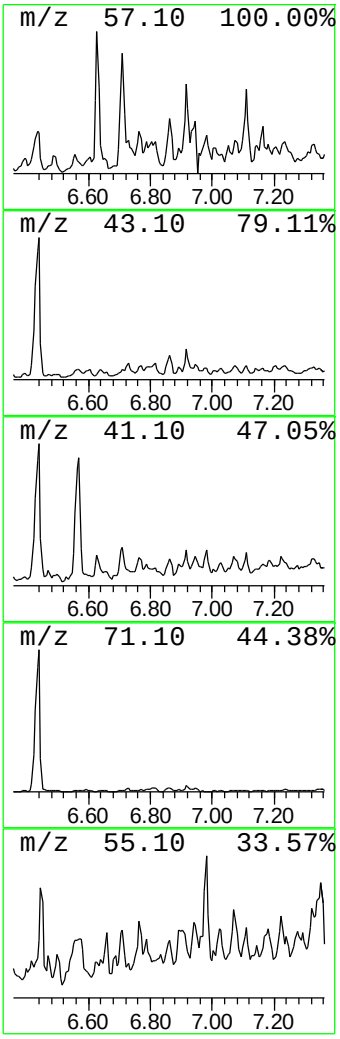
Peak Number 6 unknown6.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.57 ng	185006	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	35
2	Undecane	156	C11H24	001120-21-4	35
3	10-Methylnonadecane	282	C20H42	056862-62-5	35
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	35
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	35





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Instrument : BNA_F
ClientSampleId : 059_BT-3-1

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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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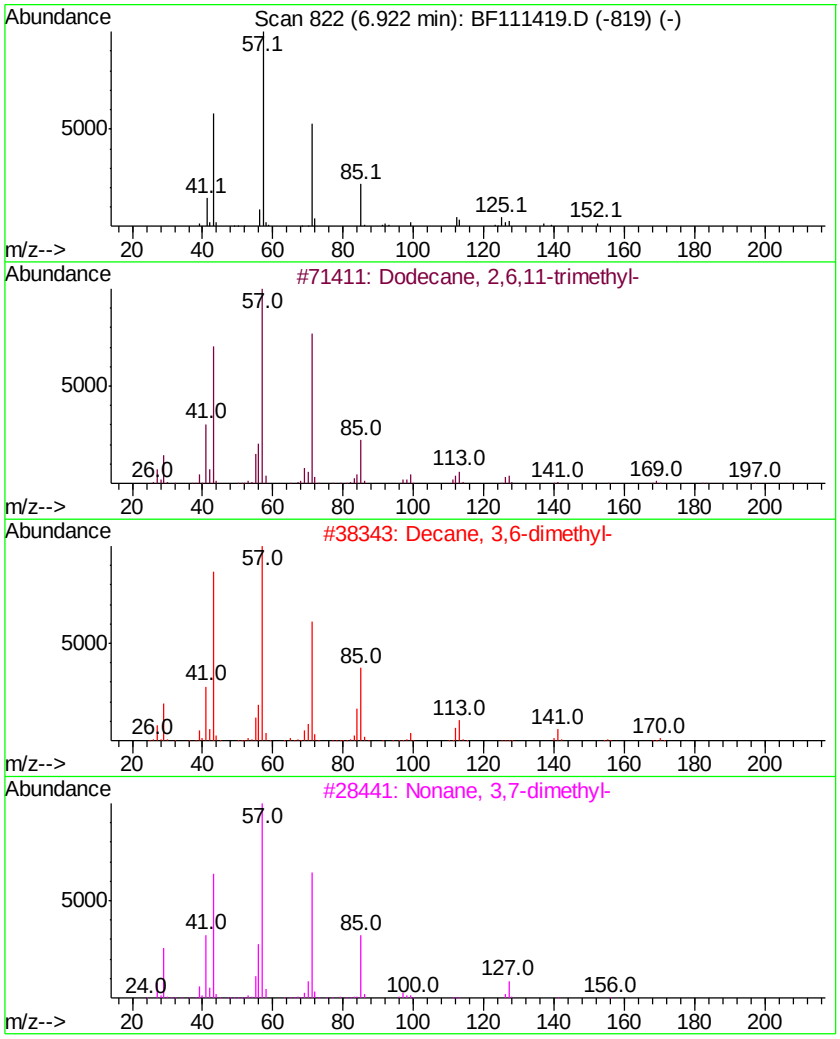
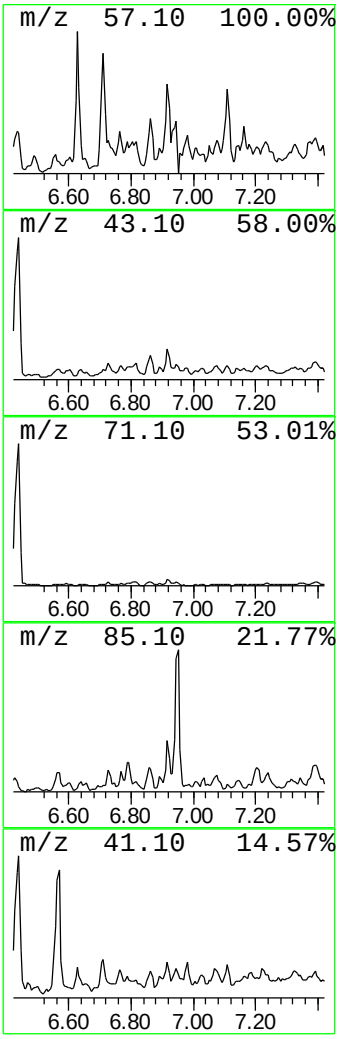
Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	3.99 ng	207257	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64





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ClientSampleId : 059_BT-3-1

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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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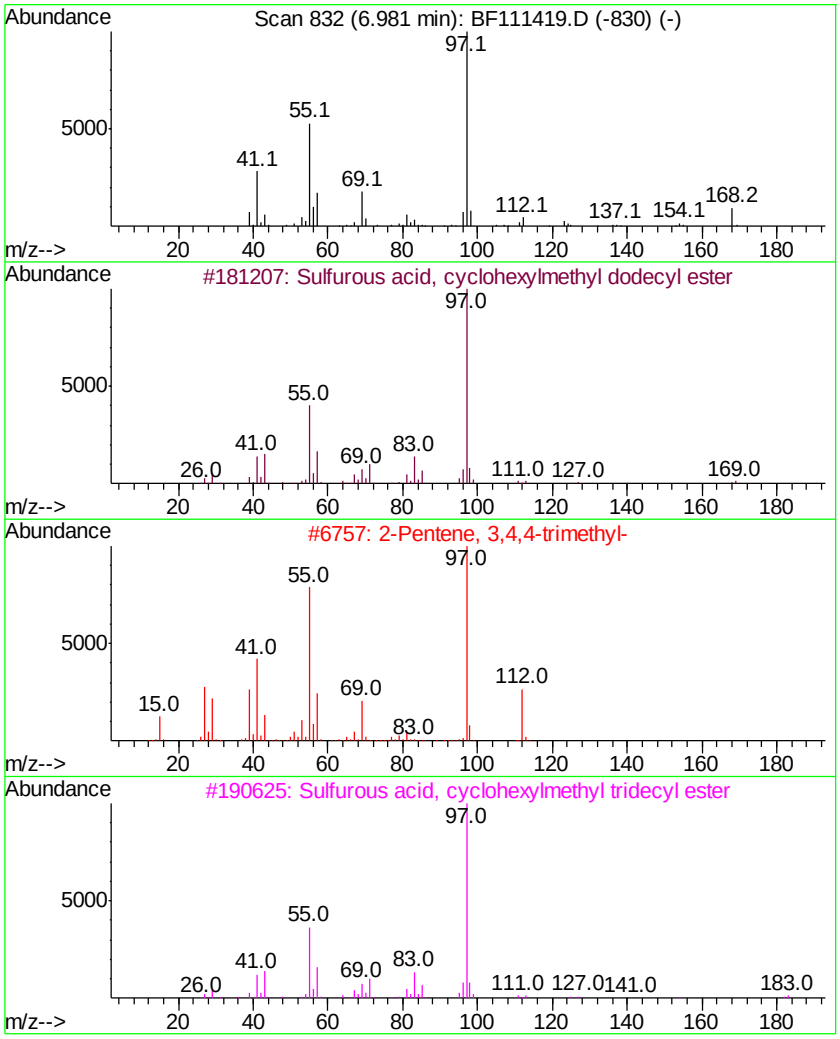
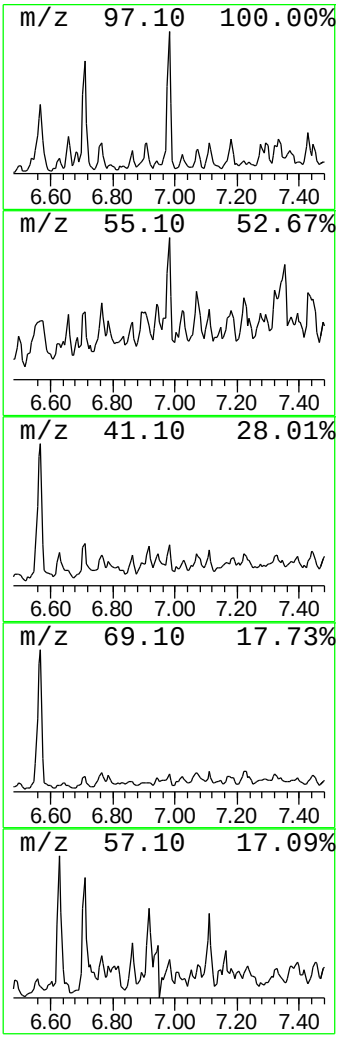
Peak Number 9 Sulfurous acid, cyclohexylm... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	4.72 ng	245105	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
2	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	72
3	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	72
4	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59





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Instrument : BNA_F
ClientSampleId : 059_BT-3-1

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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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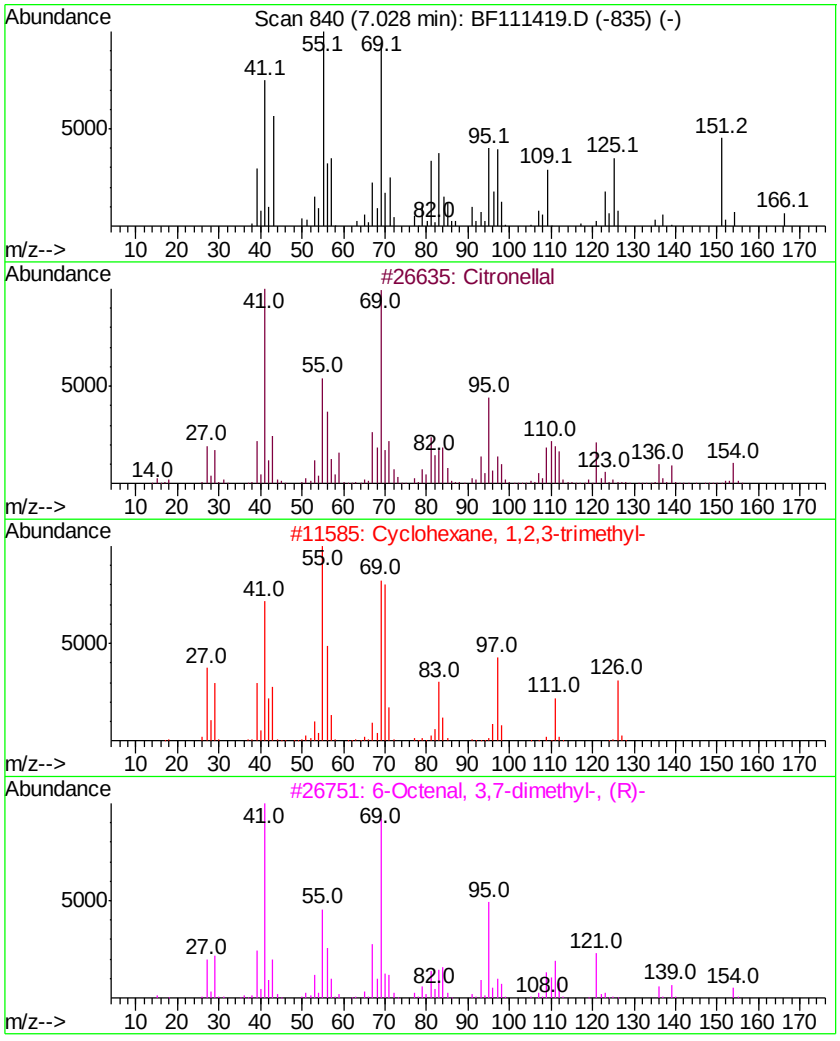
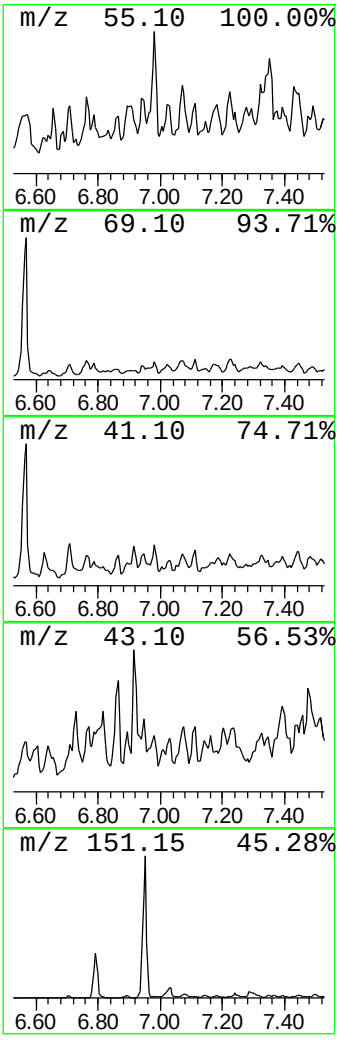
Peak Number 10 unknown7.03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	3.48 ng	180468	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citronellal	154	C10H18O	000106-23-0	43
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
3	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	35
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	35
5	2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	30





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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

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

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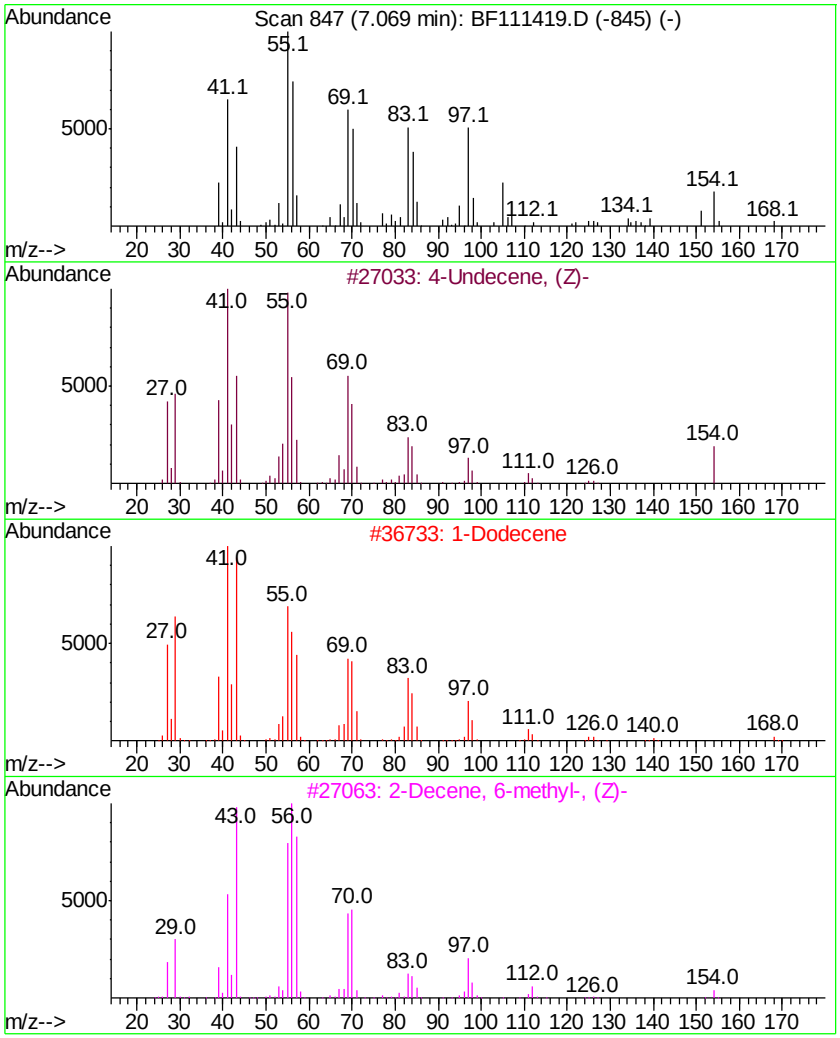
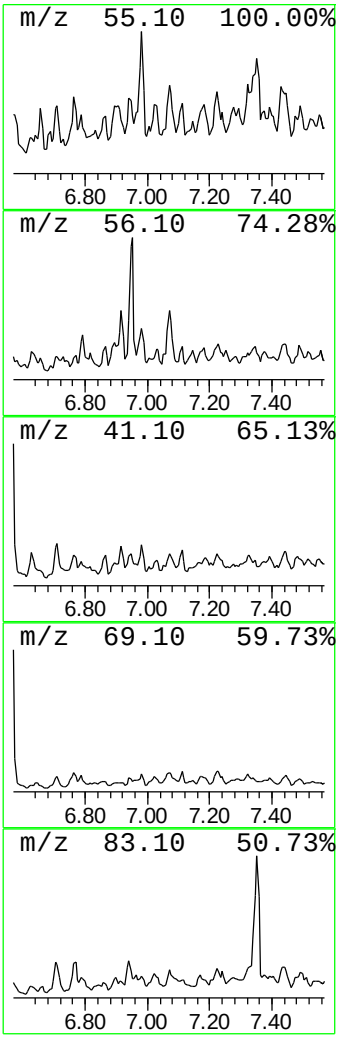
Peak Number 11 4-Undecene, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.07 ng	210995	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, (Z)-	154	C11H22	000821-98-7	81
2	1-Dodecene	168	C12H24	000112-41-4	74
3	2-Decene, 6-methyl-, (Z)-	154	C11H22	074630-31-2	62
4	2-Undecene, (E)-	154	C11H22	000693-61-8	49
5	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	49





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ClientSampleId : 059_BT-3-1

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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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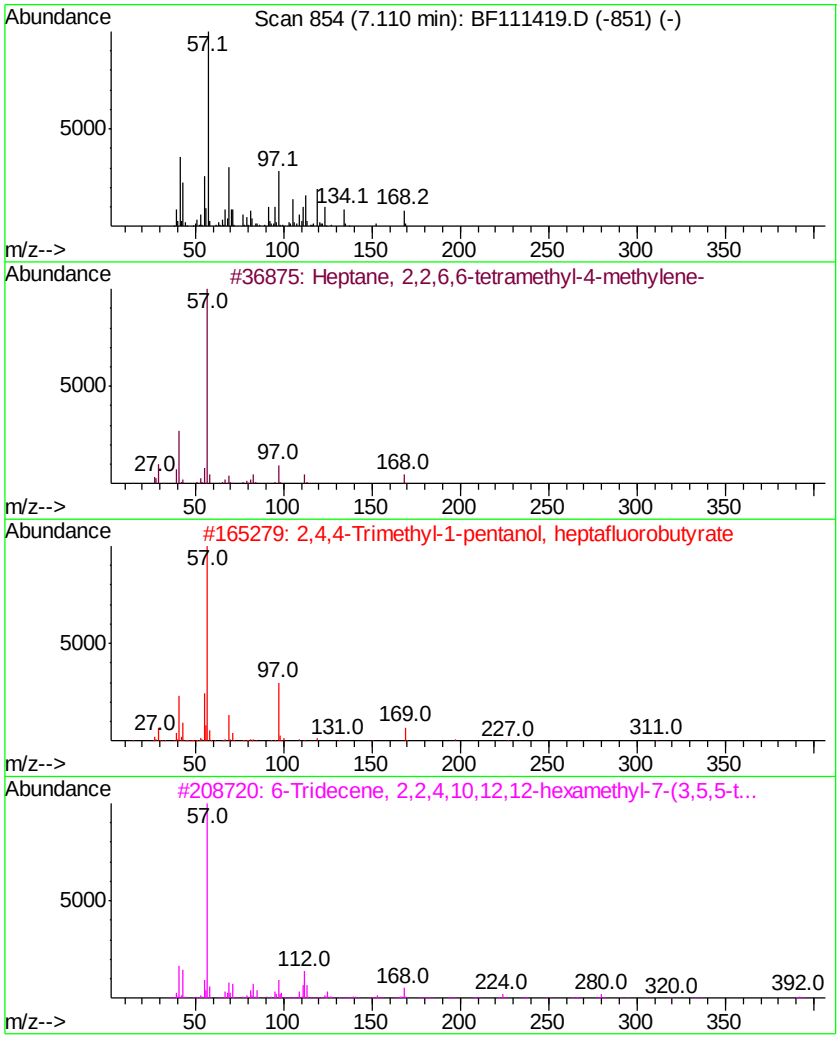
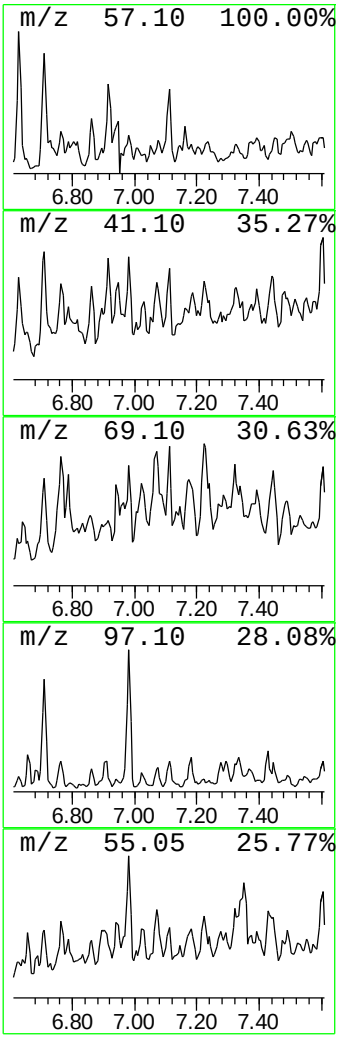
Peak Number 12 unknown7.11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	4.21 ng	218450	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	38
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	27
3	6-Tridecene, 2,2,4,10,12,12-hexa...	392	C28H56	055255-73-7	25
4	2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	23
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	17





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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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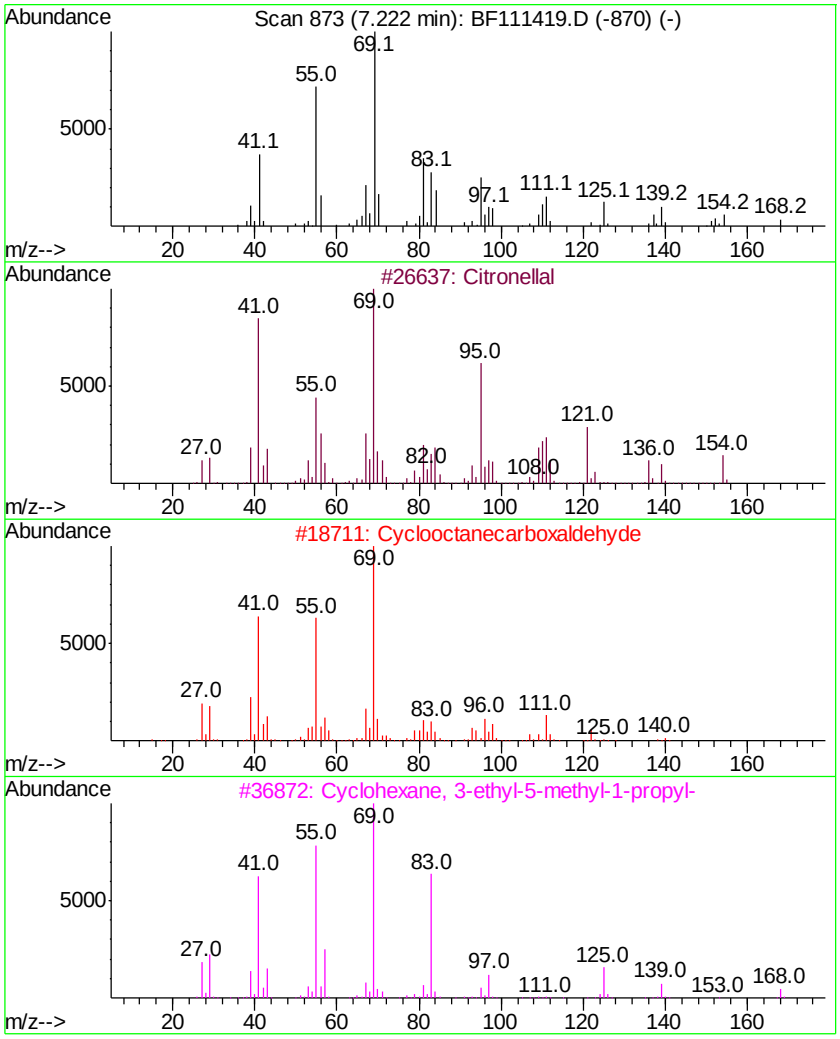
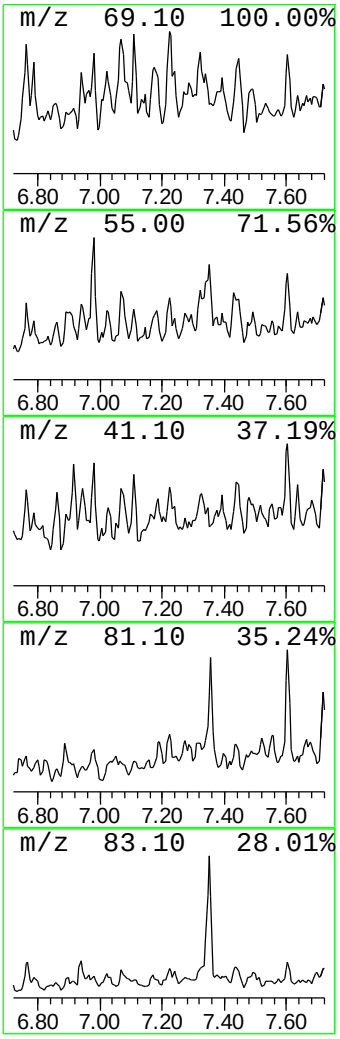
Peak Number 13 Citronellal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	3.76 ng	194946	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citronellal	154	C10H18O	000106-23-0	53
2	Cyclooctanecarboxaldehyde	140	C9H16O	006688-11-5	50
3	Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	49
4	3-Ethyl-2-methyl-1-heptene	140	C10H20	019780-60-0	47
5	4,4-Dimethyl-non-5-enal	168	C11H20O	066821-98-5	46





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

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

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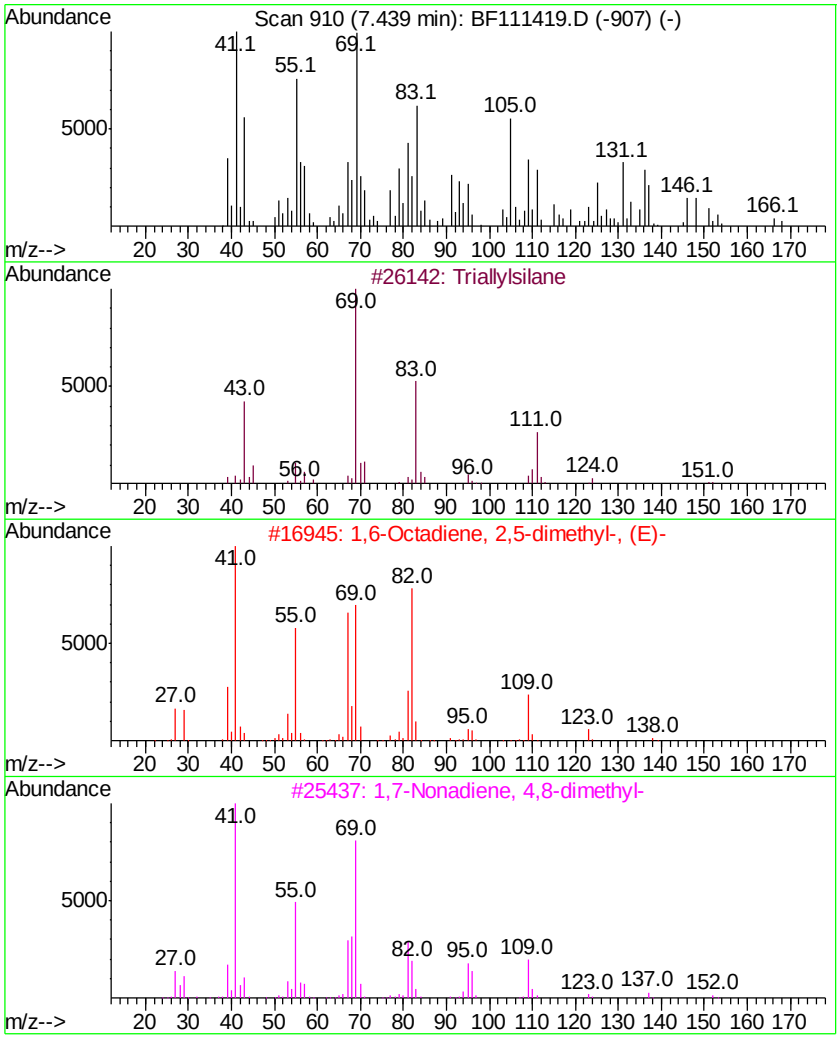
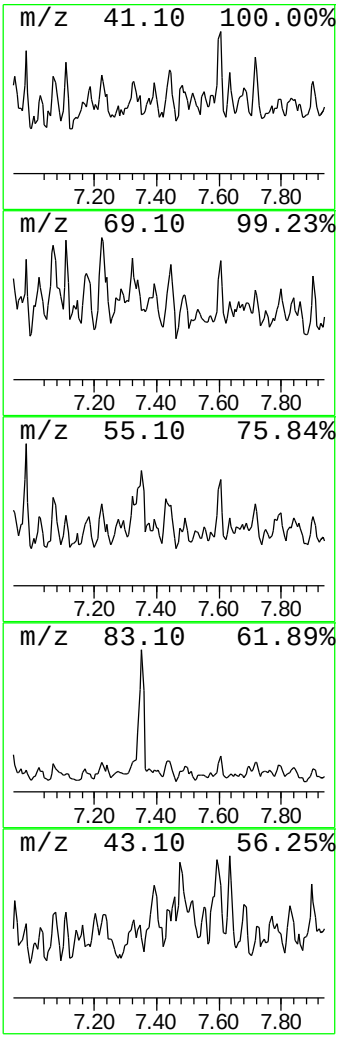
Peak Number 14 unknown7.44 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	3.54 ng	263165	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triallylsilane	152	C9H16Si	001116-62-7	43
2	1,6-Octadiene, 2,5-dimethyl-, (E)-	138	C10H18	068702-25-0	38
3	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	38
4	Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	35
5	4-Nonene, 2,3,3-trimethyl-, (E)-	168	C12H24	063830-67-1	30





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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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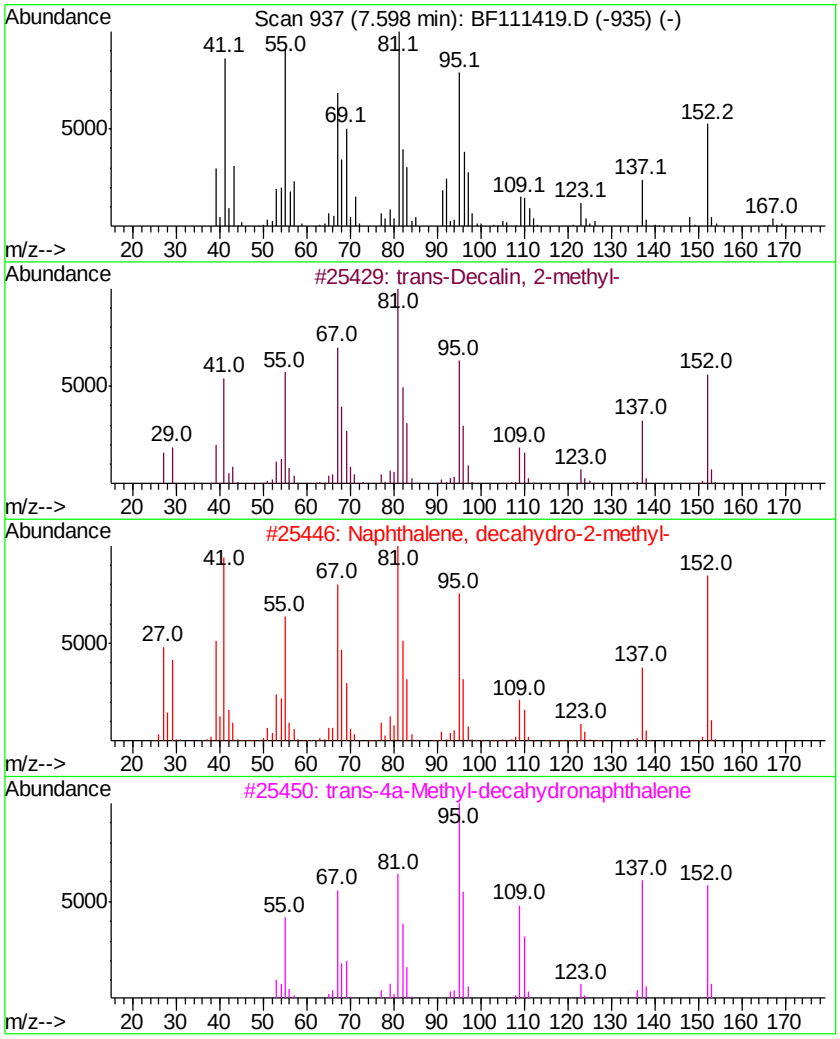
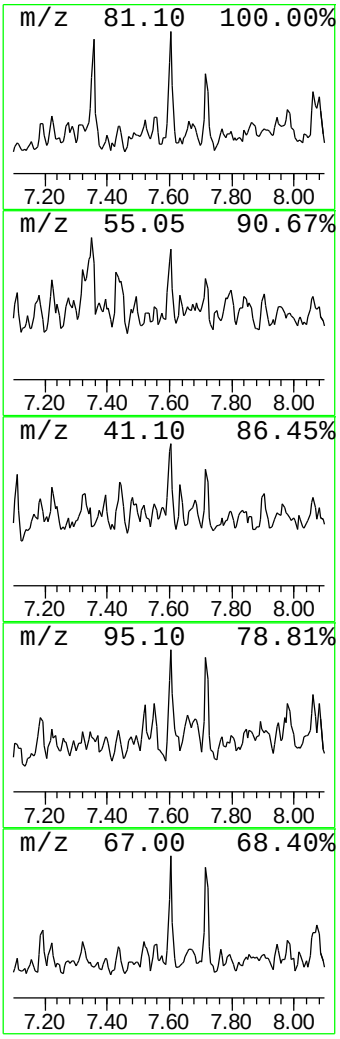
Peak Number 15 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.55 ng	338913	Naphthalene-d8	8.07

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	95
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
4	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60





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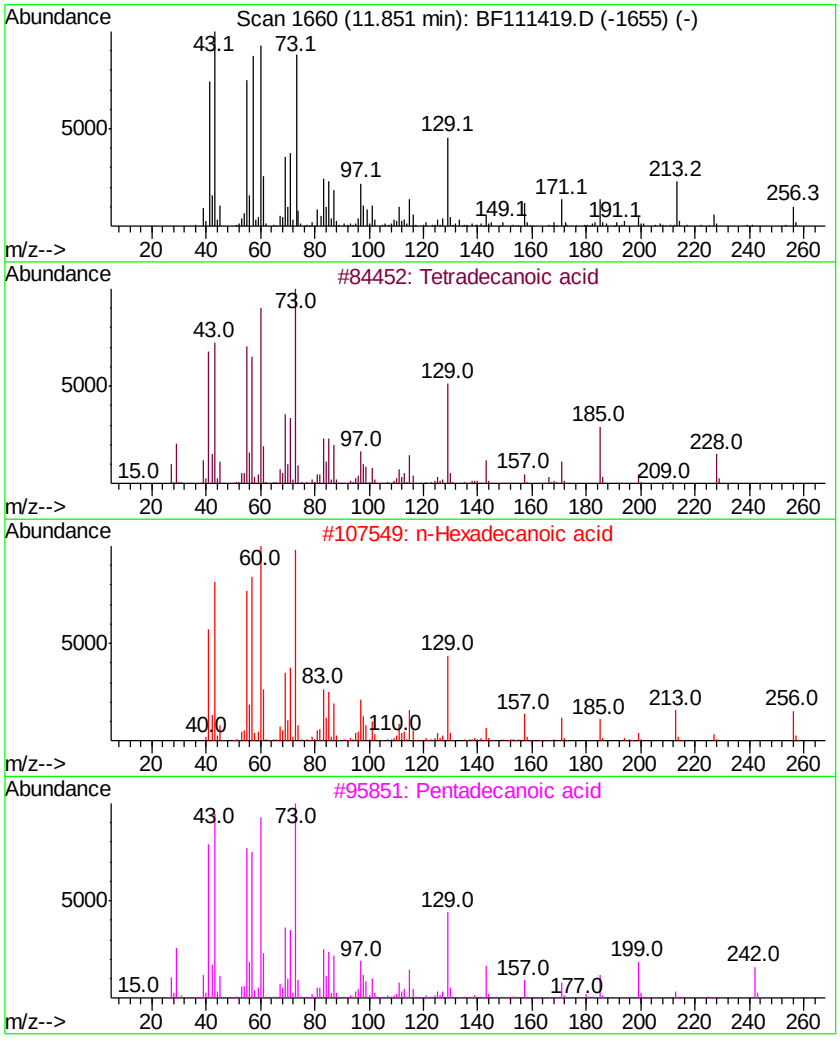
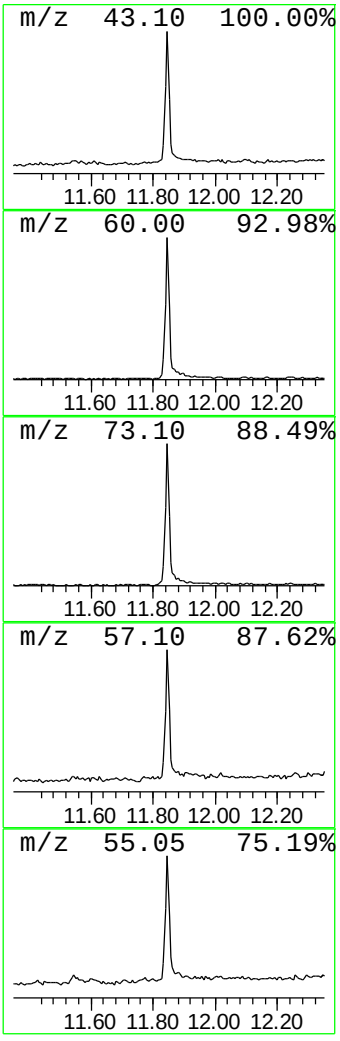
Peak Number 16 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	10.33 ng	788353	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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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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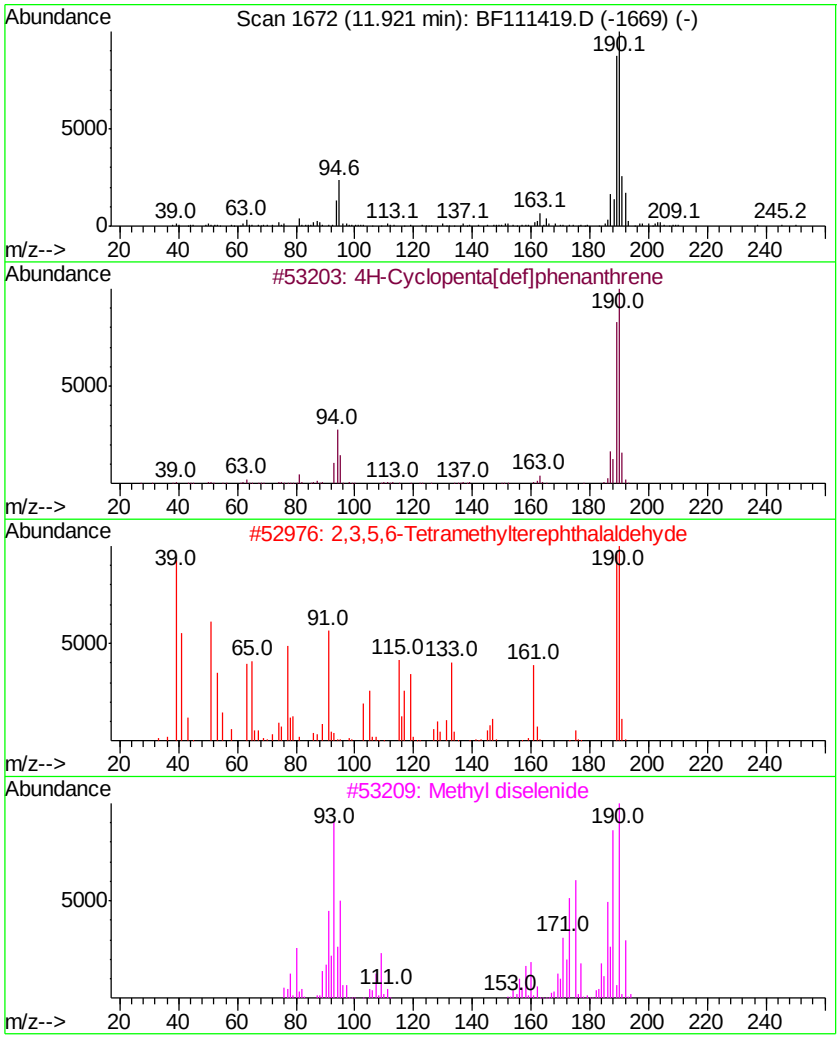
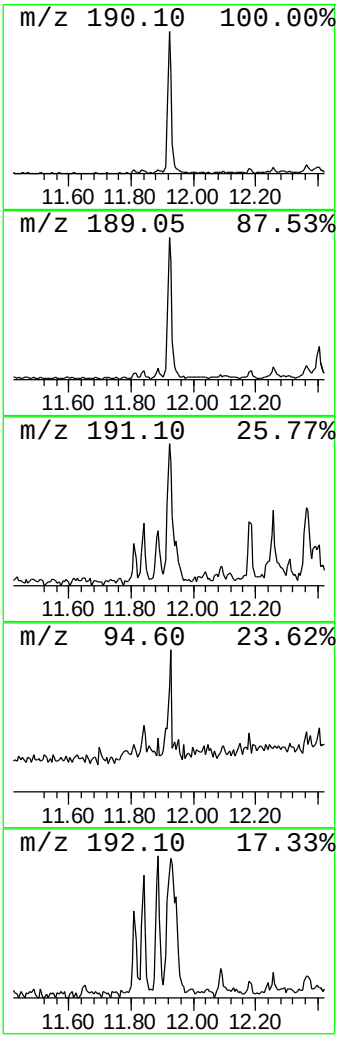
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.47 ng	264656	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	36





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ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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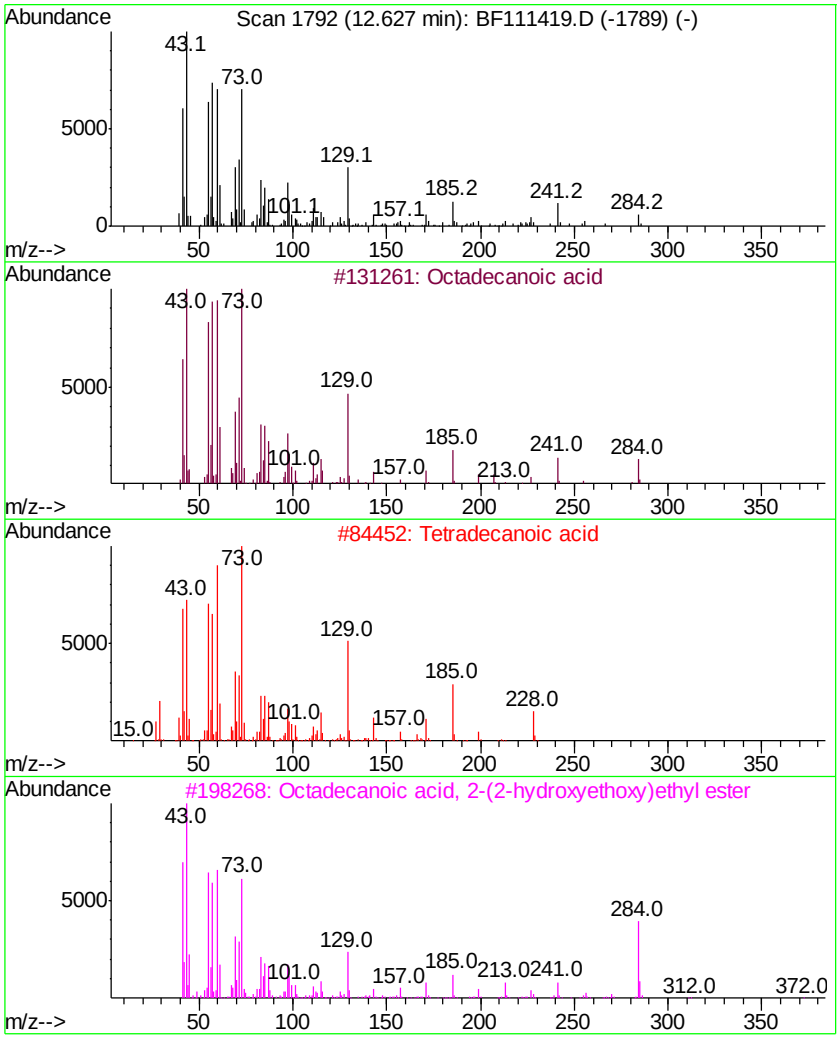
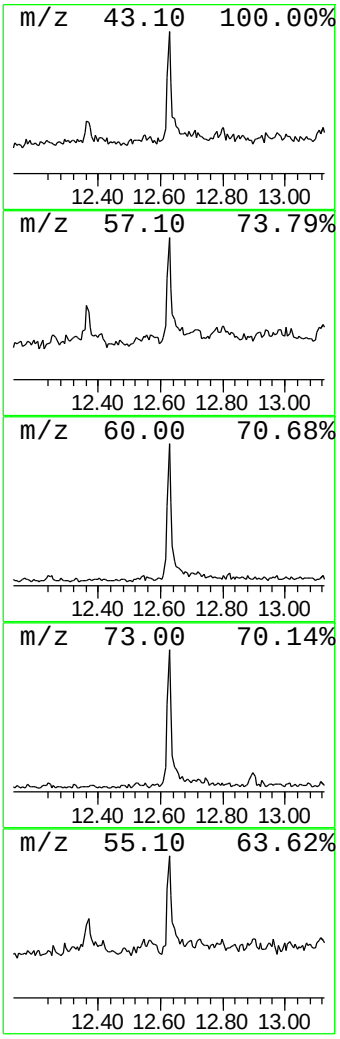
Peak Number 18 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.84 ng	274201	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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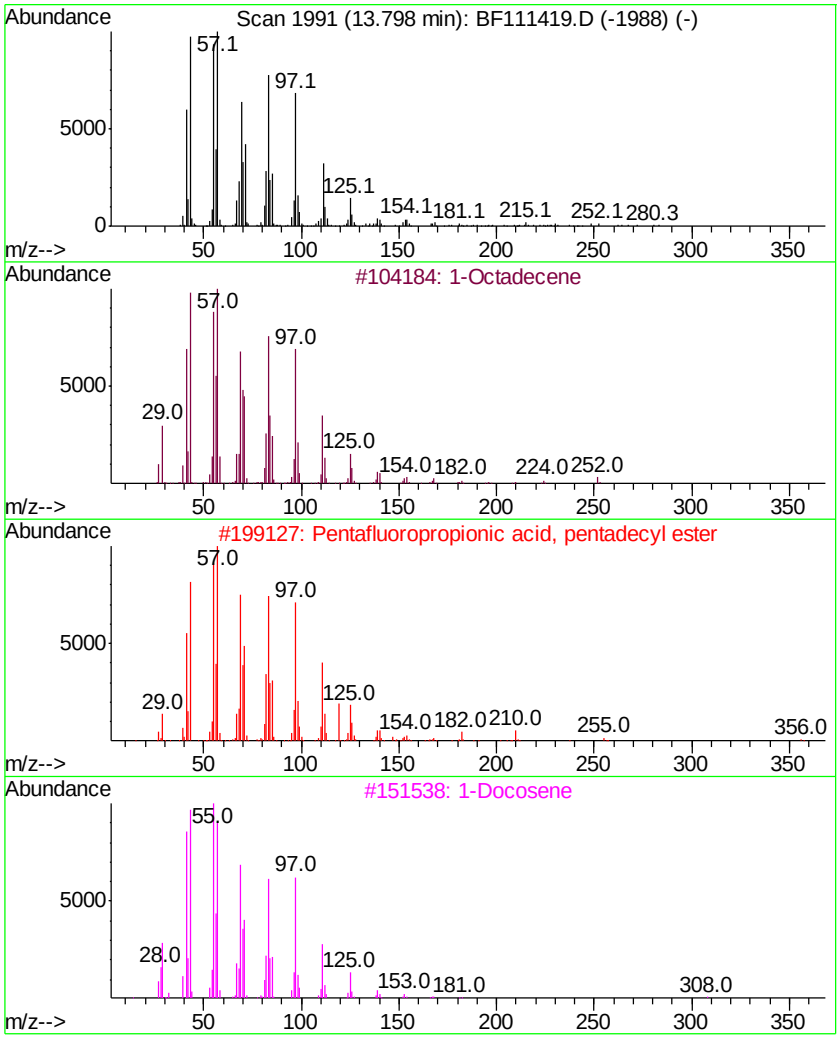
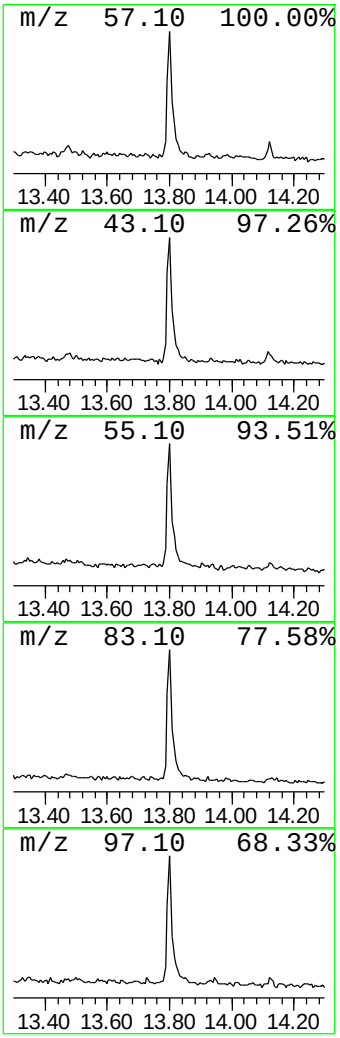
Peak Number 19 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	9.45 ng	674121	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 059_BT-3-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
2-Pentanone, 4-hy...	5.00	6.4	ng	331912	1	6.79	1037850	20.0
unknown5.81	5.81	3.6	ng	189600	1	6.79	1037850	20.0
unknown6.57	6.57	104.3	ng	5413530	1	6.79	1037850	20.0
unknown6.63	6.63	4.6	ng	240550	1	6.79	1037850	20.0
3-Heptene, 2,2,4,...	6.71	4.9	ng	256220	1	6.79	1037850	20.0
unknown6.86	6.86	3.6	ng	185006	1	6.79	1037850	20.0
Dodecane, 2,6,11-...	6.92	4.0	ng	207257	1	6.79	1037850	20.0
Sulfurous acid, c...	6.98	4.7	ng	245105	1	6.79	1037850	20.0
unknown7.03	7.03	3.5	ng	180468	1	6.79	1037850	20.0
4-Undecene, (Z)-	7.07	4.1	ng	210995	1	6.79	1037850	20.0
unknown7.11	7.11	4.2	ng	218450	1	6.79	1037850	20.0
Citronellal	7.22	3.8	ng	194946	1	6.79	1037850	20.0
unknown7.44	7.44	3.5	ng	263165	2	8.07	1488830	20.0
trans-Decalin, 2-...	7.60	4.5	ng	338913	2	8.07	1488830	20.0
Tetradecanoic acid	11.85	10.3	ng	788353	4	11.31	1525880	20.0
4H-Cyclopenta[def...	11.92	3.5	ng	264656	4	11.31	1525880	20.0
Octadecanoic acid	12.63	3.8	ng	274201	5	13.94	1426470	20.0
1-Octadecene	13.80	9.4	ng	674121	5	13.94	1426470	20.0