LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

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:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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	1.736	11	13	42	rVB	678361	1765446	28.91%	1.248%
2	4.536	256	258	260	rBV	45663	65314	1.07%	0.046%
3	4.639	265	267	270	rVB	140190	176303	2.89%	0.125%
4	4.696	270	272	274	rBV	124544	146231	2.39%	0.103%
5	4.936	290	293	295	rBV	133780	209467	3.43%	0.148%
6	5.039	300	302	303	rBV	115350	136930	2.24%	0.097%
7	5.142	309	311	313	rVB	312923	313714	5.14%	0.222%
8	5.187	313	315	317	rBV	827948	994886	16.29%	0.703%
9	5.324	324	327	328	rBV	131329	188008	3.08%	0.133%
10	5.370	328	331	332	rVB	171910	223510	3.66%	0.158%
11	5.404	332	334	339	rVB2	131936	260348	4.26%	0.184%
12	5.484	339	341	343	rBV	85337	91299	1.49%	0.065%
13	5.587	345	350	352	rBV3	282230	407787	6.68%	0.288%
14	5.656	352	356	360	rBV3	139999	412150	6.75%	0.291%
15	5.725	360	362	365	rVB3	401231	716666	11.73%	0.507%
16	5.793	365	368	370	rBV2	209960	321901	5.27%	0.228%
17	5.839	370	372	375	rBV2	996355	1603436	26.25%	1.134%
18	5.896	375	377	381	rBV	541521	878722	14.39%	0.621%
19	6.045	386	390	392	rBV4	583740	1142609	18.71%	0.808%
20	6.113	392	396	398	rBV3	977955	1589330	26.02%	1.124%
21	6.159	398	400	402	rVB	519216	771662	12.63%	0.546%
22	6.205	402	404	406	rBV	348623	550490	9.01%	0.389%
23	6.262	406	409	411	rBV2	1093184	1577155	25.82%	1.115%
24	6.296	411	412	414	rVB	273751	284030	4.65%	0.201%
25	6.376	414	419	422	rBV2	1410187	3319751	54.35%	2.347%
26	6.433	422	424	430	rVB	1715682	2883774	47.22%	2.039%
27	6.559	432	435	437	rBV3	482902	1163005	19.04%	0.822%
28	6.605	437	439	440	rBV2	337329	511912	8.38%	0.362%
29	6.650	440	443	444	rBV	1015081	1329737	21.77%	0.940%
30	6.765	449	453	458	rVB4	1953930	4944894	80.96%	3.496%
31	6.879	458	463	464	rBV4	880973	2264903	37.08%	1.601%
32	6.947	467	469	470	rBV	616083	841635	13.78%	0.595%
33	7.005	473	474	479	rVB3	909253	1899345	31.10%	1.343%
34	7.119	479	484	485	rBV	1200163	2595061	42.49%	1.835%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

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:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.165	485	488	491	rBV3	1476241	2831289	46.36%	2.002%
36	7.279	495	498	500	rVB2	792055	1427845	23.38%	1.009%
37	7.348	500	504	506	rBV3	1027187	2705656	44.30%	1.913%
38	7.428	509	511	514	rVB	2414231	4275705	70.01%	3.023%
39	7.496	514	517	518	rBV3	501357	911576	14.93%	0.644%
40	7.542	518	521	525	rBV4	1845145	4763196	77.99%	3.368%
41	7.622	525	528	529	rBV	570527	1025362	16.79%	0.725%
42	7.656	529	531	533	rVV2	1465419	2562137	41.95%	1.811%
43	7.736	536	538	541	rVB2	1151902	2276280	37.27%	1.609%
44	7.793	541	543	544	rBV	608697	934521	15.30%	0.661%
45	7.908	547	553	555	rBV4	2067707	5484713	89.80%	3.878%
46	7.953	555	557	559	rVV3	1007319	2143595	35.10%	1.515%
47	8.010	559	562	565	rVV2	2400864	3941180	64.53%	2.786%
48	8.102	567	570	571	rBV3	541626	1110197	18.18%	0.785%
49	8.216	575	580	582	rBV5	1596415	4188180	68.57%	2.961%
50	8.376	590	594	598	rBV	2942804	5413616	88.64%	3.827%
51	8.468	600	602	606	rBV4	616443	1297103	21.24%	0.917%
52	8.536	606	608	610	rVV2	950140	1785049	29.23%	1.262%
53	8.628	614	616	619	rVB2	2247435	3982515	65.20%	2.816%
54	8.742	623	626	629	rVB2	1668102	3326912	54.47%	2.352%
55	8.833	632	634	636	rVB2	944766	1519106	24.87%	1.074%
56	8.971	642	646	649	rVB3	2710165	6107687	100.00%	4.318%
57	9.085	653	656	657	rBV2	870404	1775780	29.07%	1.255%
58	9.142	660	661	663	rVB2	575273	500866	8.20%	0.354%
59	9.268	669	672	674	rBV2	1624331	3223478	52.78%	2.279%
60	9.336	674	678	679	rBV2	1593815	3181474	52.09%	2.249%
61	9.416	684	685	687	rVB	1708083	1500455	24.57%	1.061%
62	9.531	693	695	698	rVB3	647433	851100	13.93%	0.602%
63	9.576	698	699	701	rVB2	1301091	1639495	26.84%	1.159%
64	9.611	701	702	704	rBV	515267	716871	11.74%	0.507%
65	9.656	704	706	708	rBV3	1009755	1841948	30.16%	1.302%
66	9.771	714	716	718	rVB	947131	1554213	25.45%	1.099%
67	9.873	722	725	726	rVV2	1424588	2246505	36.78%	1.588%
68	9.908	726	728	729	rVV	974179	981631	16.07%	0.694%
69	9.976	733	734	736	rBV	818942	1342542	21.98%	0.949%
70	10.068	740	742	745	rVB2	887668	1533566	25.11%	1.084%
71	10.194	752	753	754	rBV	728533	722854	11.84%	0.511%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

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:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.228	754	756	757	rVV2	567379	857652	14.04%	0.606%
73	10.262	757	759	760	rVV	537581	592871	9.71%	0.419%
74	10.319	762	764	766	rVV	1928373	2345805	38.41%	1.658%
75	10.354	766	767	770	rVB2	515728	718108	11.76%	0.508%
76	10.434	772	774	776	rVB3	570303	983660	16.11%	0.695%
77	10.582	784	787	790	rBV2	2060071	3119640	51.08%	2.206%
78	10.628	790	791	796	rVB3	323365	626755	10.26%	0.443%
79	10.765	801	803	807	rVB4	530409	872946	14.29%	0.617%
80	11.039	823	827	830	rVB2	1643838	2246070	36.77%	1.588%
81	11.119	832	834	835	rVV	334236	363691	5.95%	0.257%
82	11.142	835	836	842	rVB	499678	598029	9.79%	0.423%
83	11.234	842	844	845	rBV	128054	173411	2.84%	0.123%
84	11.382	855	857	860	rVB	350924	426740	6.99%	0.302%
85	11.439	860	862	863	rBV2	208474	217573	3.56%	0.154%
86	11.531	868	870	872	rVB3	143645	226442	3.71%	0.160%
87	11.577	872	874	875	rBV	91155	83803	1.37%	0.059%
88	11.611	875	877	878	rBV2	227638	269271	4.41%	0.190%
89	11.714	885	886	887	rBV	125312	145813	2.39%	0.103%
90	11.839	895	897	900	rVB2	114244	154023	2.52%	0.109%
91	12.159	923	925	931	rVB3	179279	384203	6.29%	0.272%
92	12.319	937	939	941	rBV3	62932	80533	1.32%	0.057%
93	12.685	969	971	974	rVB	1094443	1109929	18.17%	0.785%
94	12.971	994	996	1001	rVB4	41842	103239	1.69%	0.073%
95	13.725	1059	1062	1064	rBV	207352	285753	4.68%	0.202%
96	15.063	1177	1179	1182	rBV	214823	251324	4.11%	0.178%

Sum of corrected areas: 141444893

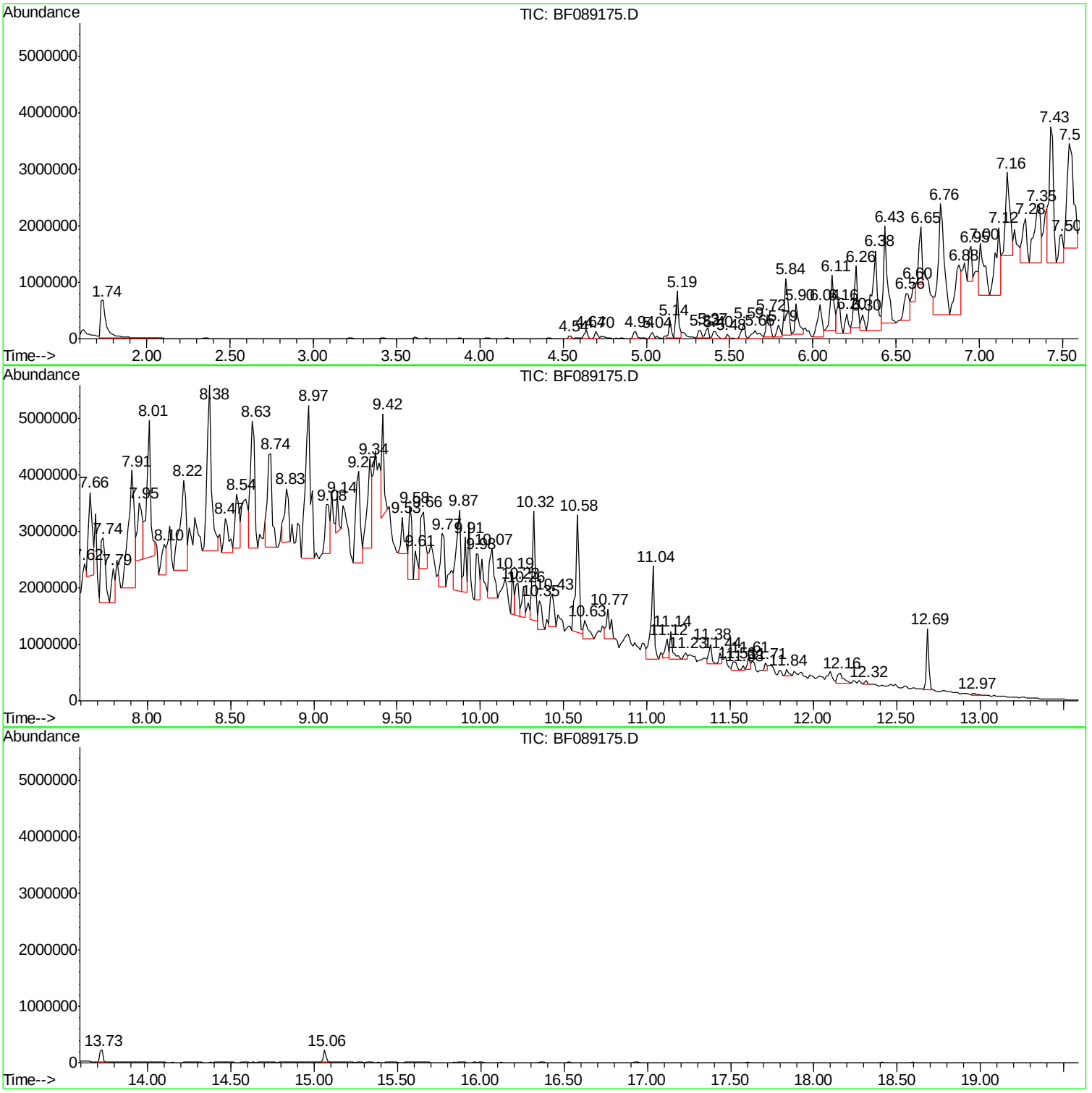
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

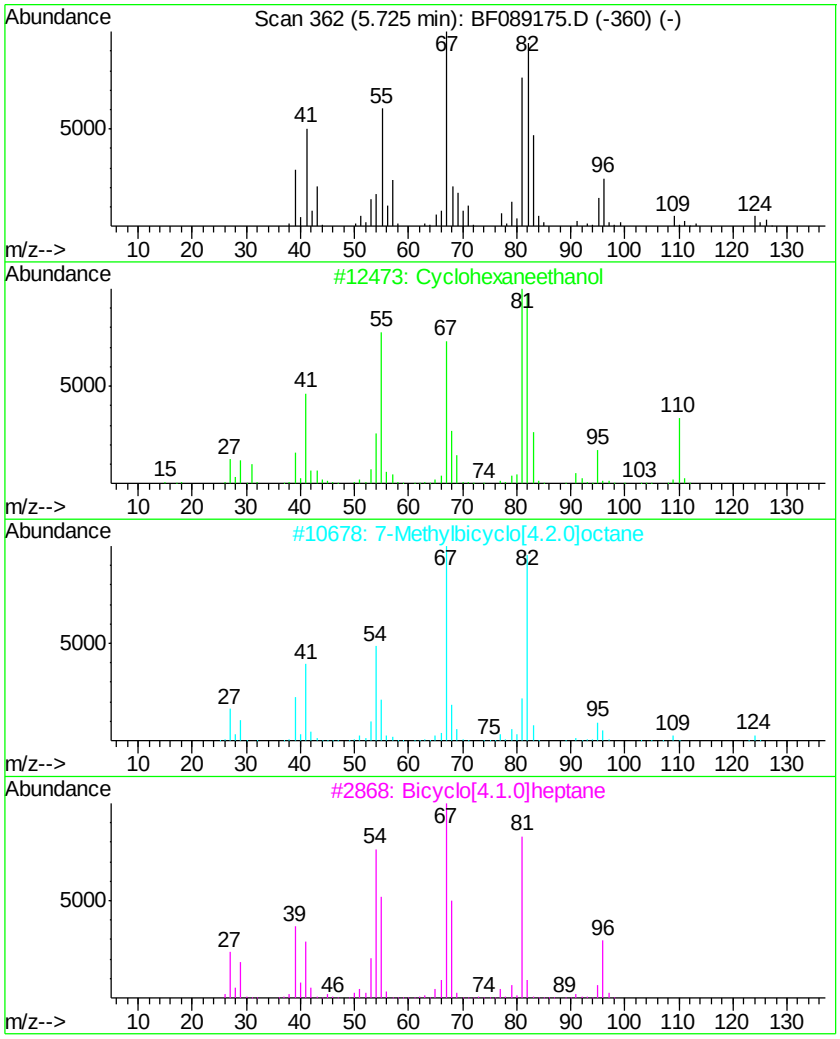
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

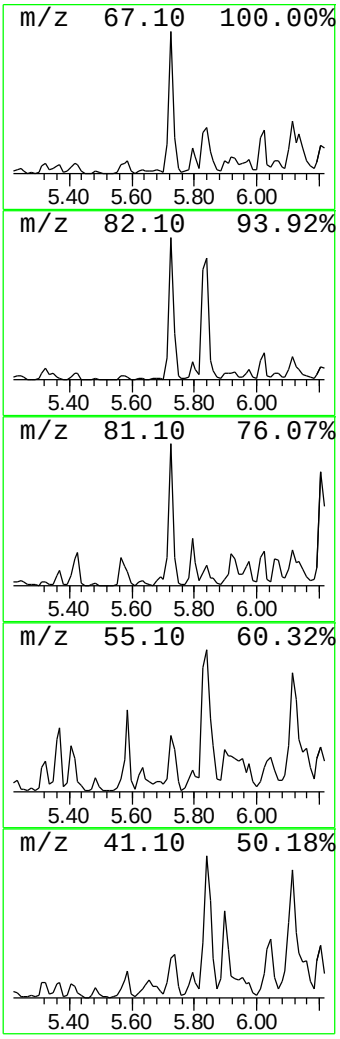
****

Peak Number 2 Cyclohexaneethanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	28.00 ng	716666	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneethanol	128	C8H16O	004442-79-9	53
2	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	49
3	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	46
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	43
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

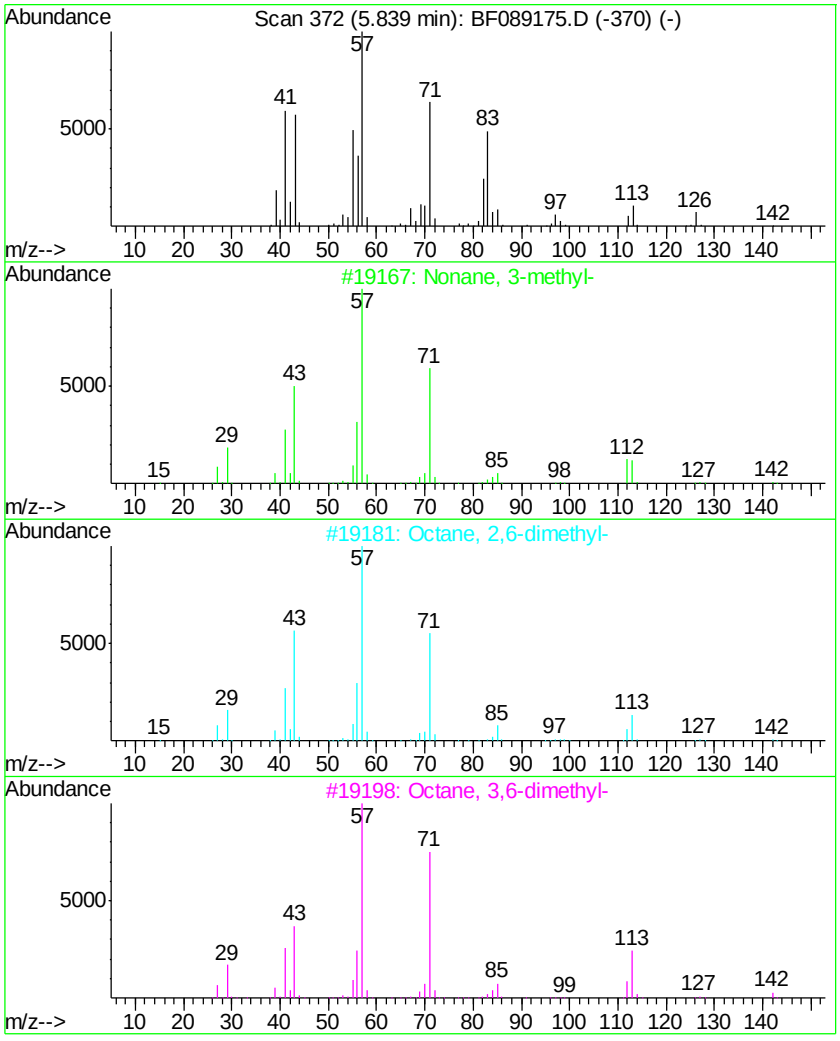
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

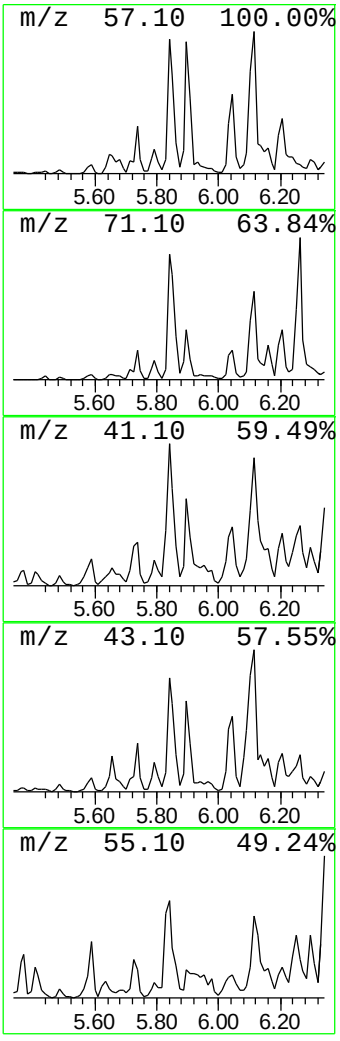
****

Peak Number 3 unknown5.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	62.65 ng	1603440	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	38
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

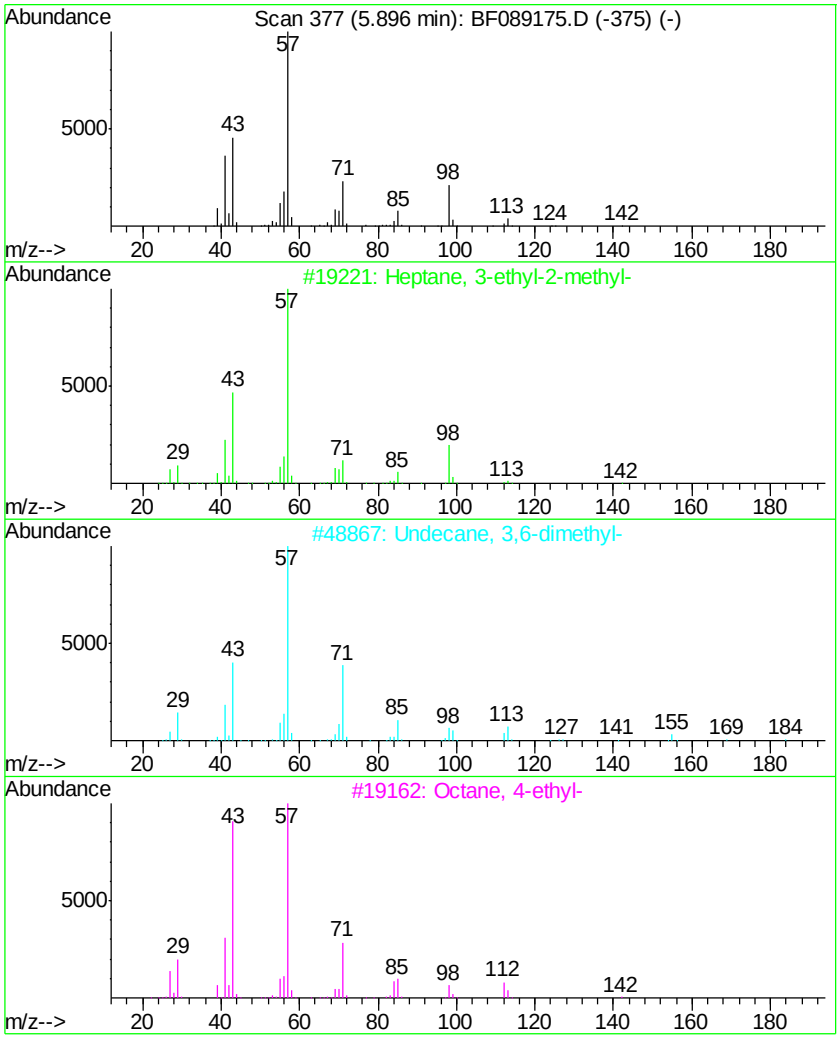
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

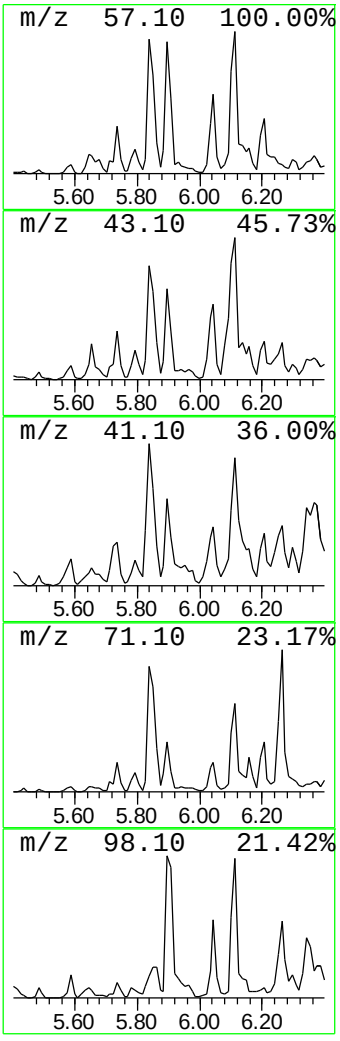
****

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	34.33 ng	878722	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

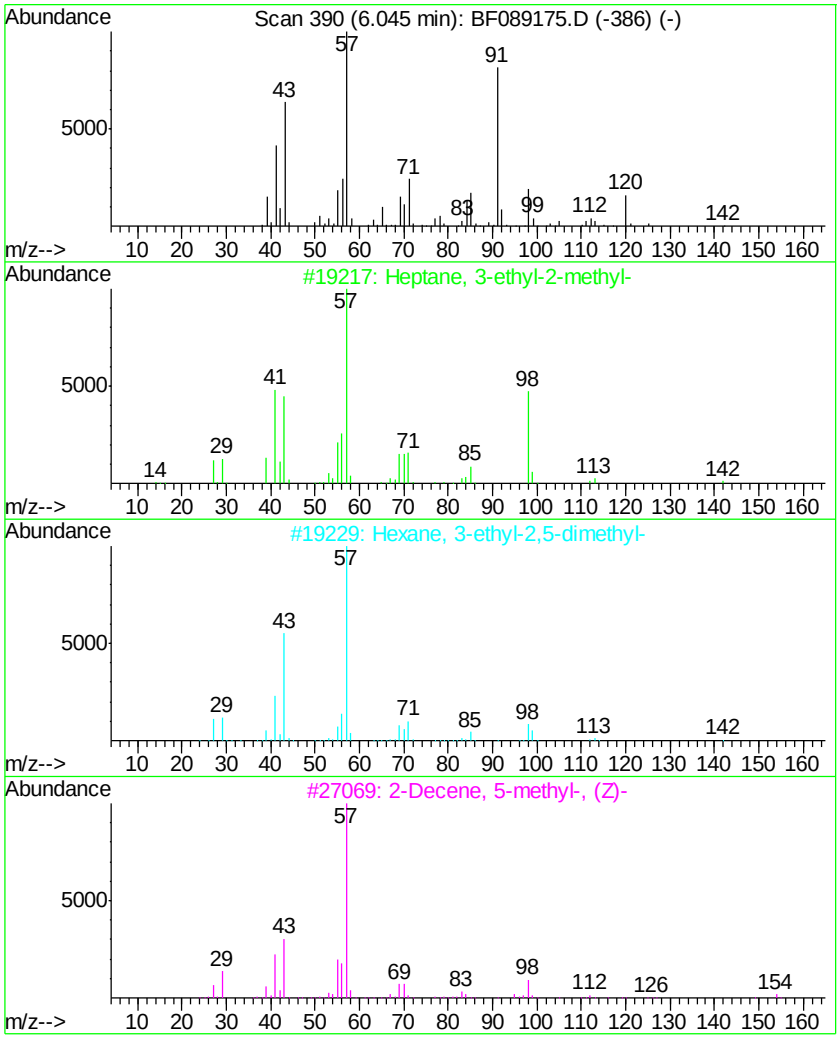
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

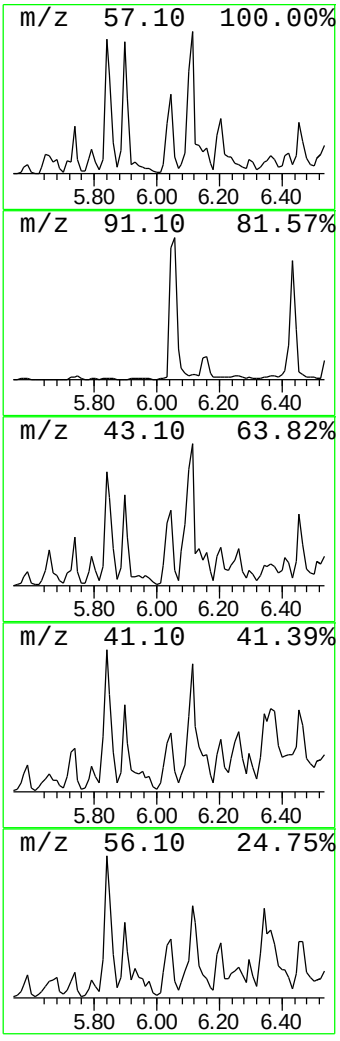
****

Peak Number 5 unknown6.04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	44.64 ng	1142610	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43
3	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	38
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
5	Decane	142	C10H22	000124-18-5	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

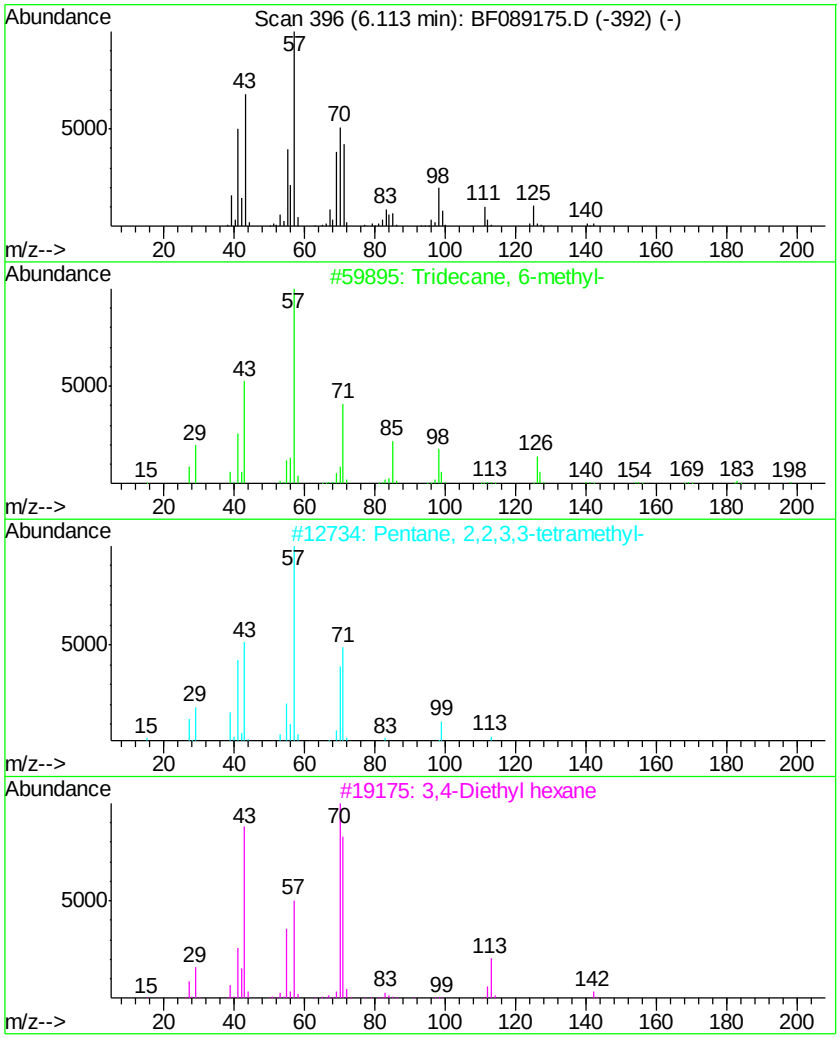
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

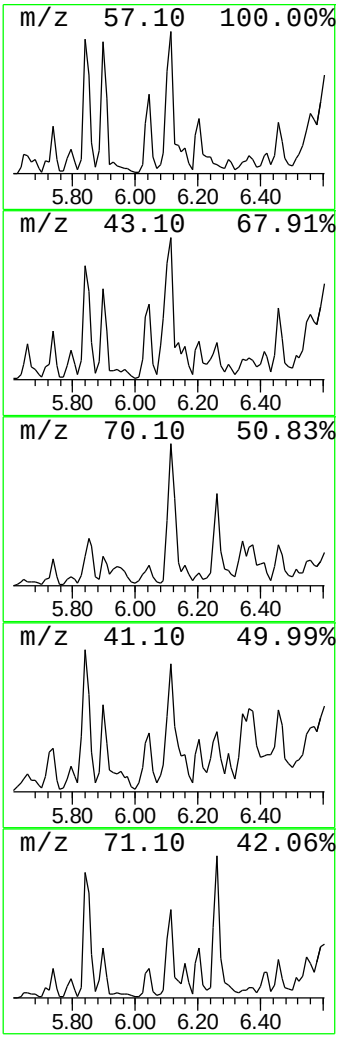
****

Peak Number 6 unknown6.11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	62.09 ng	1589330	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
3	3,4-Diethyl hexane	142	C10H22	019398-77-7	43
4	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	43
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

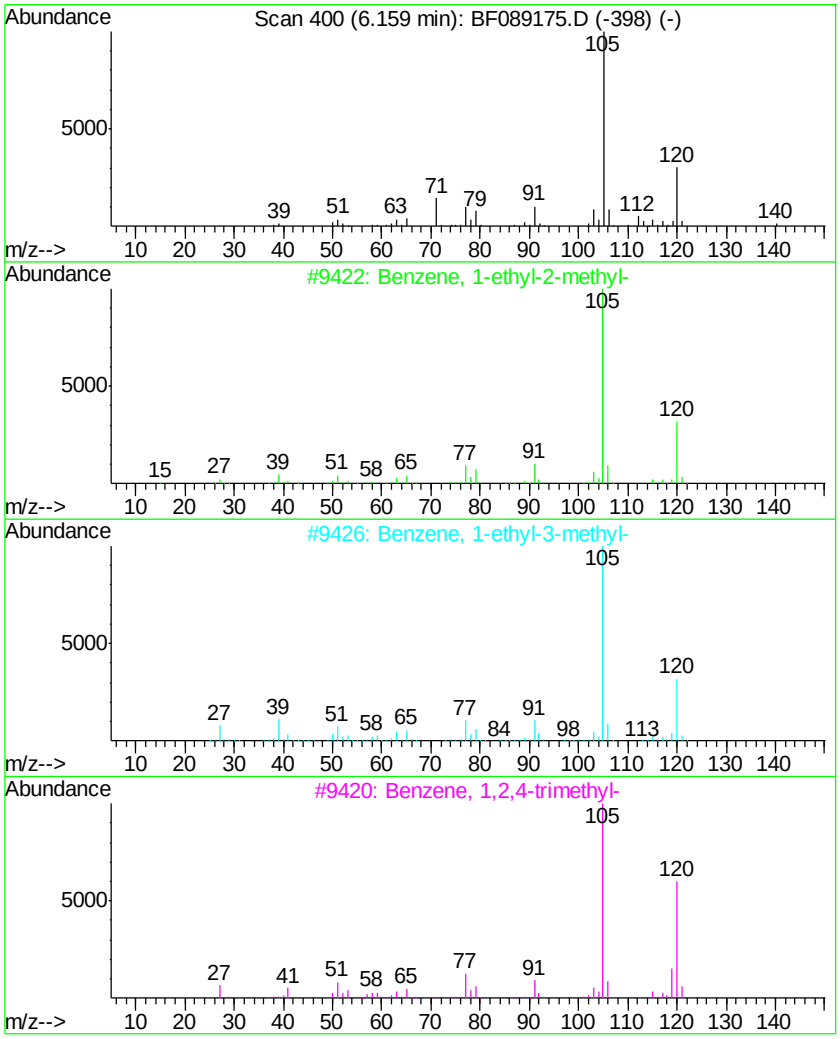
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

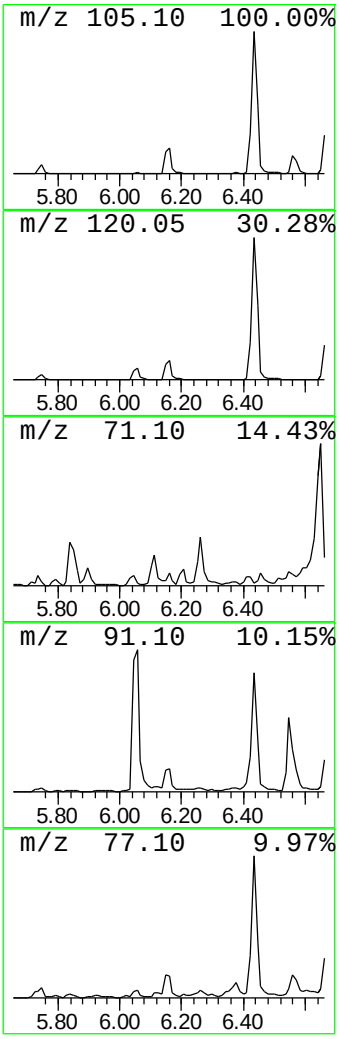
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	30.15 ng	771662	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5	Mesitylene	120	C9H12	000108-67-8	81





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Operator : UM/SJ
Sample : H4112-08
Misc :
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ClientSampleId : KMW-01-5.0-7.0

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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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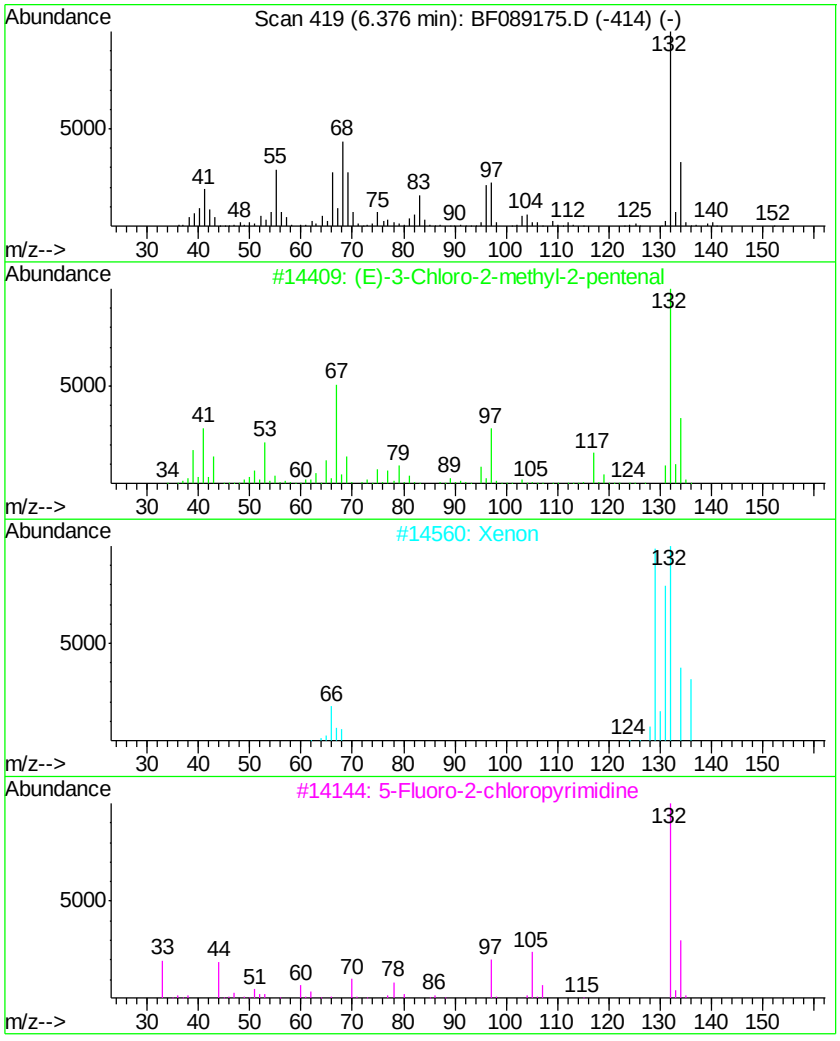
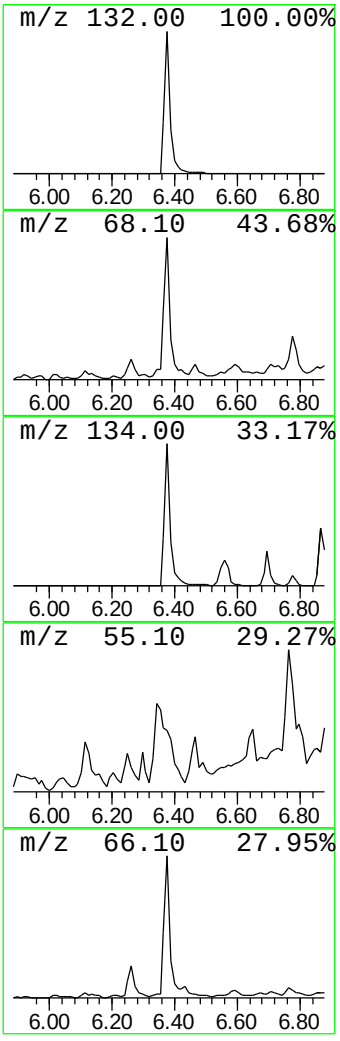
Peak Number 8 unknown6.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	129.70 ng	3319750	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	Xenon	132	Xe	007440-63-3	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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ClientSampleId : KMW-01-5.0-7.0

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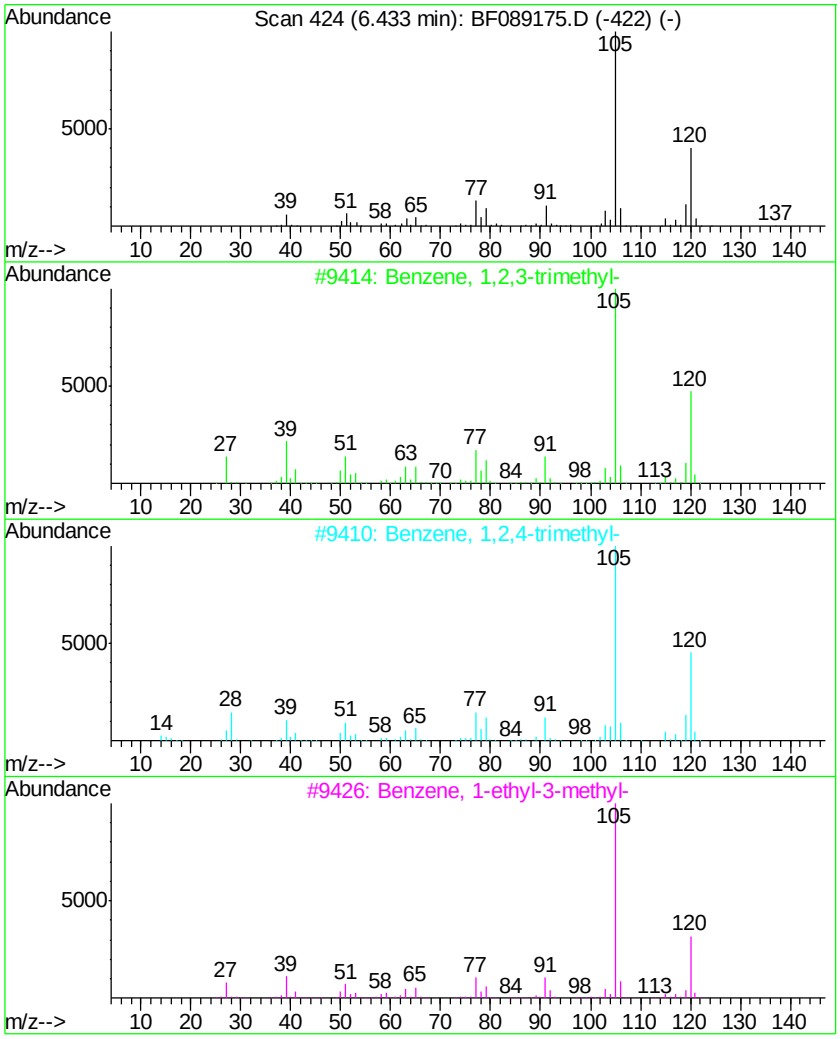
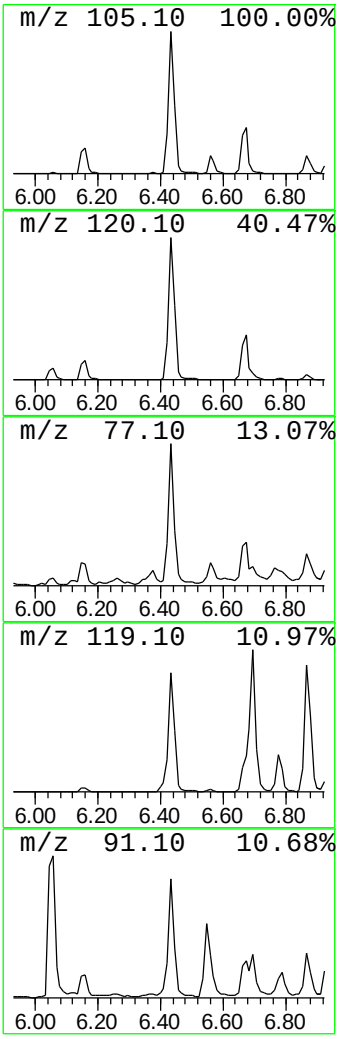
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	112.67 ng	2883770	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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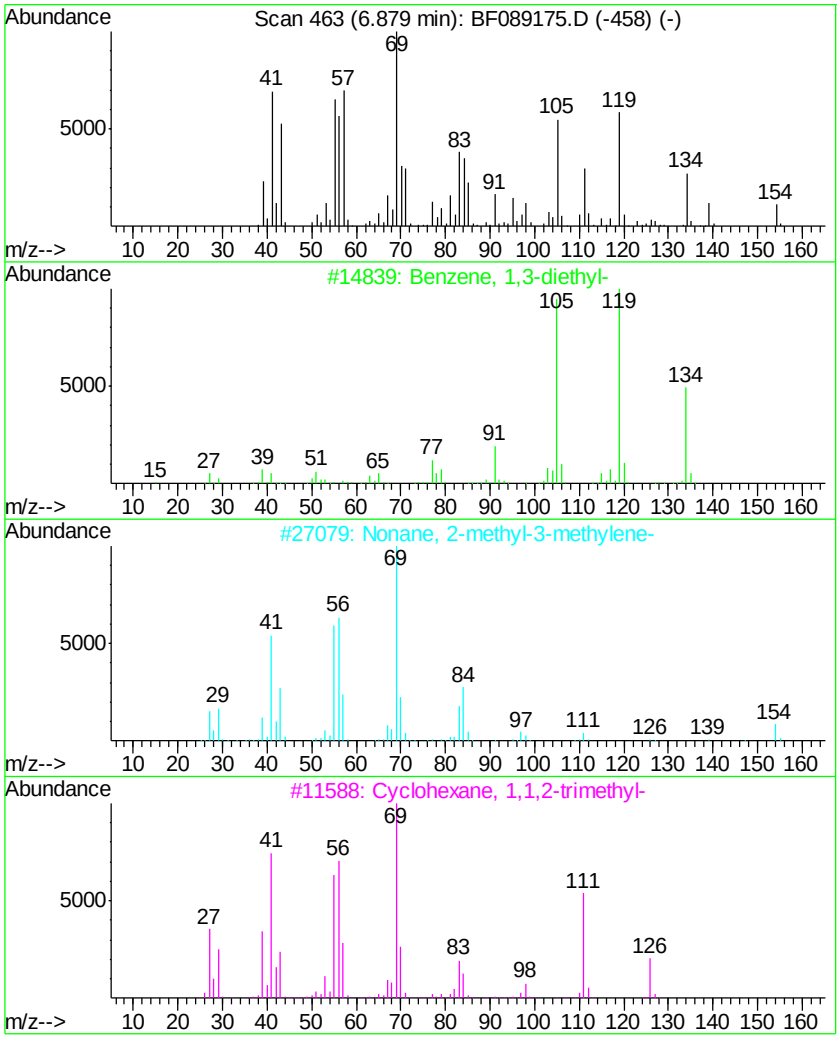
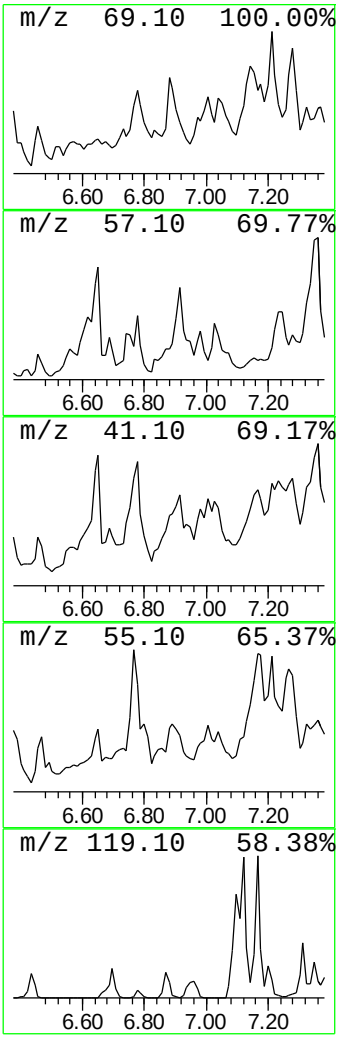
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	88.49 ng	2264900	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	59
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	41
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	40





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Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

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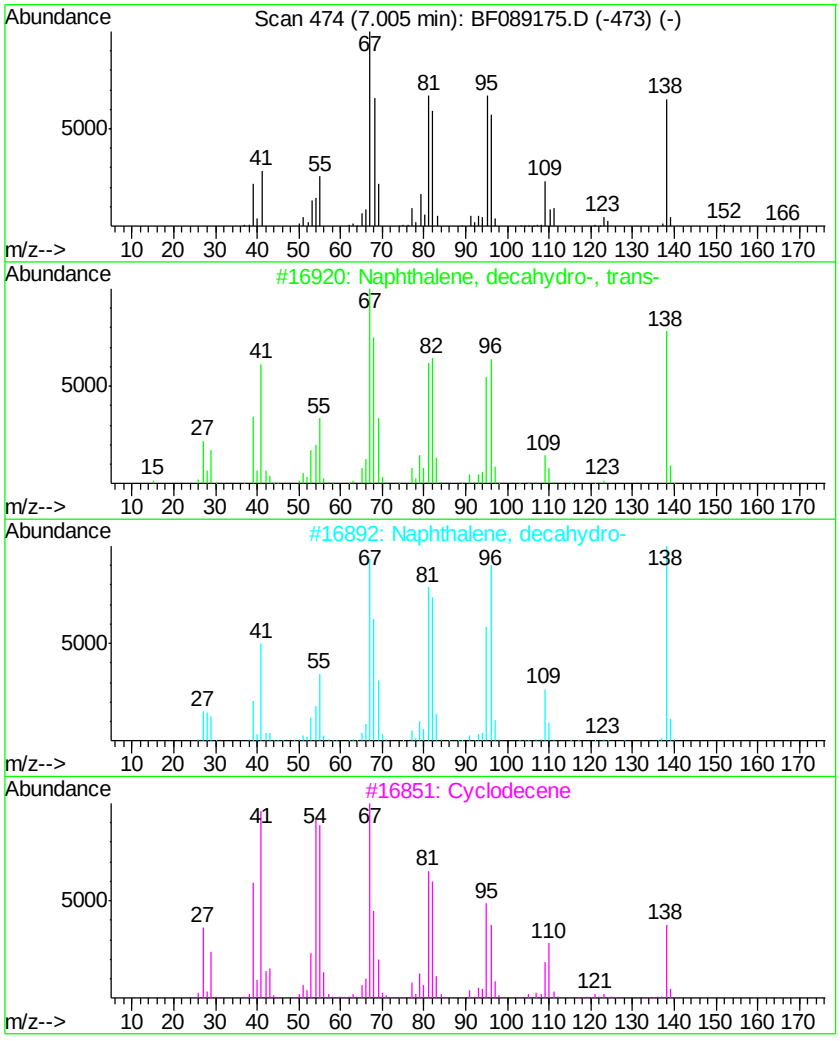
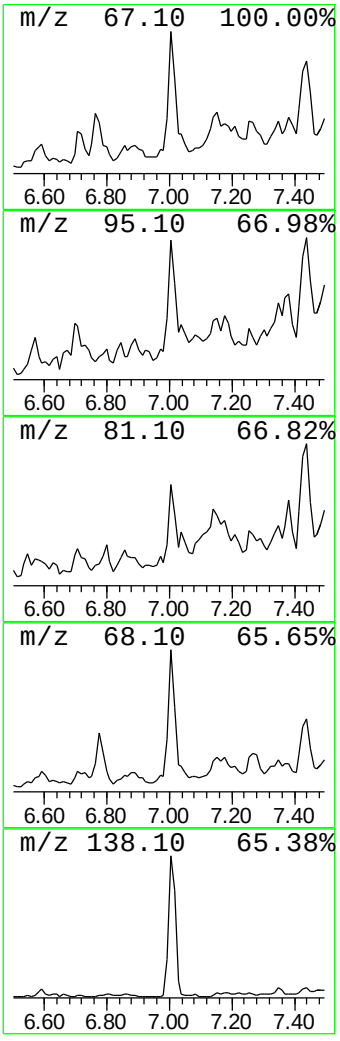
Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	74.21 ng	1899350	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	83
3	Cyclodecene	138	C10H18	003618-12-0	80
4	Spiro[4.5]decane	138	C10H18	000176-63-6	74
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70





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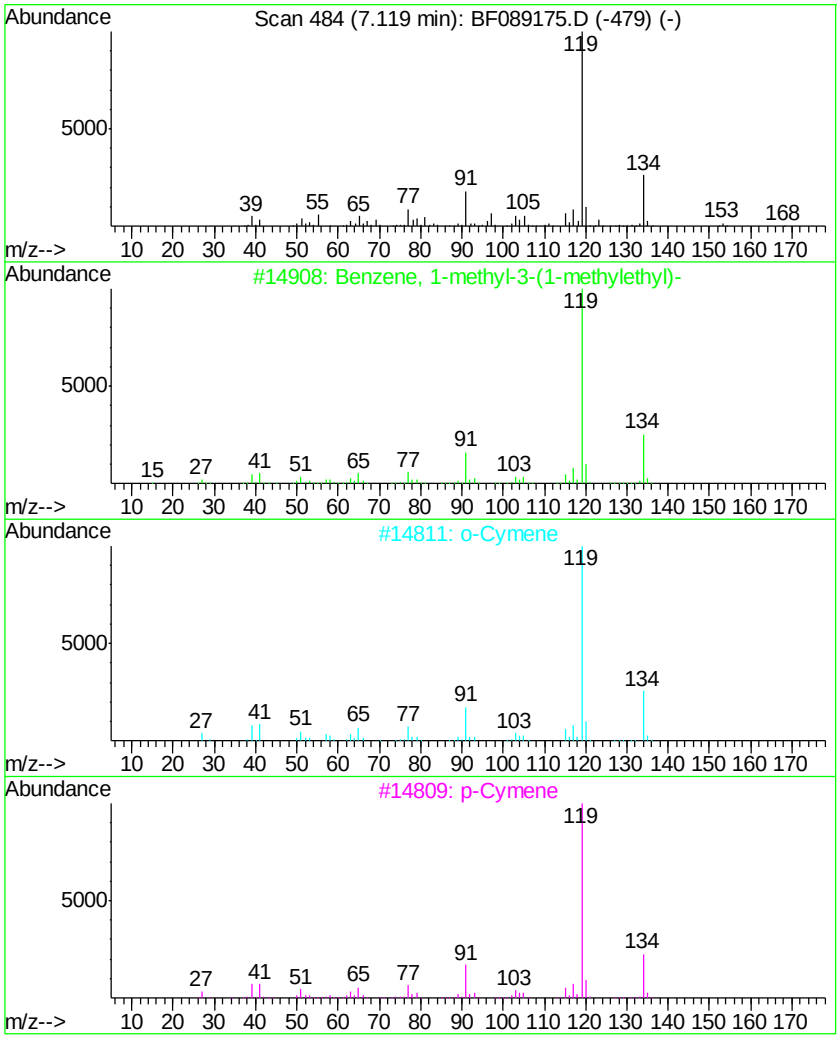
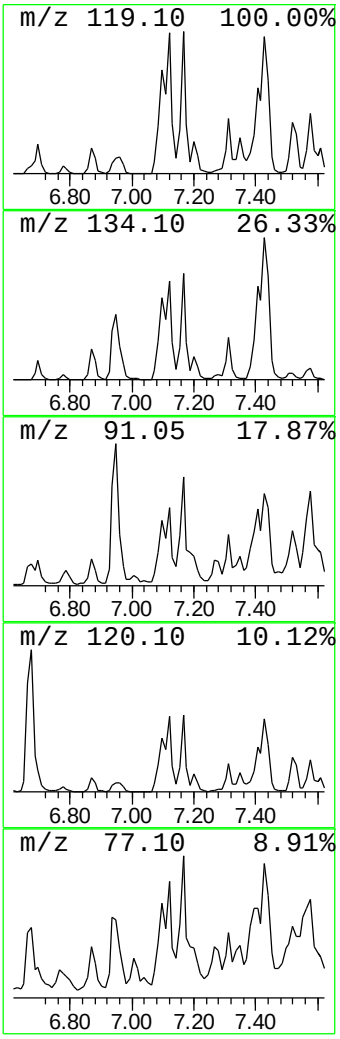
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	101.39 ng	2595060	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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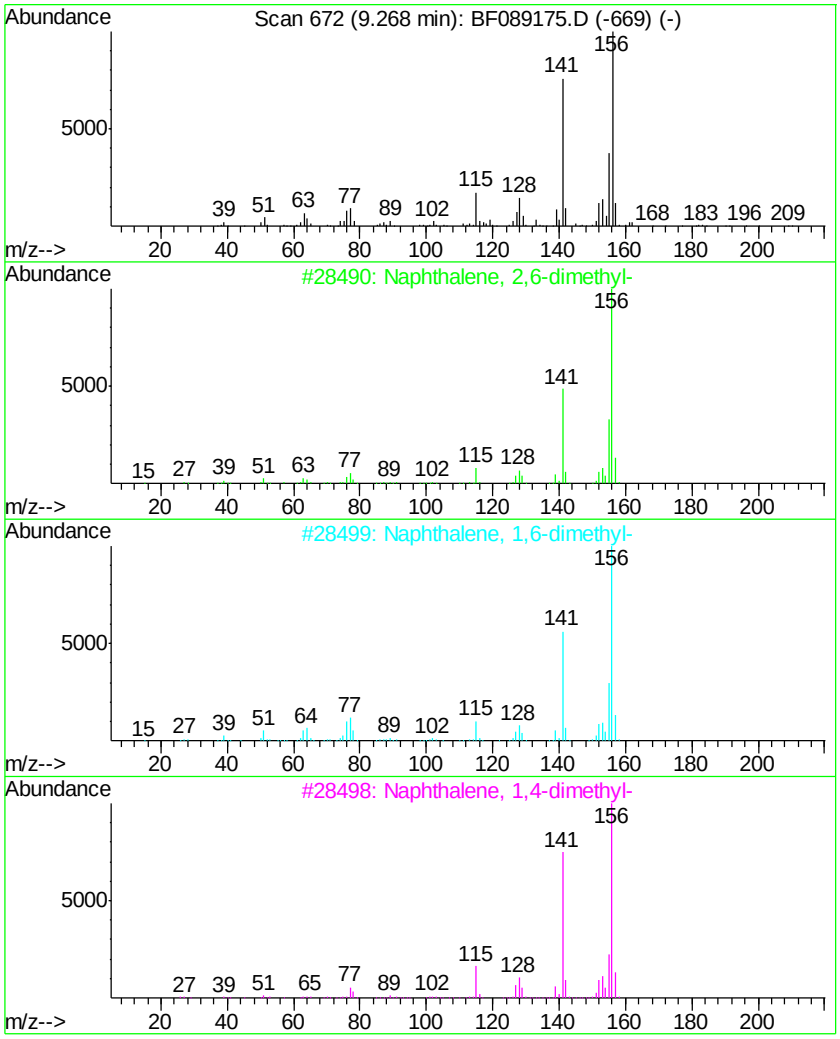
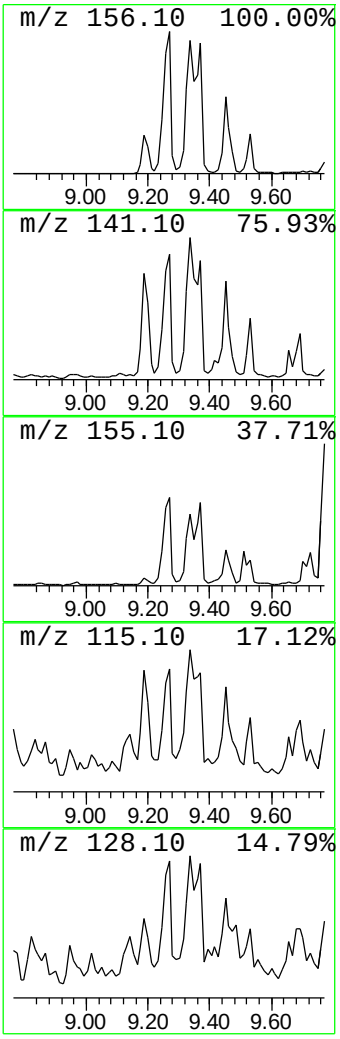
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	35.00 ng	3223480	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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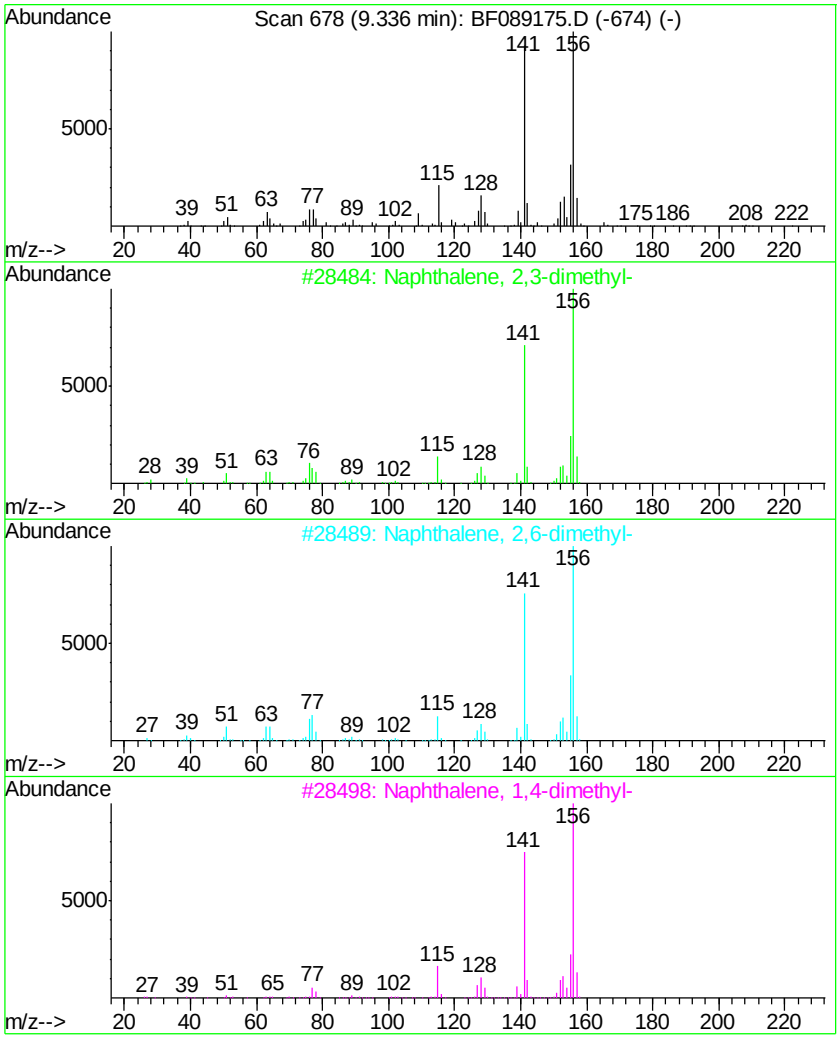
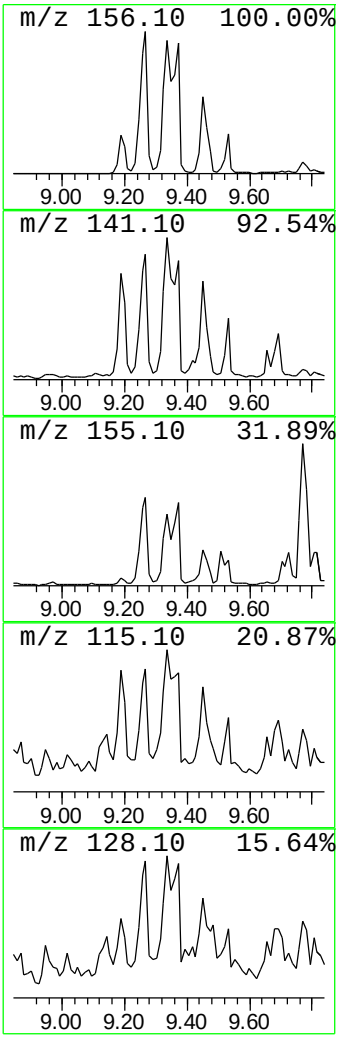
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	34.54 ng	3181470	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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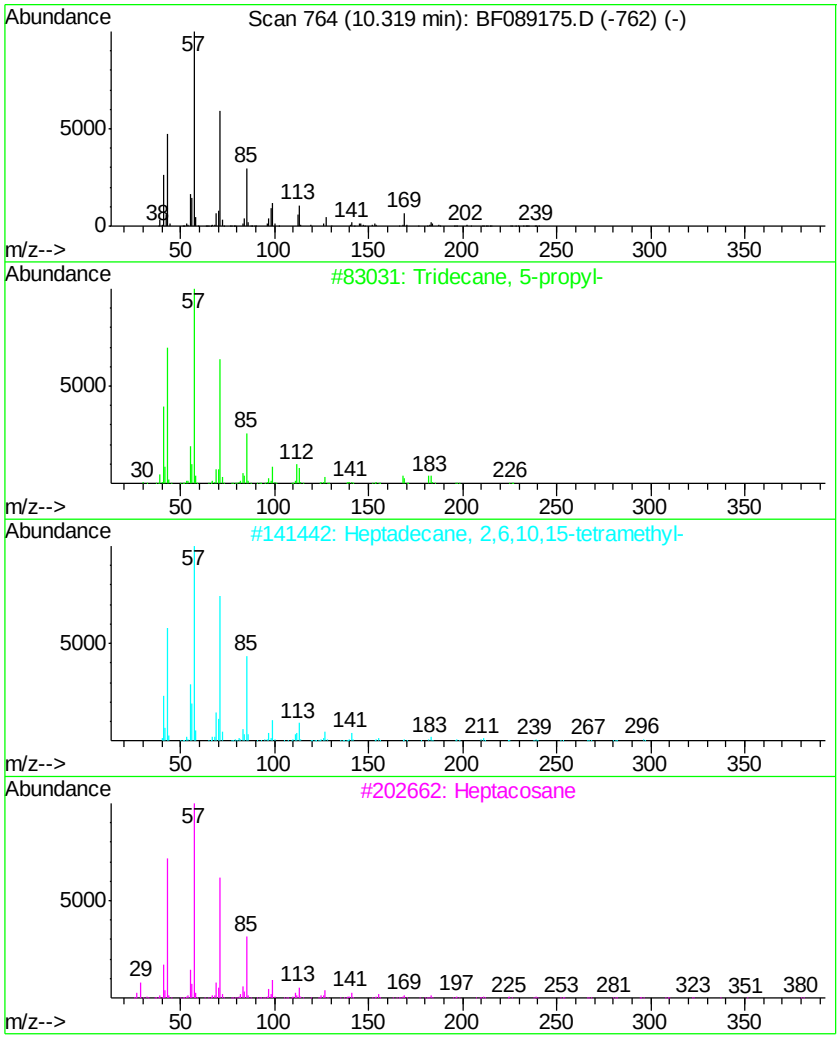
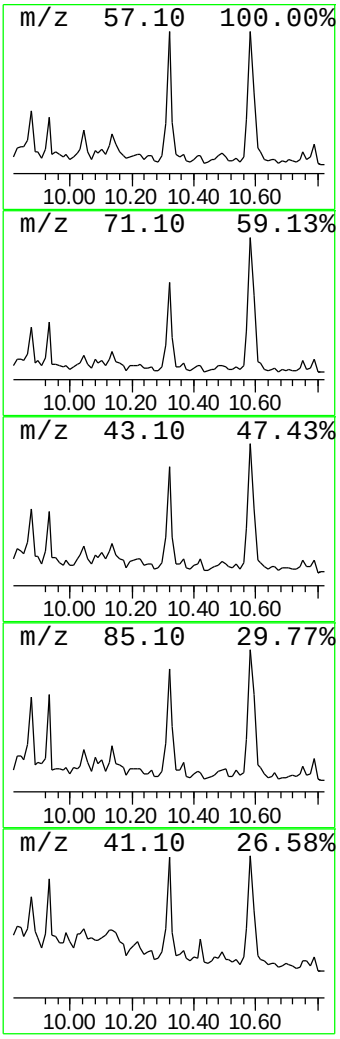
Peak Number 16 Tridecane, 5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	25.47 ng	2345810	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72





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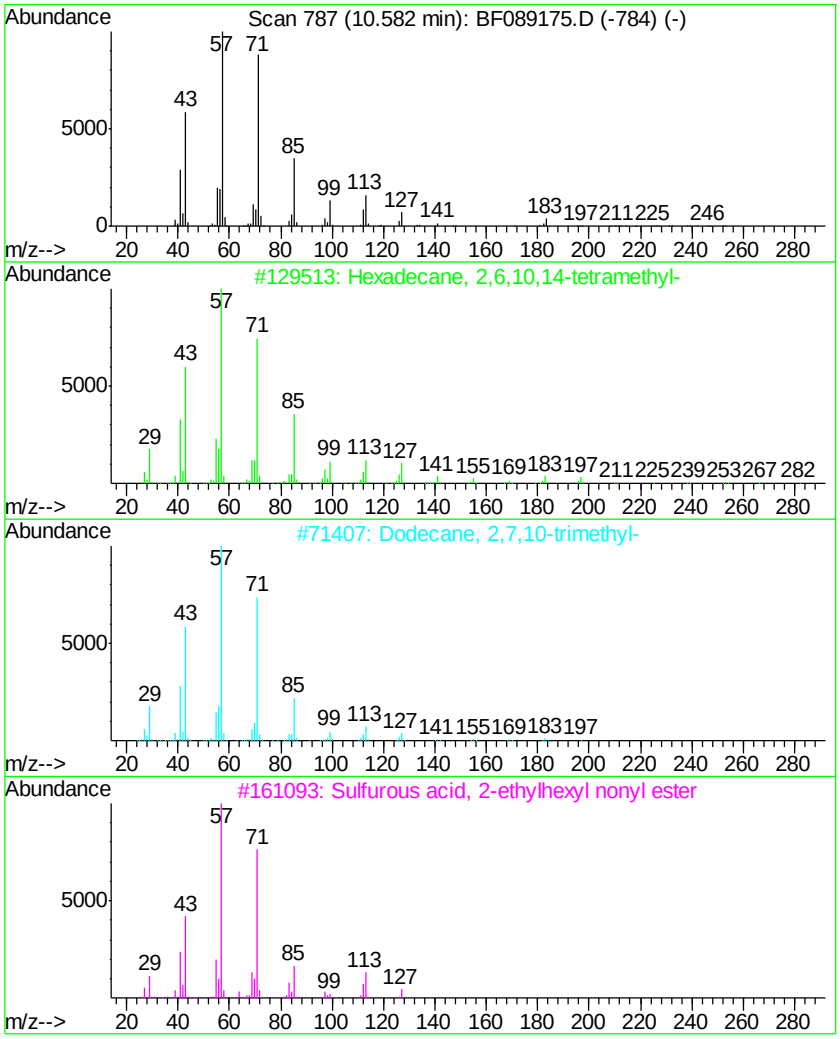
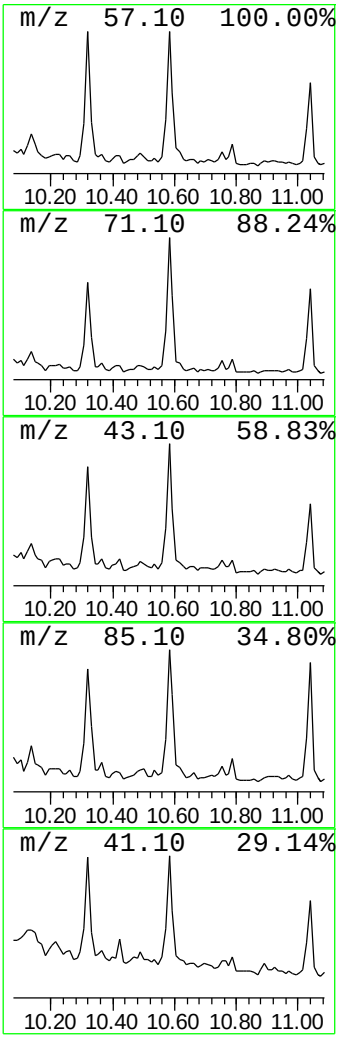
Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	171.55 ng	3119640	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59





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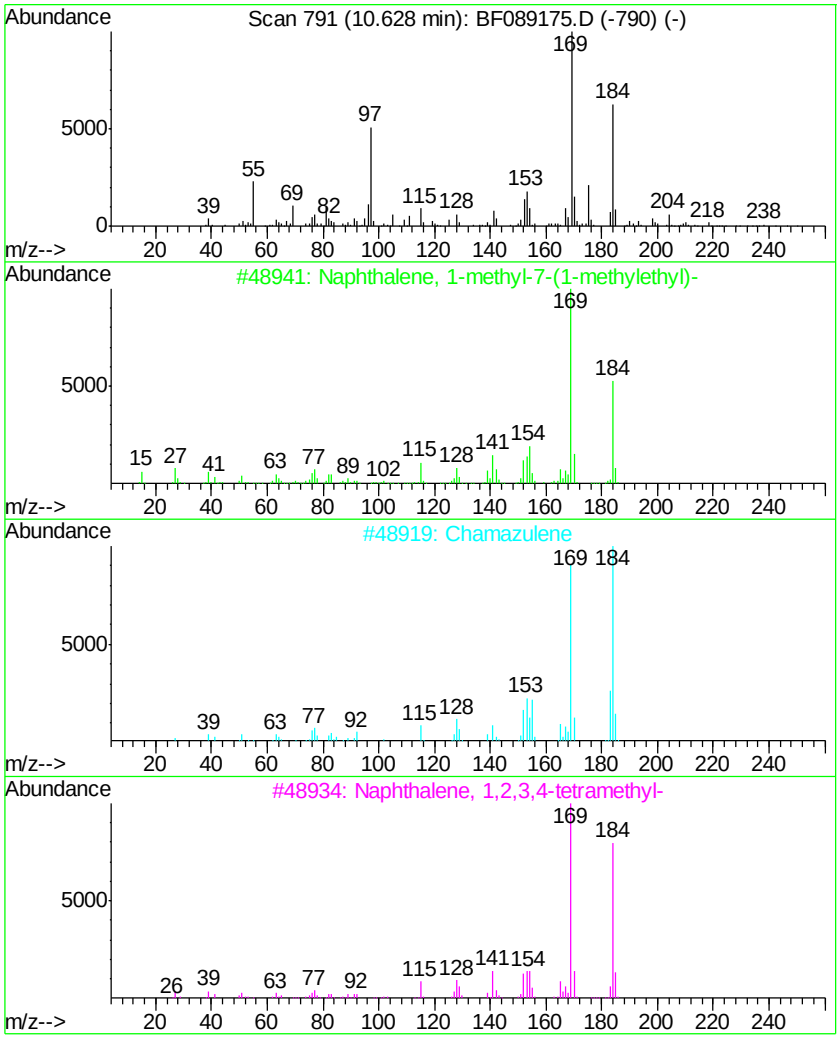
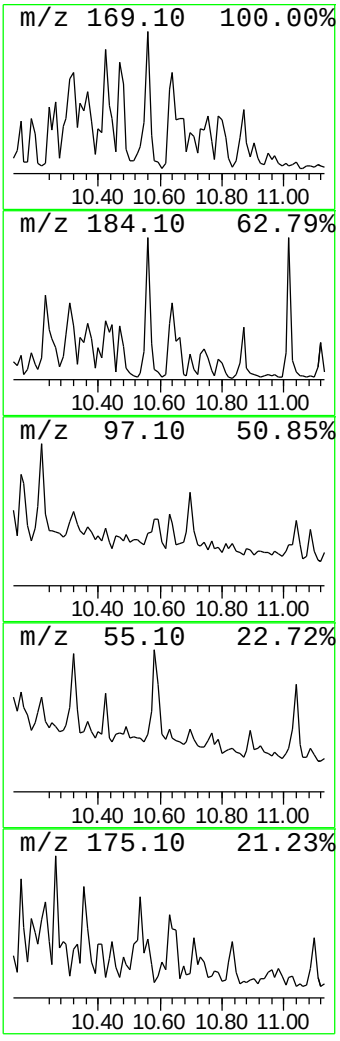
Peak Number 18 Naphthalene, 1-methyl-7-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	34.47 ng	626755	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
2	Chamazulene	184	C14H16	000529-05-5	58
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
4	2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	028239-45-4	43
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	43





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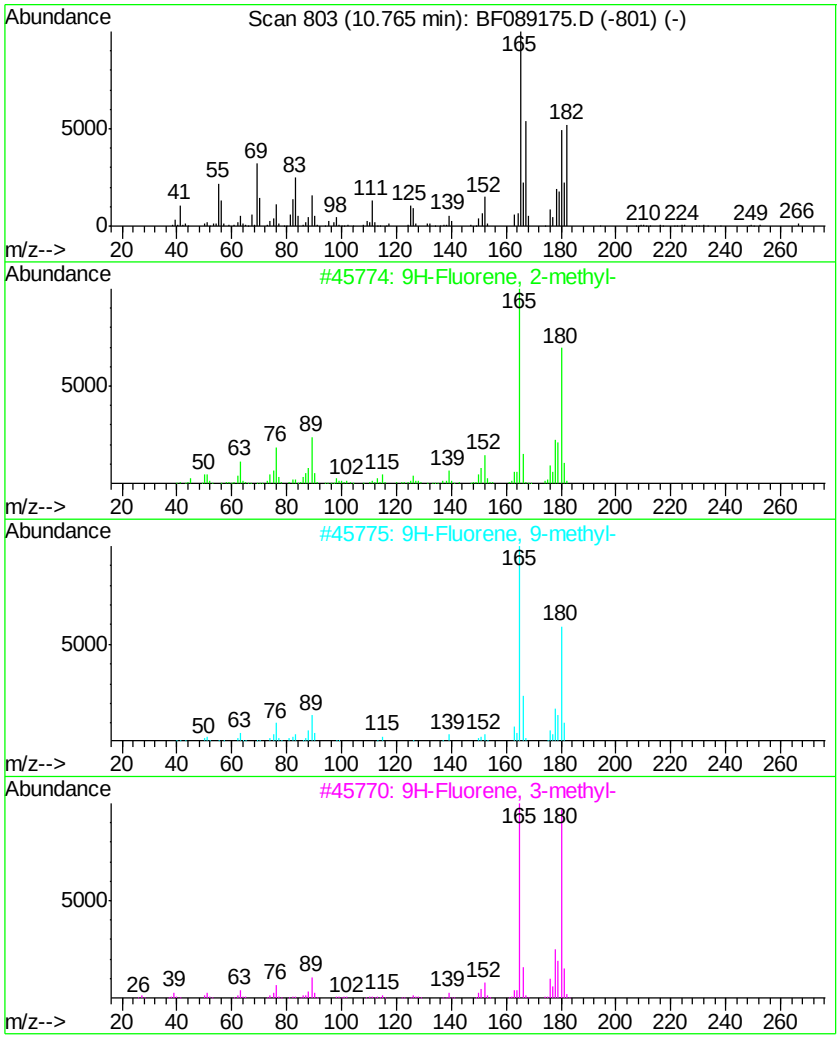
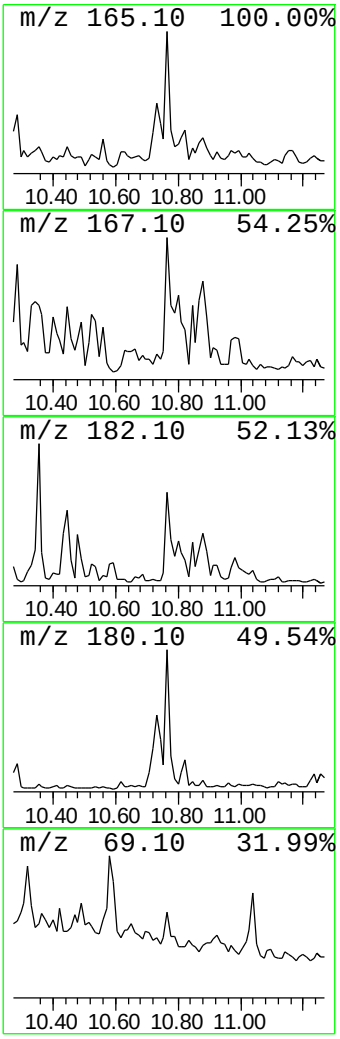
Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	48.00 ng	872946	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	80
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	43
5	Silane, trimethyl(3-methylphenoxy)-	180	C10H16OSi	017902-31-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

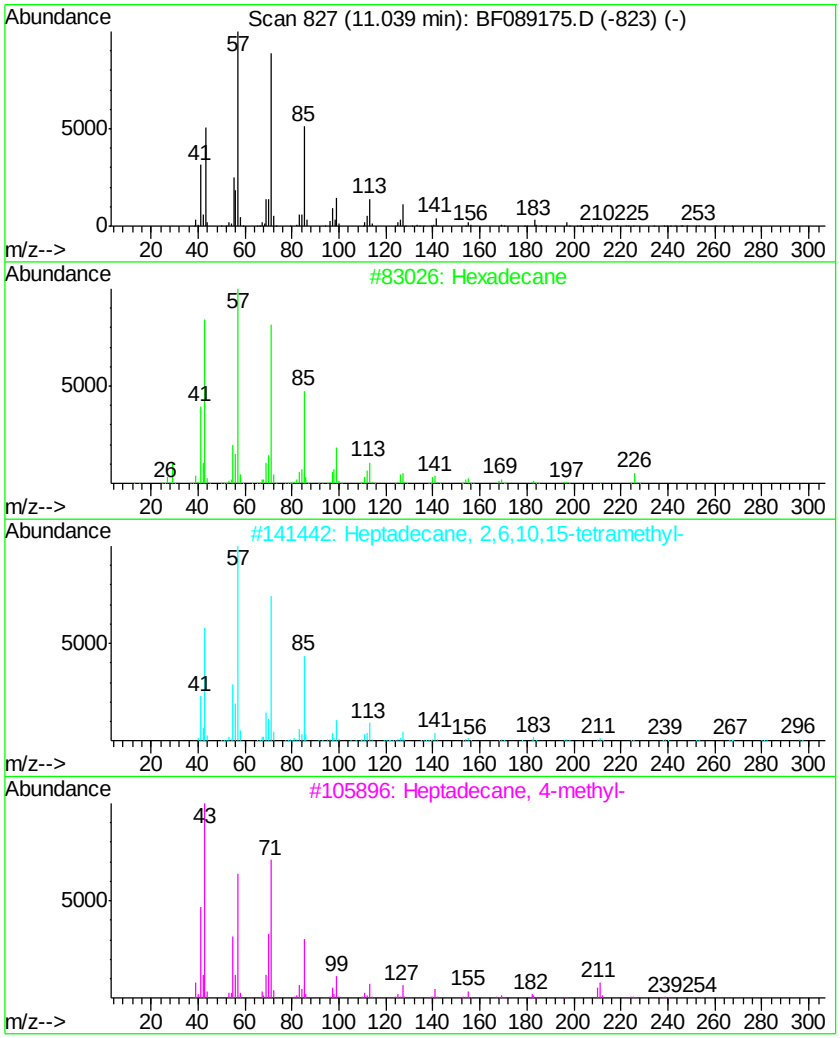
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

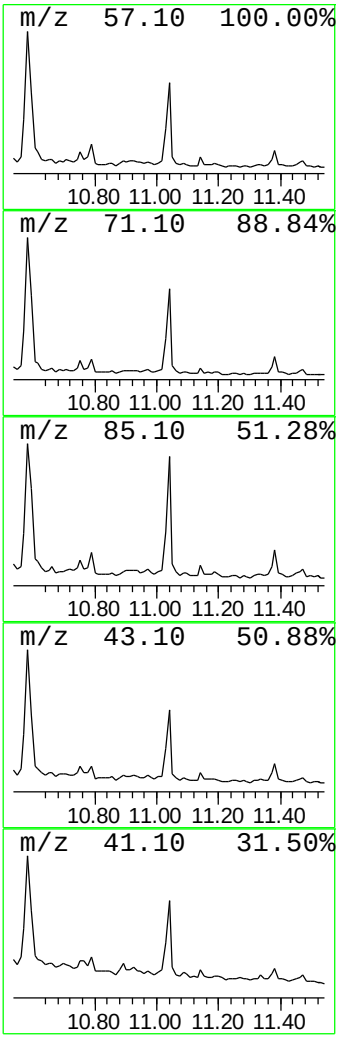
****

Peak Number 20 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	123.52 ng	2246070	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Heptacosane	380	C27H56	000593-49-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
Data File : BF089175.D
Acq On : 21 Jul 2016 12:43
Operator : UM/SJ
Sample : H4112-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KMW-01-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
Cyclohexaneethanol	5.72	28.0	ng	716666	1	6.60	511912	20.0
unknown5.84	5.84	62.6	ng	1603440	1	6.60	511912	20.0
Heptane, 3-ethyl-...	5.90	34.3	ng	878722	1	6.60	511912	20.0
unknown6.04	6.04	44.6	ng	1142610	1	6.60	511912	20.0
unknown6.11	6.11	62.1	ng	1589330	1	6.60	511912	20.0
Benzene, 1-ethyl-...	6.16	30.1	ng	771662	1	6.60	511912	20.0
unknown6.38	6.38	129.7	ng	3319750	1	6.60	511912	20.0
Benzene, 1,2,3-tr...	6.43	112.7	ng	2883770	1	6.60	511912	20.0
Benzene, 1,3-diet...	6.88	88.5	ng	2264900	1	6.60	511912	20.0
Naphthalene, deca...	7.00	74.2	ng	1899350	1	6.60	511912	20.0
Benzene, 1-methyl...	7.12	101.4	ng	2595060	1	6.60	511912	20.0
Naphthalene, 2,6-...	9.27	35.0	ng	3223480	3	9.66	1841950	20.0
Naphthalene, 2,3-...	9.34	34.5	ng	3181470	3	9.66	1841950	20.0
Tridecane, 5-propyl-	10.32	25.5	ng	2345810	3	9.66	1841950	20.0
Hexadecane, 2,6,1...	10.58	171.6	ng	3119640	4	11.12	363691	20.0
Naphthalene, 1-me...	10.63	34.5	ng	626755	4	11.12	363691	20.0
9H-Fluorene, 2-me...	10.77	48.0	ng	872946	4	11.12	363691	20.0
Hexadecane	11.04	123.5	ng	2246070	4	11.12	363691	20.0