LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-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:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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	2.684	89	96	101	rBV2	164808	461852	2.75%	0.195%
2	3.576	168	174	183	rVB	579564	1400063	8.34%	0.592%
3	4.273	231	235	240	rBV	171580	451175	2.69%	0.191%
4	4.410	243	247	250	rVV	334956	751382	4.47%	0.318%
5	4.856	280	286	289	rBV2	182783	604707	3.60%	0.256%
6	5.004	297	299	301	rVV	442634	696586	4.15%	0.295%
7	5.050	301	303	307	rVB	687943	1037786	6.18%	0.439%
8	5.141	307	311	312	rBV	821371	1689142	10.06%	0.714%
9	5.164	312	313	319	rVB	1129237	1485705	8.85%	0.628%
10	5.313	325	326	331	rBV	893259	1914240	11.40%	0.809%
11	5.473	338	340	343	rVB2	280328	441387	2.63%	0.187%
12	5.541	343	346	354	rVB2	1174626	2139806	12.74%	0.905%
13	5.690	355	359	362	rBV	3236011	5244224	31.22%	2.218%
14	5.804	363	369	373	rBV4	351762	902655	5.37%	0.382%
15	5.942	377	381	385	rBV2	296712	844086	5.03%	0.357%
16	6.067	390	392	395	rVB2	646372	818274	4.87%	0.346%
17	6.182	395	402	404	rBV3	457495	1519847	9.05%	0.643%
18	6.227	404	406	410	rVB	1222615	1788943	10.65%	0.757%
19	6.307	410	413	416	rBV2	524261	1052981	6.27%	0.445%
20	6.536	426	433	435	rBV2	939794	1935911	11.53%	0.819%
21	6.604	437	439	441	rBV	549883	1000033	5.95%	0.423%
22	6.650	441	443	445	rVB2	1894194	2494592	14.85%	1.055%
23	6.696	445	447	452	rVB2	2057081	3347650	19.93%	1.416%
24	6.787	452	455	457	rBV	2642181	3738618	22.26%	1.581%
25	6.833	457	459	463	rVB3	391564	674859	4.02%	0.285%
26	6.902	463	465	469	rVB2	647149	962513	5.73%	0.407%
27	6.993	469	473	478	rBV3	1165026	4038696	24.04%	1.708%
28	7.073	478	480	483	rBV	1862049	3156631	18.79%	1.335%
29	7.130	483	485	487	rVB	1776463	2518444	14.99%	1.065%
30	7.210	487	492	495	rVB	6165197	11321615	67.40%	4.788%
31	7.267	495	497	499	rBV2	194761	418678	2.49%	0.177%
32	7.336	499	503	506	rBV4	392649	1062518	6.33%	0.449%
33	7.427	506	511	513	rVB2	837046	1998957	11.90%	0.845%
34	7.473	513	515	519	rBV2	1579614	3323699	19.79%	1.406%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-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:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.542	519	521	524	rVB2	767981	1426343	8.49%	0.603%
36	7.633	527	529	532	rBV	2461886	4759129	28.33%	2.013%
37	7.793	540	543	544	rBV	250350	450576	2.68%	0.191%
38	7.827	544	546	548	rVV	690857	1160181	6.91%	0.491%
39	7.862	548	549	551	rVV	805064	1315843	7.83%	0.556%
40	7.907	551	553	555	rVV	1483787	2761587	16.44%	1.168%
41	7.953	555	557	559	rVV2	2185934	3574209	21.28%	1.511%
42	8.010	559	562	564	rVV	2274014	3744663	22.29%	1.584%
43	8.079	564	568	574	rVB2	1617109	4378339	26.07%	1.852%
44	8.170	574	576	578	rBV	434742	722418	4.30%	0.305%
45	8.205	578	579	582	rVB	571083	826212	4.92%	0.349%
46	8.285	582	586	588	rBV	1245061	2674012	15.92%	1.131%
47	8.330	588	590	595	rVB3	2079037	3910915	23.28%	1.654%
48	8.456	595	601	603	rBV	6848007	16796544	100.00%	7.103%
49	8.593	608	613	617	rVV4	1430313	4810848	28.64%	2.034%
50	8.662	617	619	621	rVV2	1177597	2206239	13.14%	0.933%
51	8.719	621	624	629	rVV4	1187543	3508485	20.89%	1.484%
52	8.810	629	632	633	rVV	626223	1169374	6.96%	0.495%
53	8.856	633	636	637	rVV2	1102452	2378444	14.16%	1.006%
54	8.890	637	639	641	rVV2	1603926	2569939	15.30%	1.087%
55	8.948	641	644	647	rVV3	760053	1993375	11.87%	0.843%
56	9.028	647	651	653	rVV	1830298	5064430	30.15%	2.142%
57	9.073	653	655	657	rVV	1529395	3139674	18.69%	1.328%
58	9.130	657	660	663	rVV2	2173842	4459146	26.55%	1.886%
59	9.199	663	666	668	rVV3	1711333	3609708	21.49%	1.526%
60	9.233	668	669	672	rVV	879035	1733225	10.32%	0.733%
61	9.313	672	676	679	rVV	2241577	5242223	31.21%	2.217%
62	9.405	681	684	685	rVV3	988354	2302398	13.71%	0.974%
63	9.473	685	690	692	rVV3	3423908	9919660	59.06%	4.195%
64	9.530	692	695	697	rVV	6142875	10862108	64.67%	4.593%
65	9.588	697	700	702	rVV3	631646	1660052	9.88%	0.702%
66	9.633	702	704	706	rVV	1482901	2682382	15.97%	1.134%
67	9.679	706	708	709	rVV	614251	903379	5.38%	0.382%
68	9.713	709	711	714	rVV2	556150	937869	5.58%	0.397%
69	9.782	714	717	719	rVV2	759436	1265037	7.53%	0.535%
70	9.873	721	725	726	rVV3	328422	891098	5.31%	0.377%
71	9.908	726	728	730	rVB2	409102	581731	3.46%	0.246%

LSC Area Percent Report

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Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.976	730	734	736	rBV2	801867	1846192	10.99%	0.781%
73	10.045	736	740	742	rVV2	899171	2109514	12.56%	0.892%
74	10.102	742	745	747	rVV2	1267604	2497175	14.87%	1.056%
75	10.148	747	749	751	rVV	1088000	1725977	10.28%	0.730%
76	10.216	751	755	760	rVV	1796661	3835617	22.84%	1.622%
77	10.308	760	763	765	rVV2	687887	1318126	7.85%	0.557%
78	10.365	765	768	772	rVV	1417846	2387727	14.22%	1.010%
79	10.445	772	775	777	rVV2	879727	1738395	10.35%	0.735%
80	10.502	777	780	783	rVB	3084689	4503802	26.81%	1.905%
81	10.605	786	789	791	rVV	1299038	2142565	12.76%	0.906%
82	10.651	791	793	798	rVB3	392239	698930	4.16%	0.296%
83	10.776	798	804	810	rVB3	1376054	3699142	22.02%	1.564%
84	10.925	814	817	818	rBV2	229974	425175	2.53%	0.180%
85	11.108	828	833	835	rBV5	484556	1606364	9.56%	0.679%
86	11.153	835	837	838	rVV	634122	787331	4.69%	0.333%
87	11.211	838	842	844	rVB2	1649793	2315419	13.79%	0.979%
88	11.313	849	851	853	rVV2	395674	760046	4.53%	0.321%
89	11.416	857	860	863	rVB	1403229	1902717	11.33%	0.805%
90	11.474	863	865	867	rBV	292212	508824	3.03%	0.215%
91	11.565	871	873	877	rVB2	420702	743685	4.43%	0.314%
92	11.656	878	881	885	rVB3	252443	551534	3.28%	0.233%
93	11.919	902	904	909	rVB2	364711	625085	3.72%	0.264%
94	12.182	923	927	931	rBV4	374547	1071318	6.38%	0.453%
95	12.262	931	934	938	rVB2	754697	1429296	8.51%	0.604%
96	13.565	1045	1048	1056	rVB	1039111	1816612	10.82%	0.768%
97	14.662	1143	1144	1150	rVB	446016	791326	4.71%	0.335%
98	17.017	1348	1350	1356	rBV	1471780	1893202	11.27%	0.801%
99	18.400	1469	1471	1479	rVB2	297341	661149	3.94%	0.280%
100	20.092	1617	1619	1628	rVB	185419	452265	2.69%	0.191%

Sum of corrected areas: 236474560

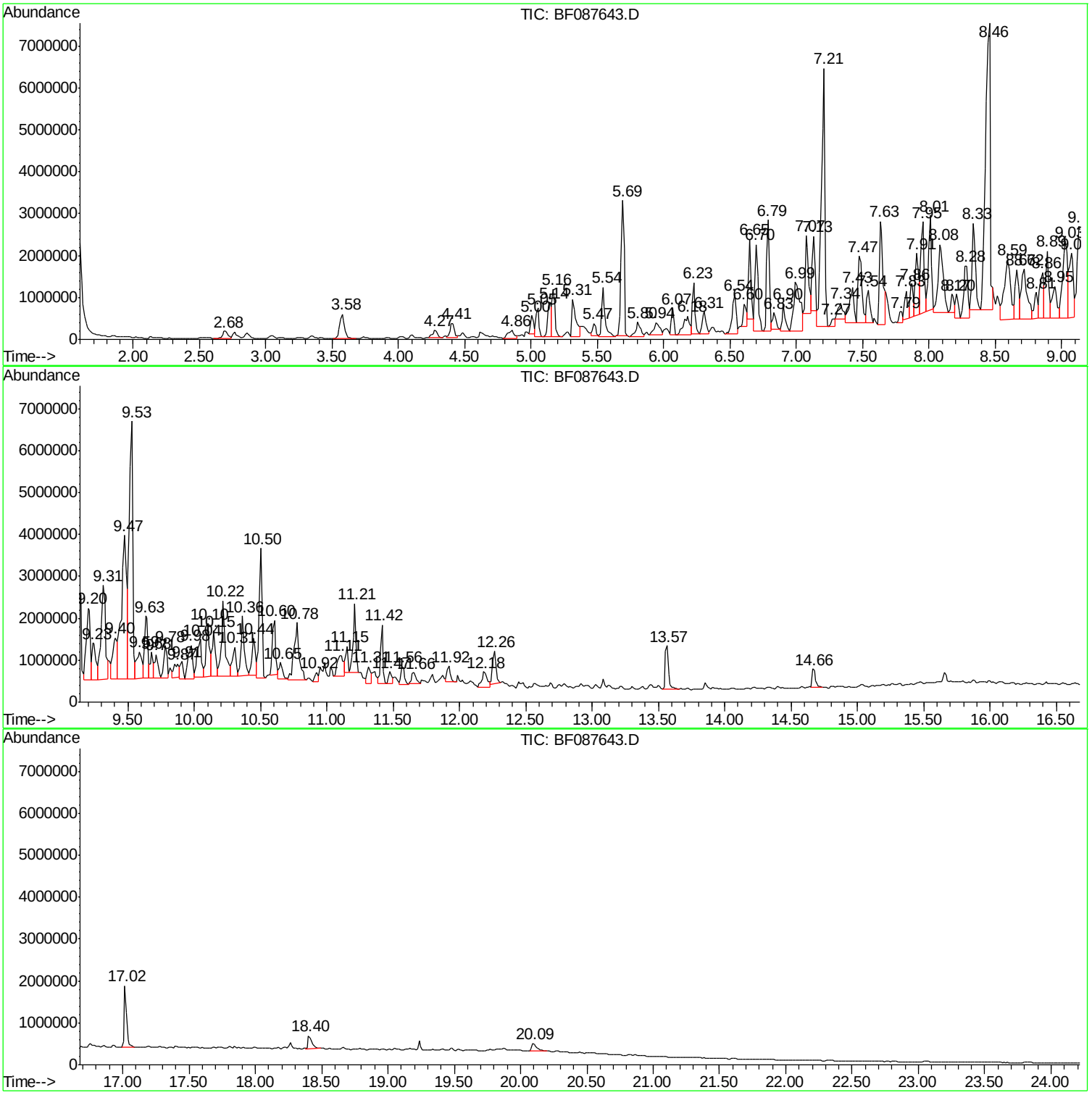
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

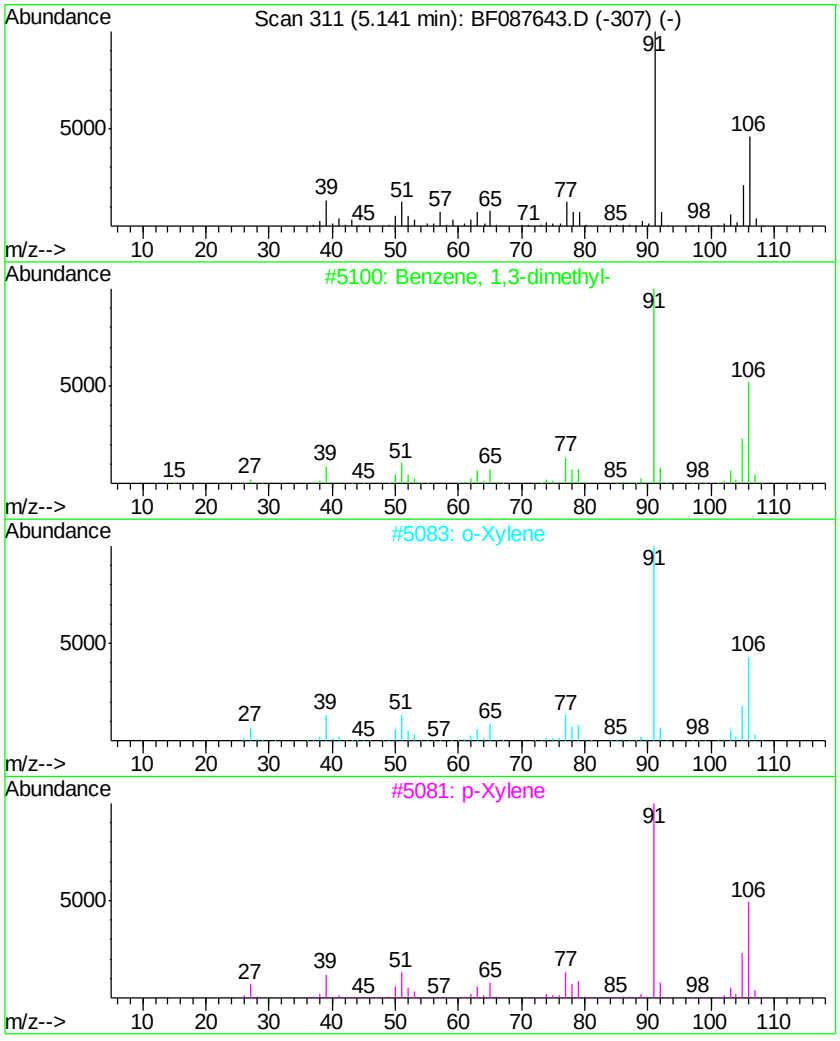
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

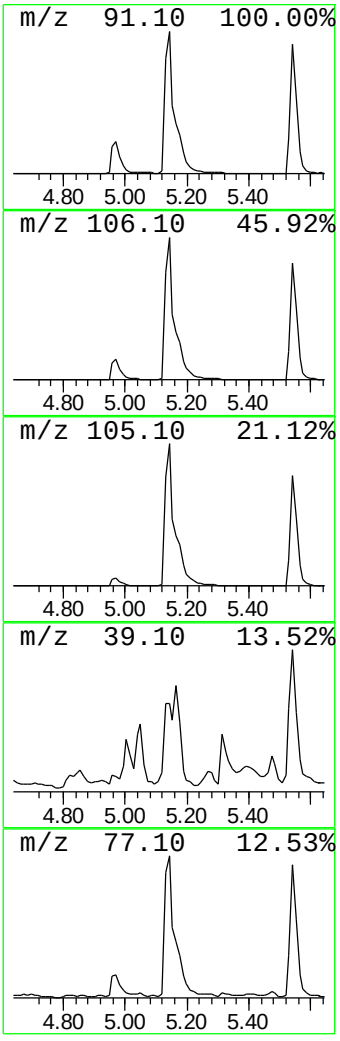
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	16.90 ng	1689140	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

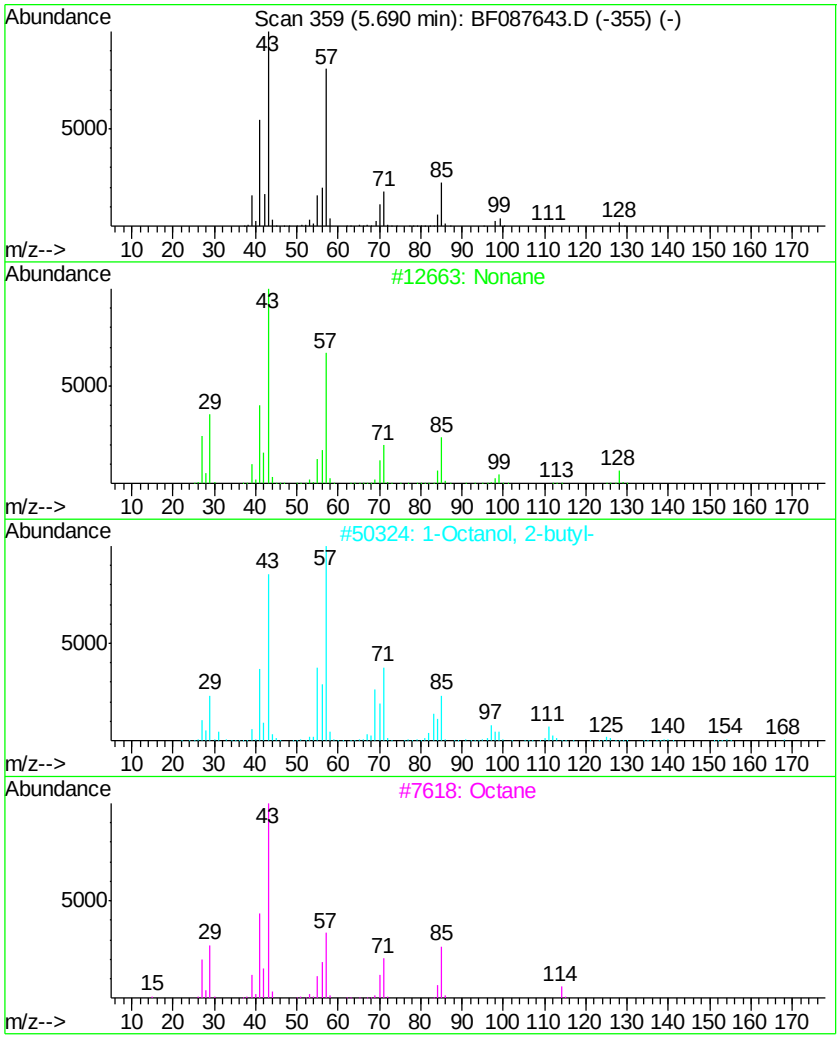
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

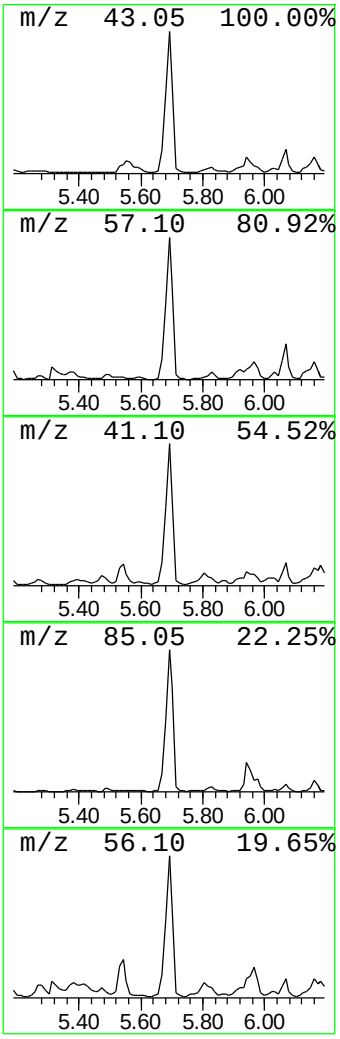
****

Peak Number 3 Nonane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	52.47 ng	5244220	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3	Octane	114	C8H18	000111-65-9	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

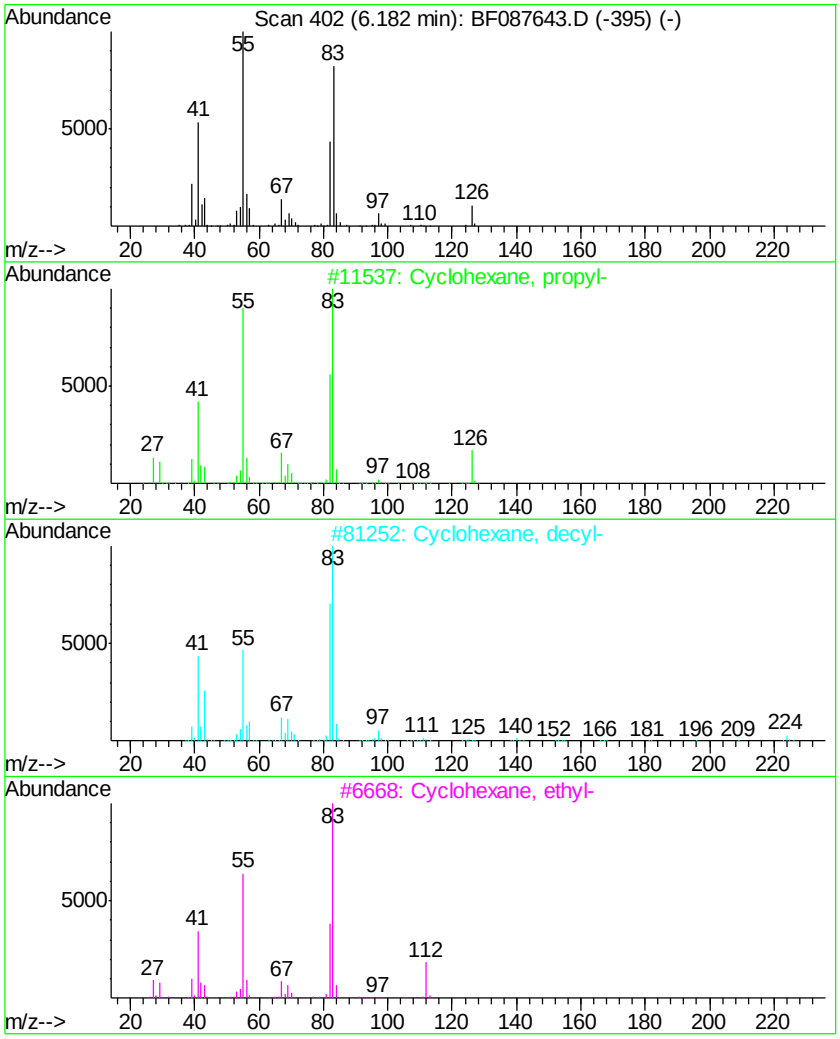
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

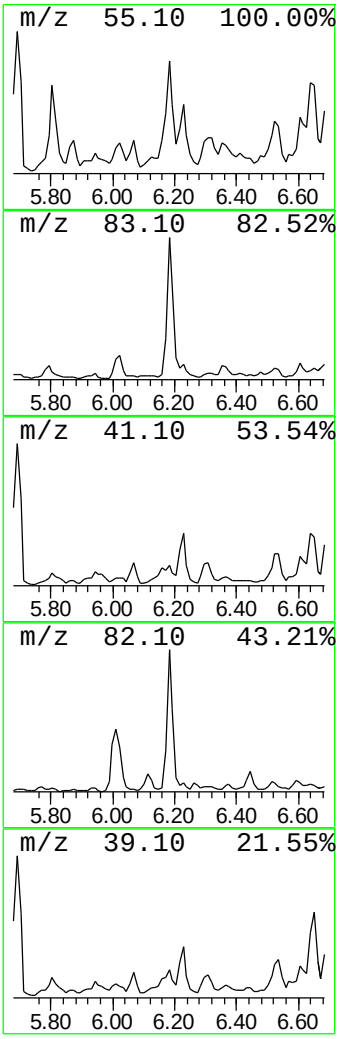
****

Peak Number 4 Cyclohexane, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	15.21 ng	1519850	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	64
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
5	Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

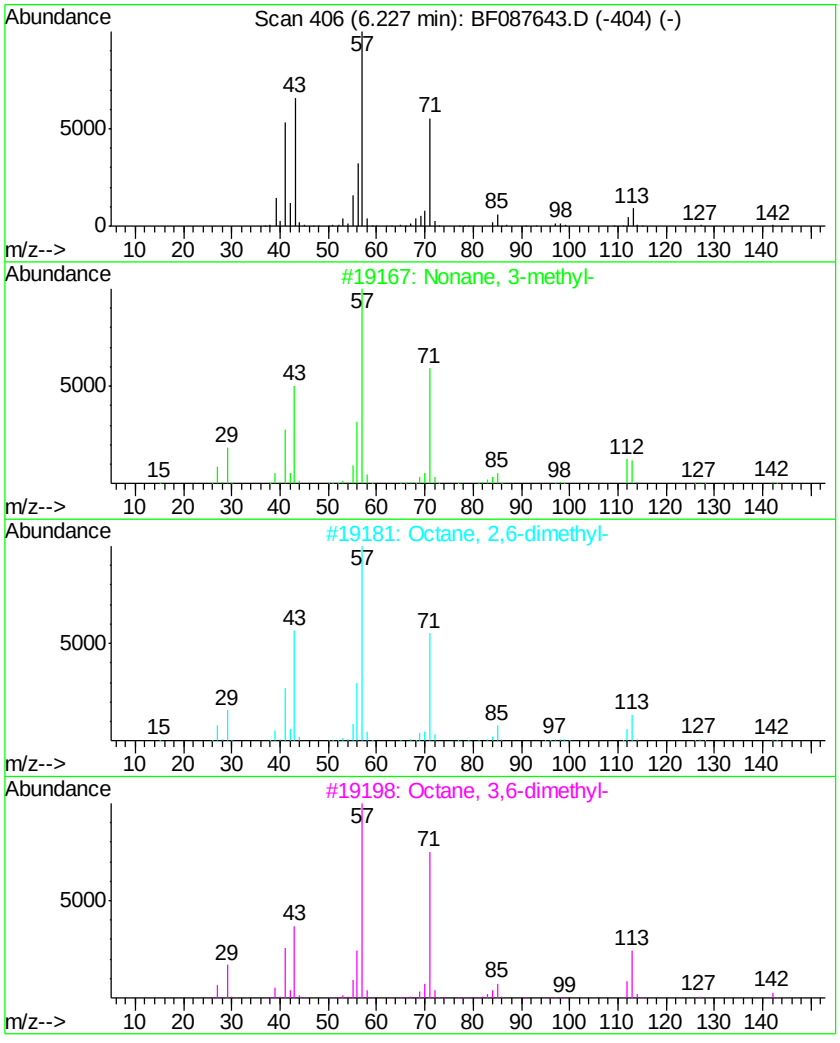
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

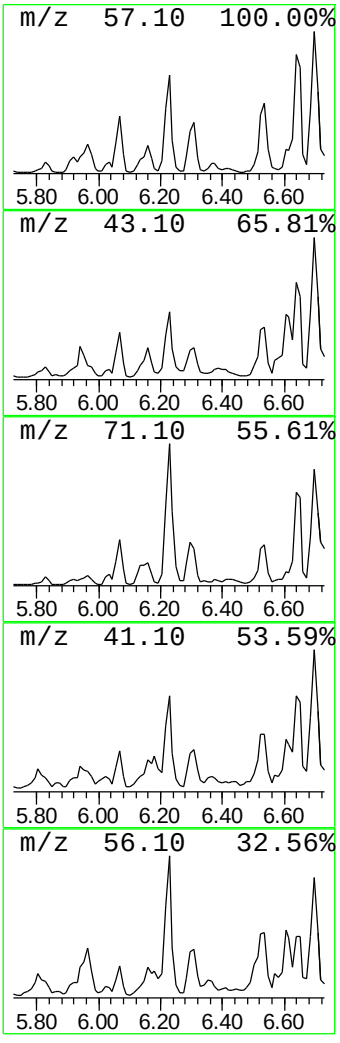
****

Peak Number 5 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	17.90 ng	1788940	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

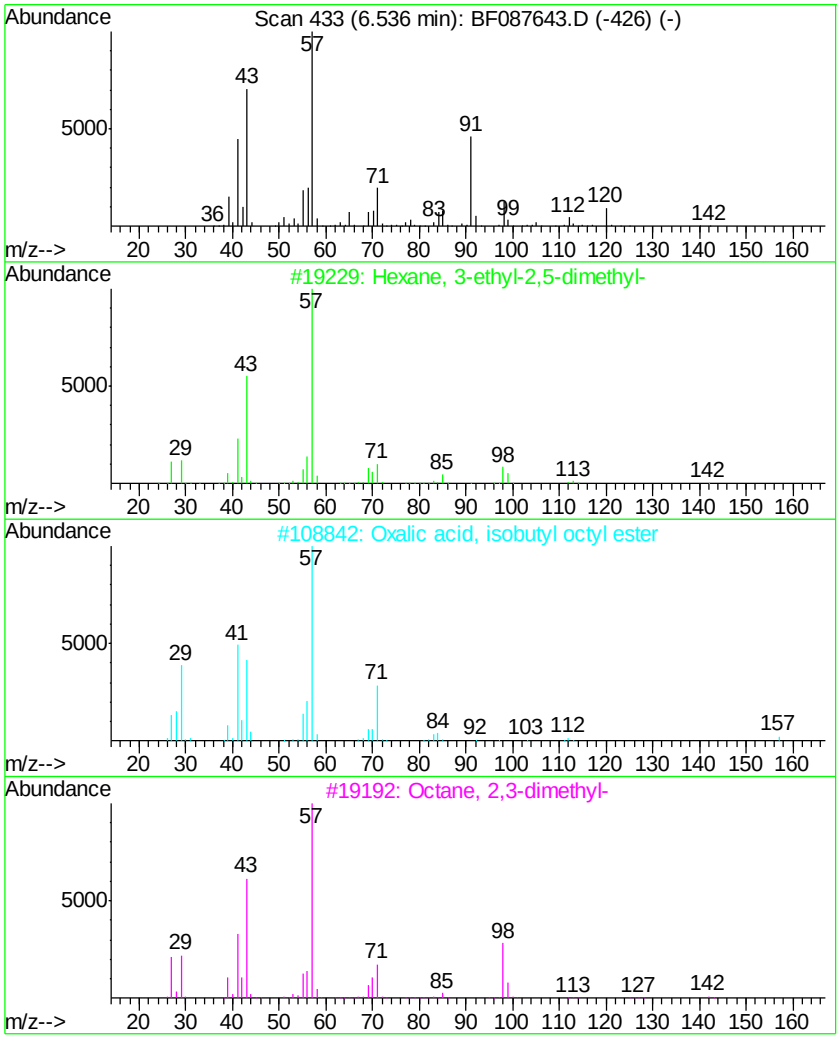
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

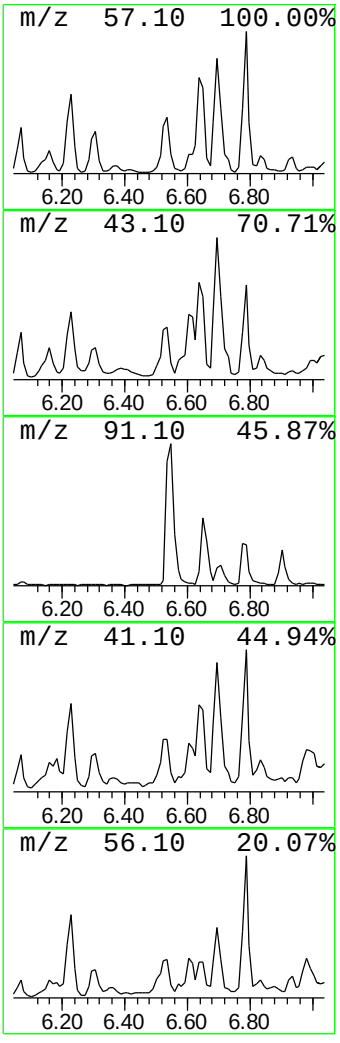
****

Peak Number 6 unknown6.54 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	19.37 ng	1935910	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	49
2	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	43
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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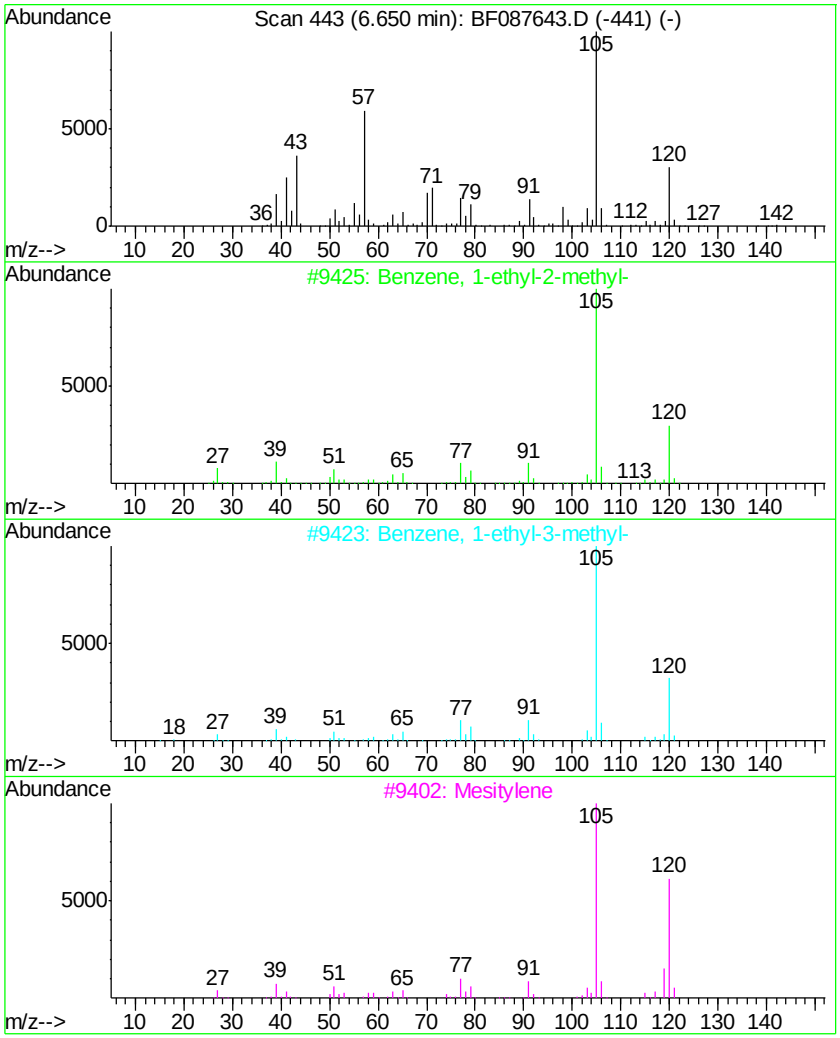
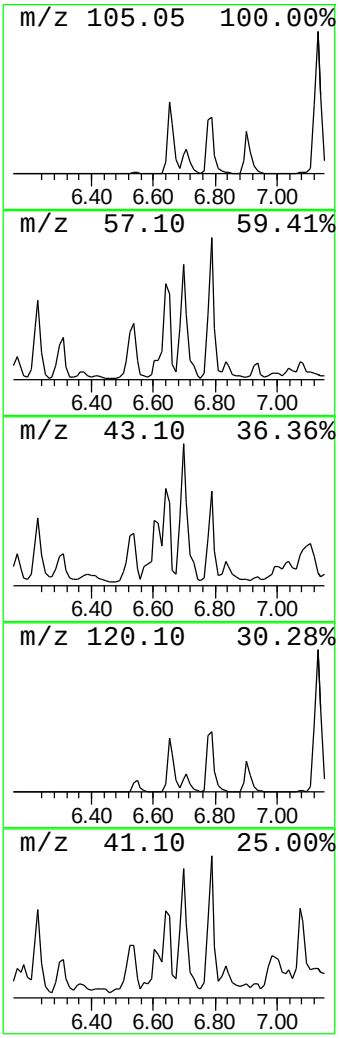
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	24.96 ng	2494590	1,4-Dichlorobenzene-d4	7.40

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	92
3	Mesitylene	120	C9H12	000108-67-8	70
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64





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Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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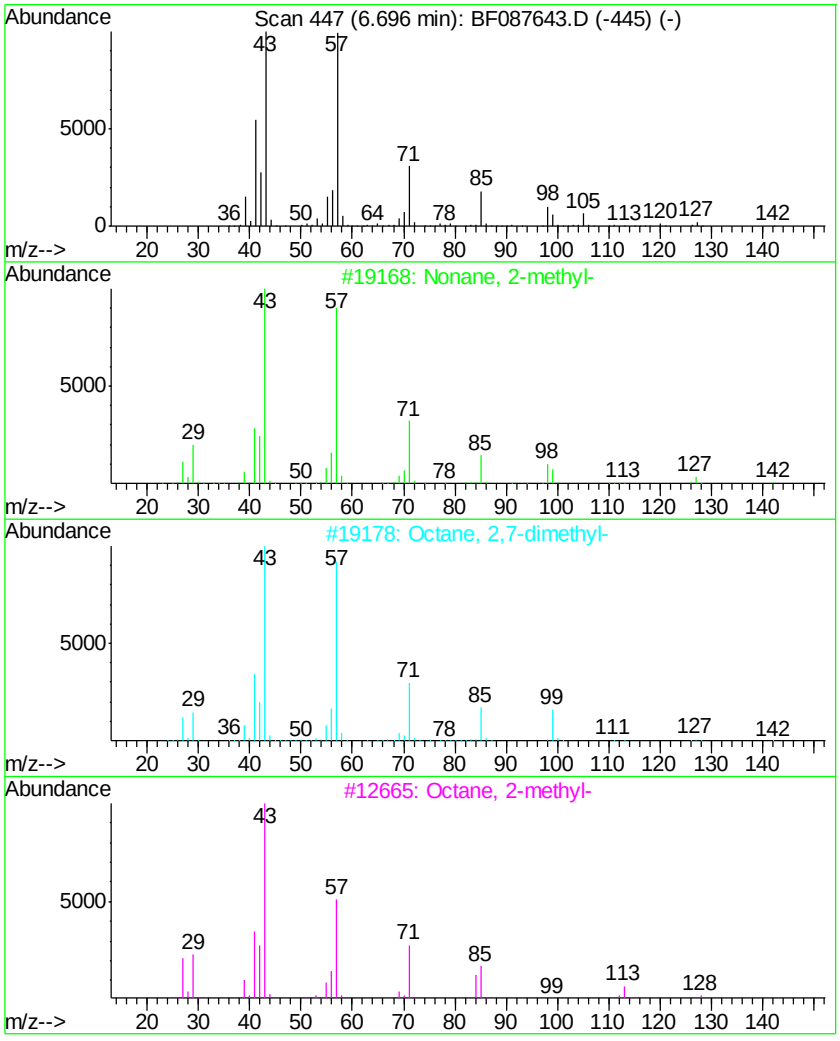
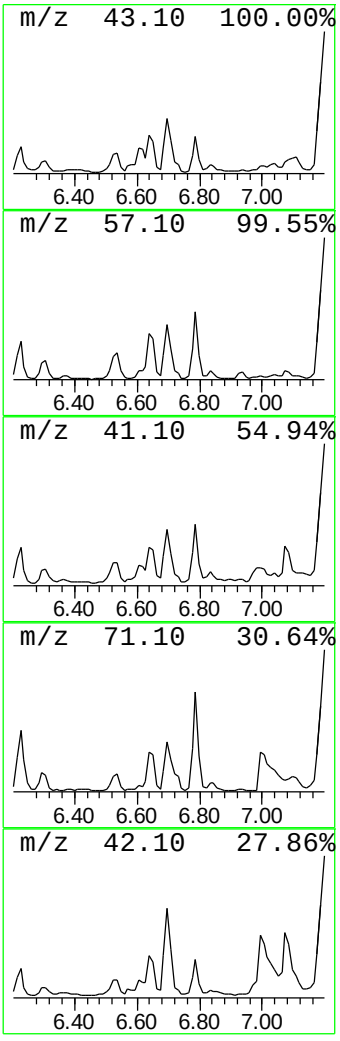
Peak Number 8 Nonane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	33.49 ng	3347650	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	59
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53





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Instrument : BNA_F
ClientSampleId : B-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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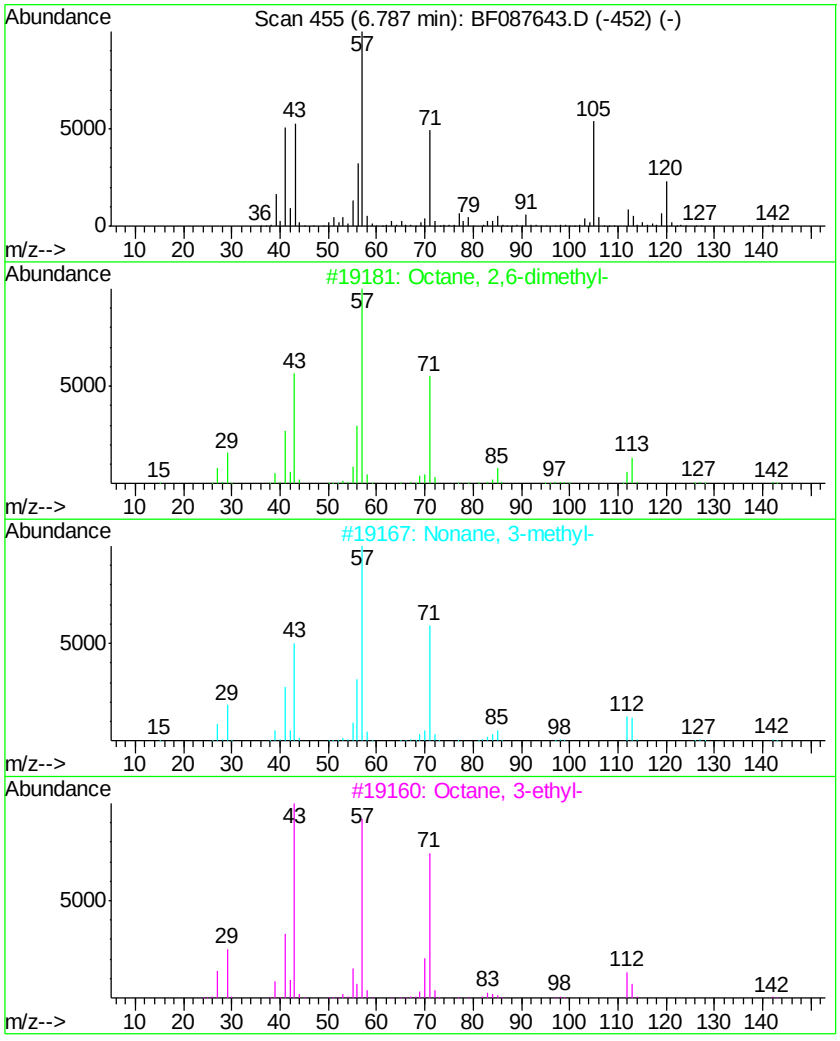
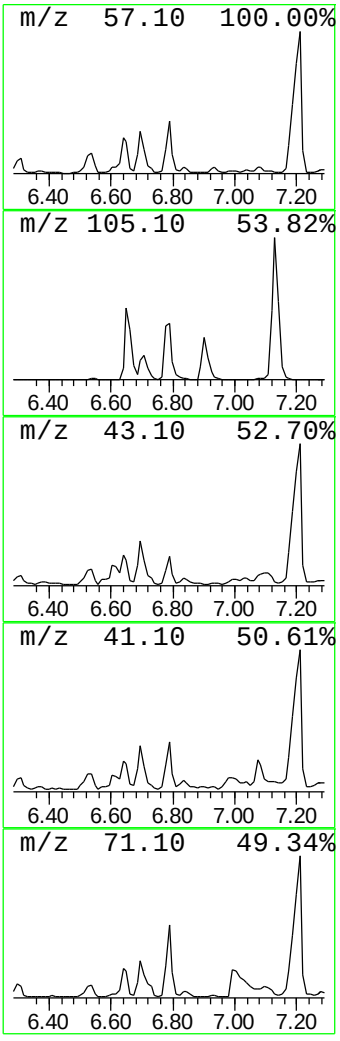
Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	37.41 ng	3738620	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	38
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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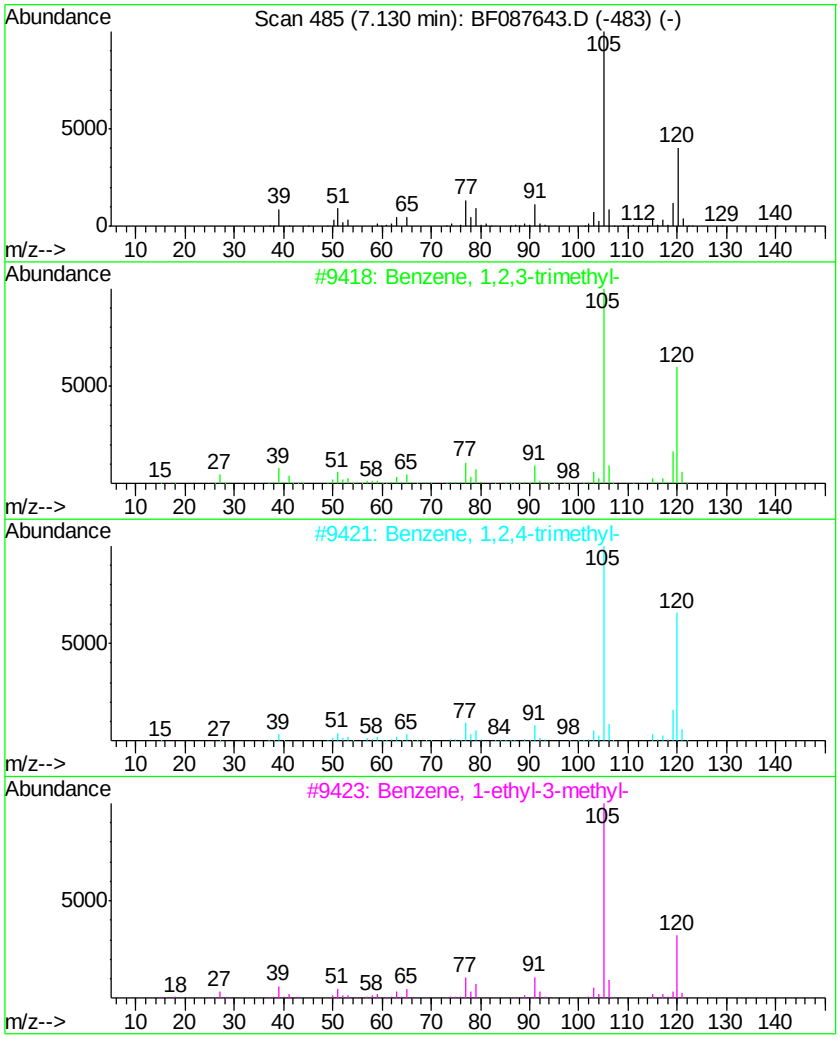
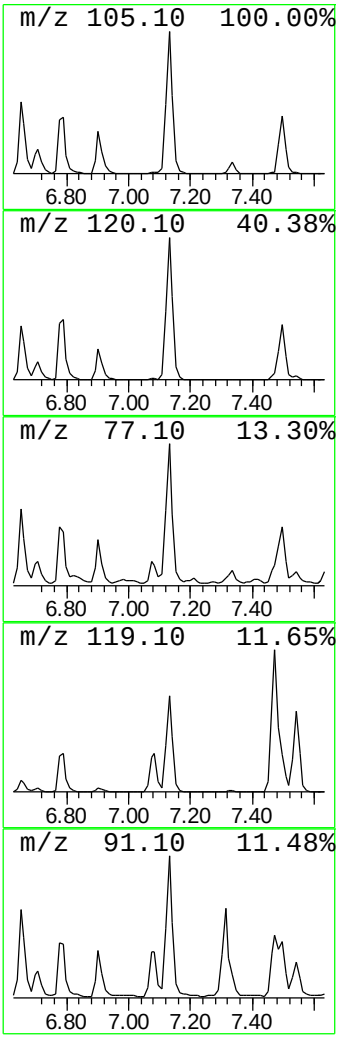
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	25.20 ng	2518440	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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ClientSampleId : B-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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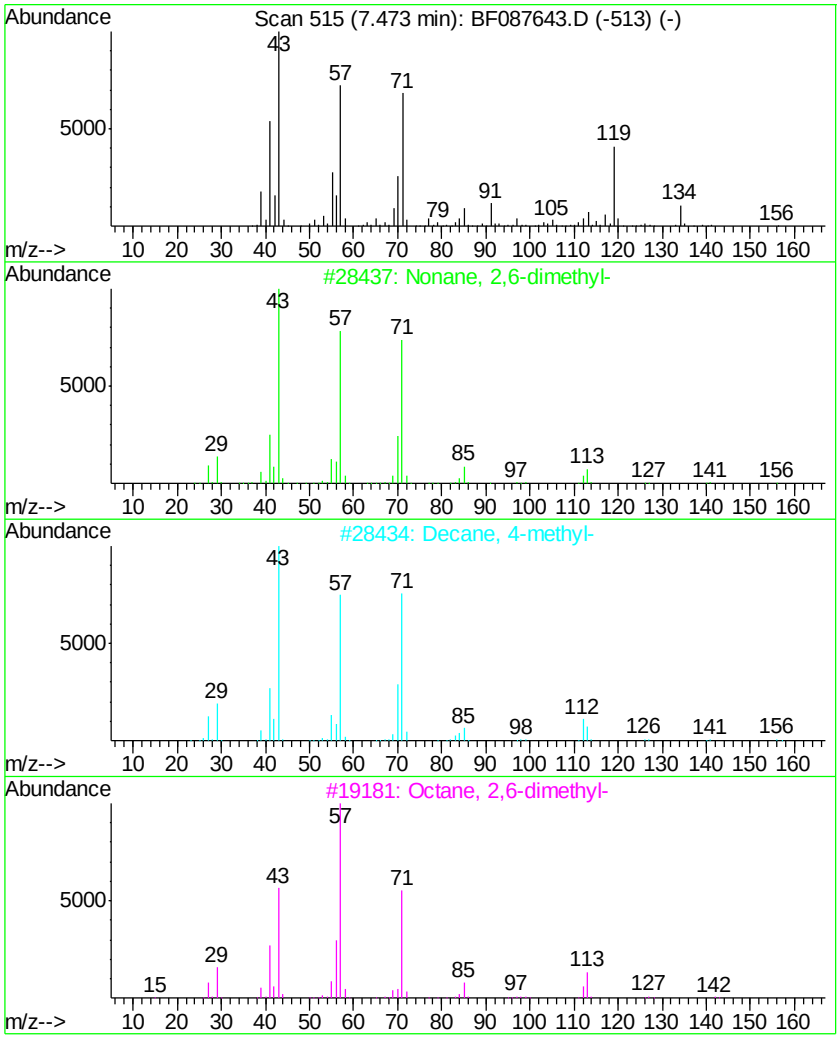
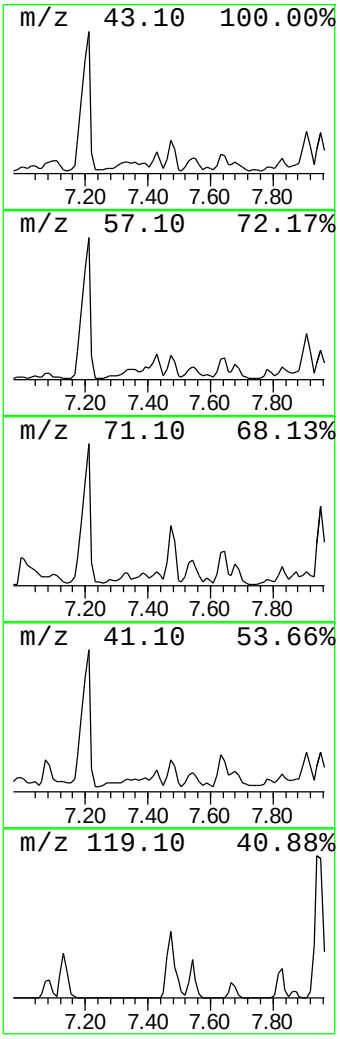
Peak Number 12 Nonane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	33.25 ng	3323700	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	55
2	Decane, 4-methyl-	156	C11H24	002847-72-5	38
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35
5	2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	35





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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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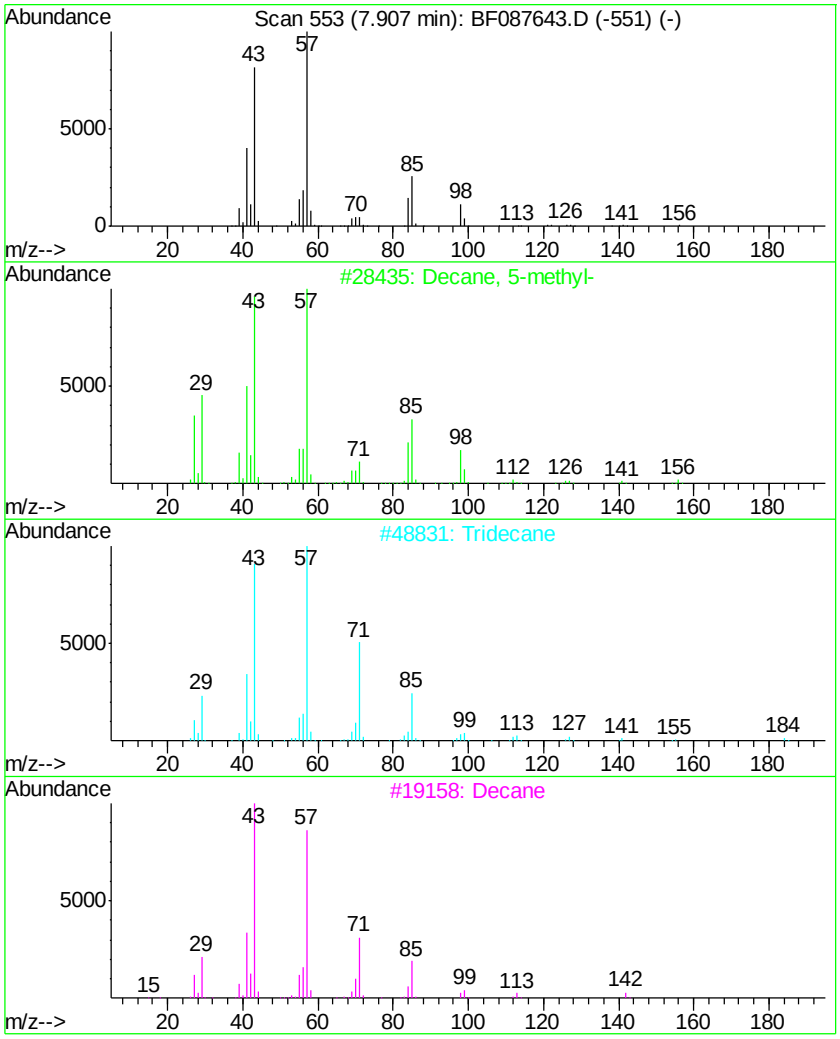
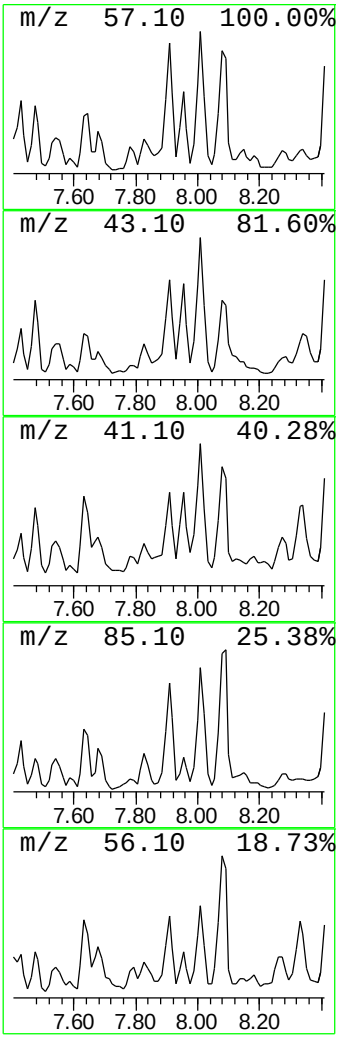
Peak Number 14 Decane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	27.63 ng	2761590	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	74
2	Tridecane	184	C13H28	000629-50-5	72
3	Decane	142	C10H22	000124-18-5	72
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
5	Nonane	128	C9H20	000111-84-2	72





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ClientSampleId : B-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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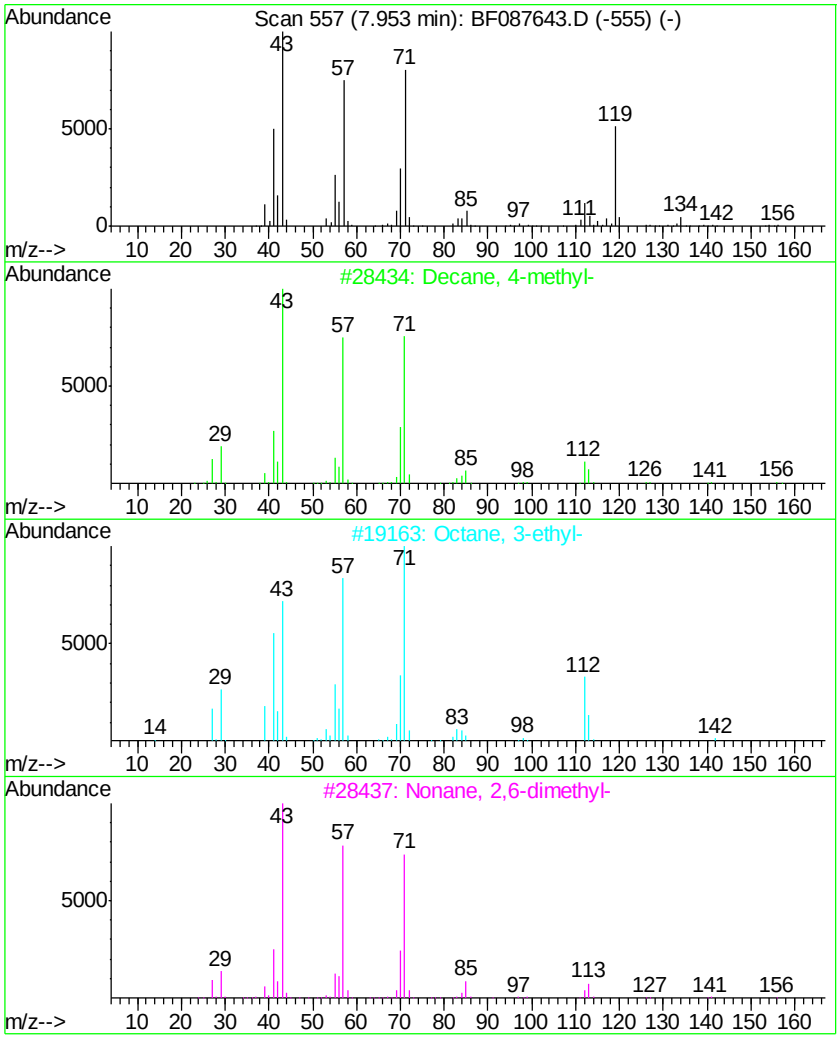
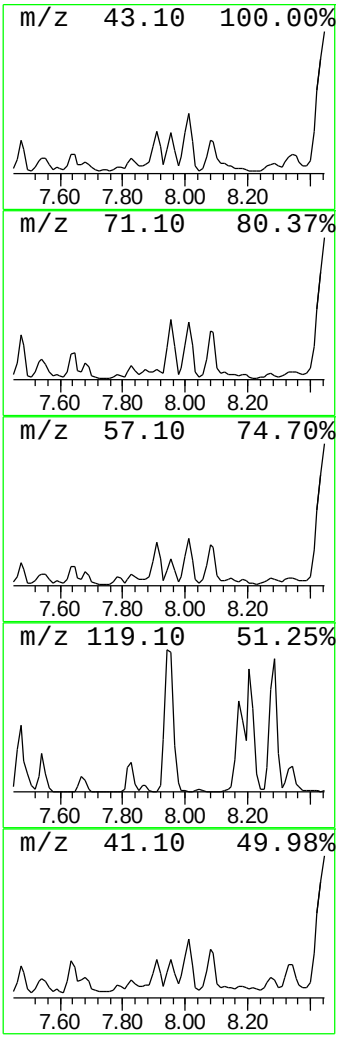
Peak Number 15 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	35.76 ng	3574210	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	70
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	53
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
4	Isobutyl 3-methylbutan-2-yl carb...	188	C10H20O3	1000372-77-0	47
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43





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Instrument : BNA_F
ClientSampleId : B-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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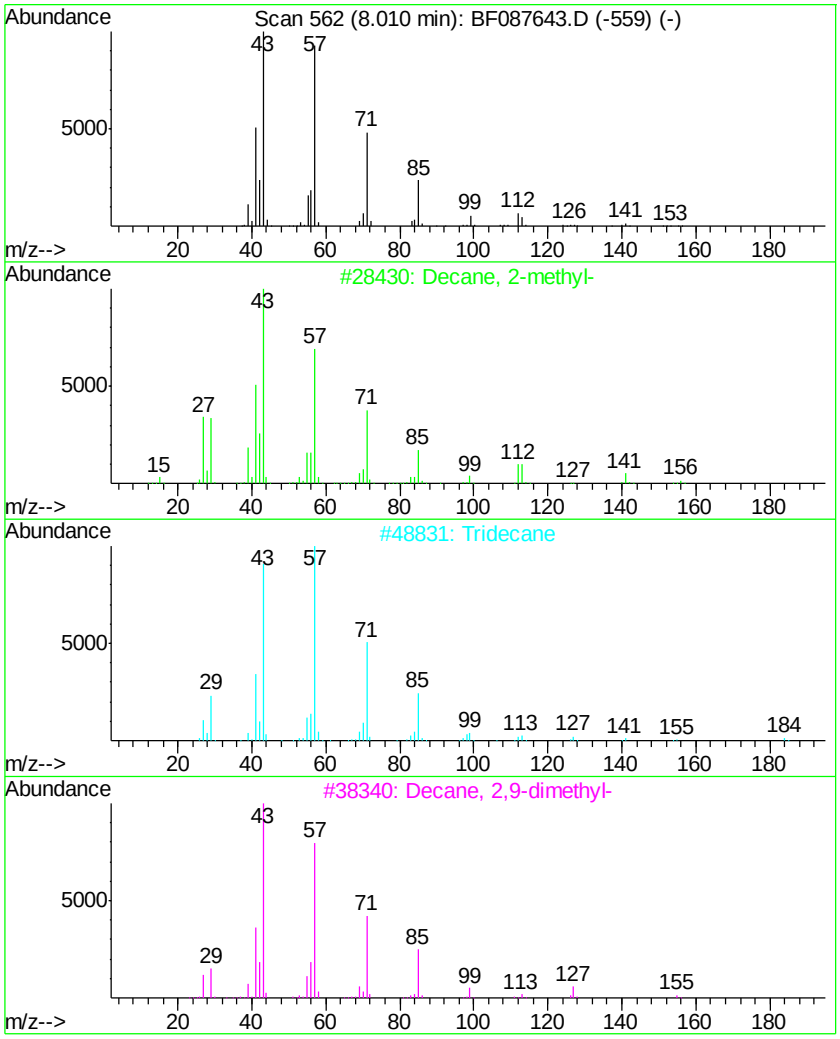
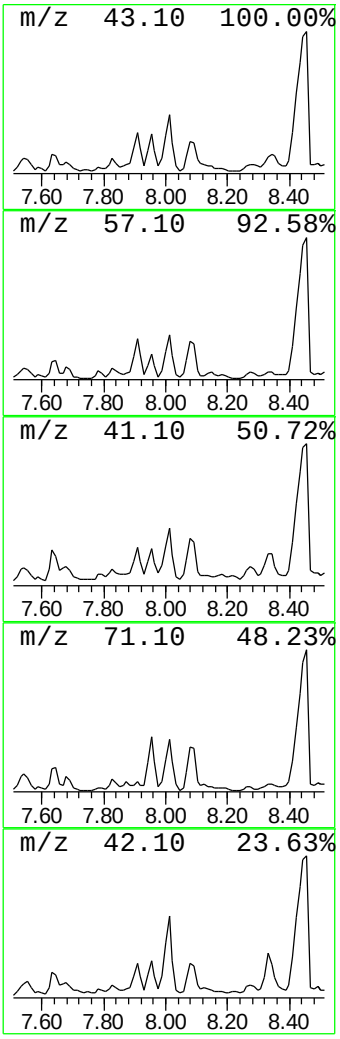
Peak Number 16 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	37.47 ng	3744660	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	83
2	Tridecane	184	C13H28	000629-50-5	78
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64





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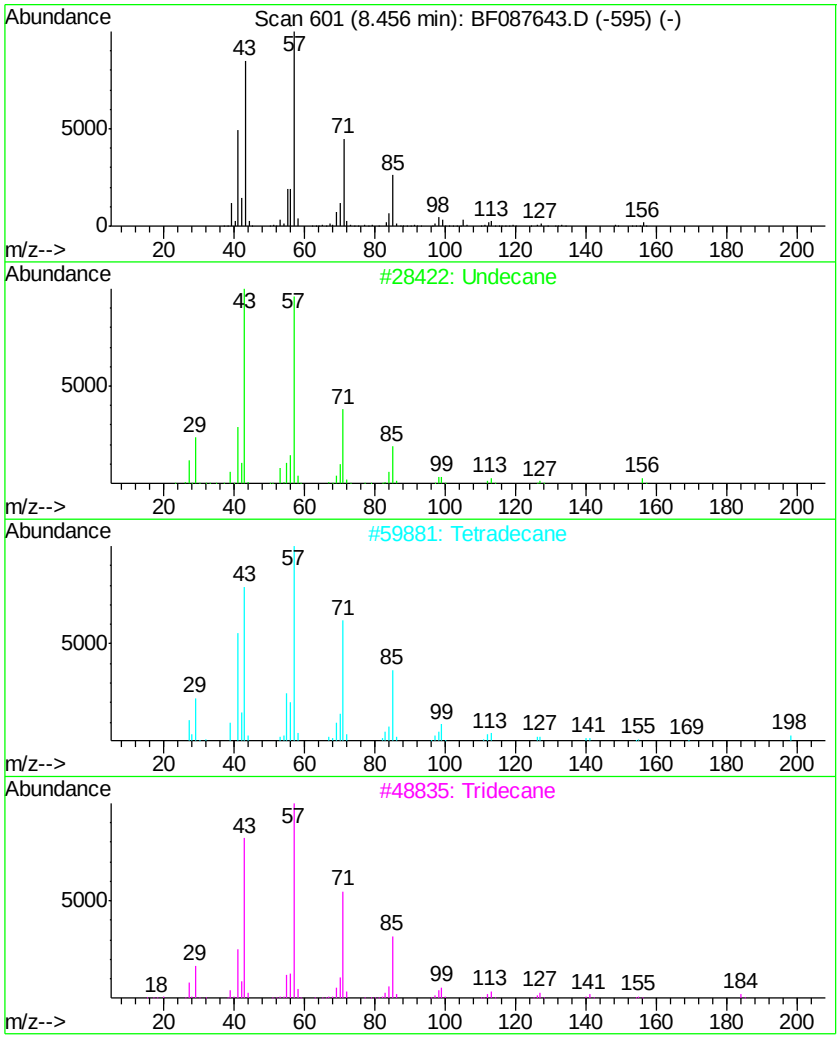
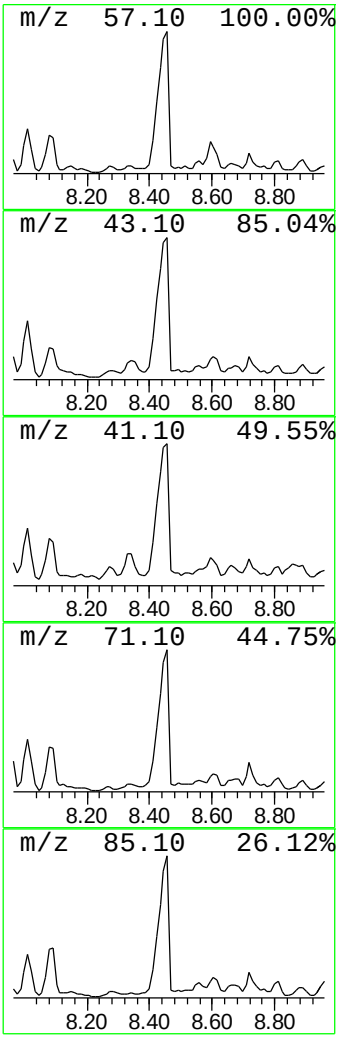
Peak Number 17 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	33.87 ng	16796500	Naphthalene-d8	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





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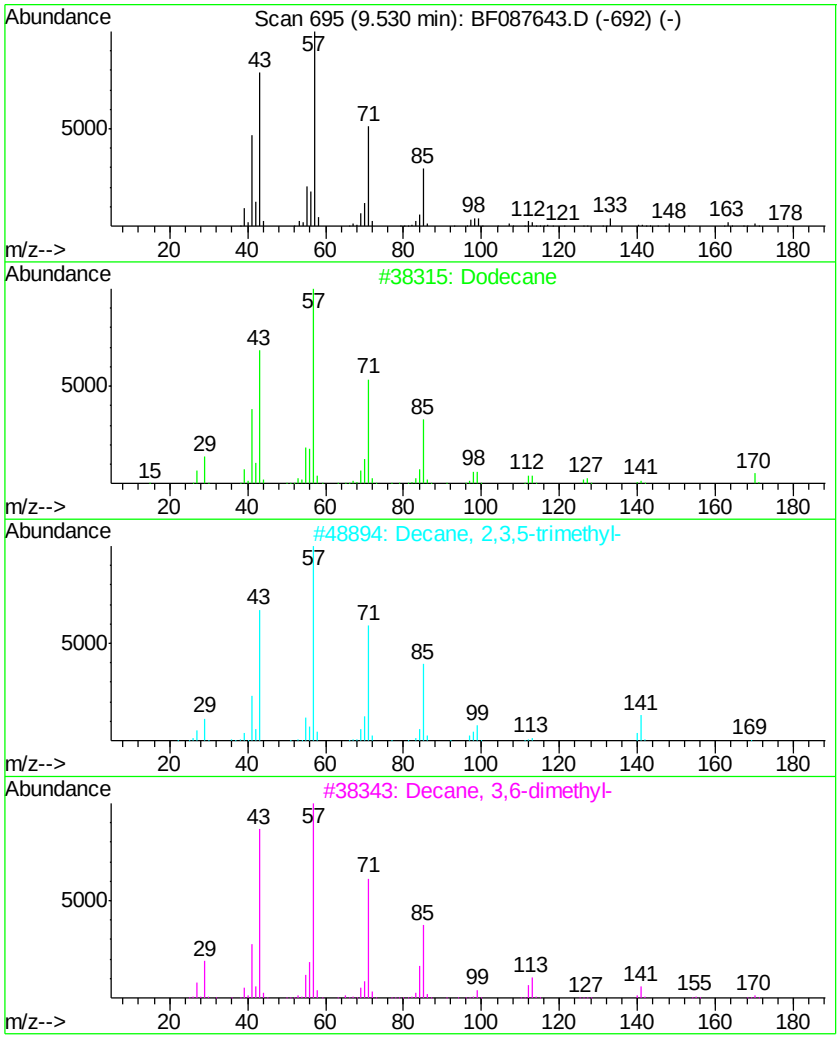
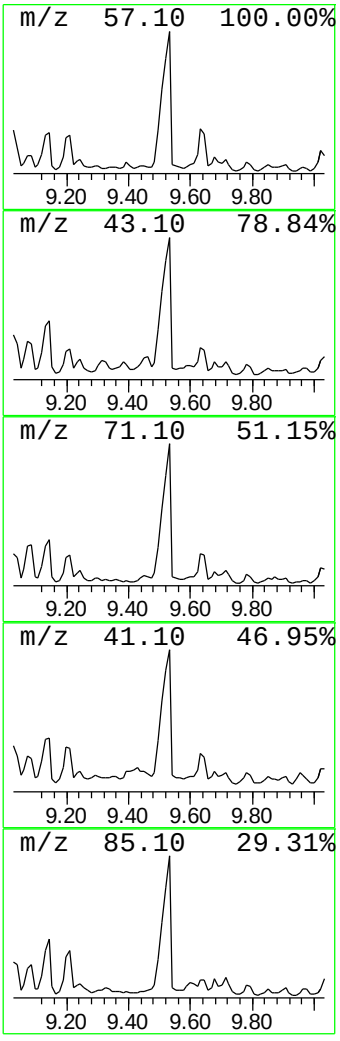
Peak Number 18 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	21.90 ng	10862100	Naphthalene-d8	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
4	Tetradecane	198	C14H30	000629-59-4	78
5	Hexadecane	226	C16H34	000544-76-3	78





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

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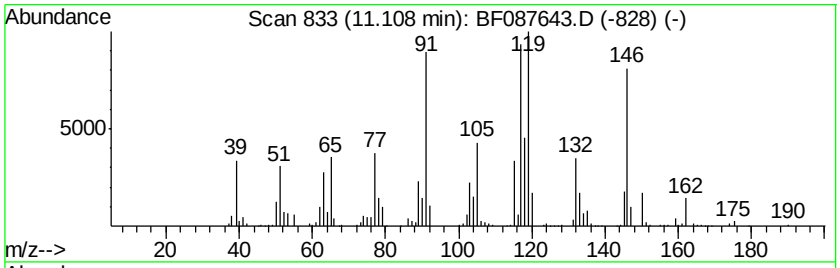
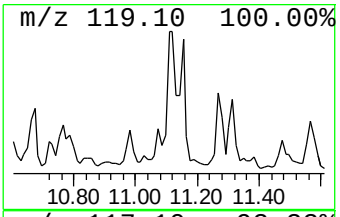
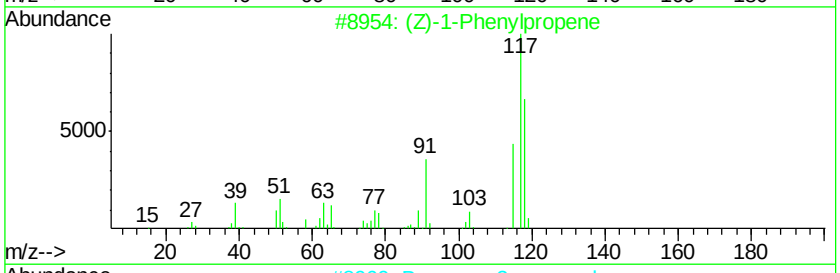
Peak Number 19 unknown11.11 Concentration Rank 13

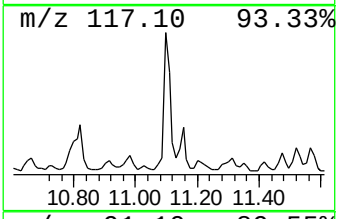
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	22.48 ng	1606360	Acenaphthene-d10	12.26

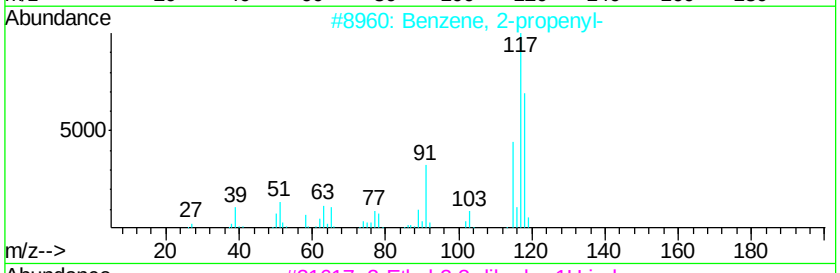
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	46
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
3	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	43
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	41
5	Coumarin	146	C9H6O2	000091-64-5	38

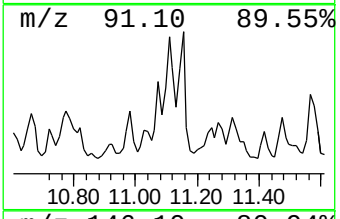


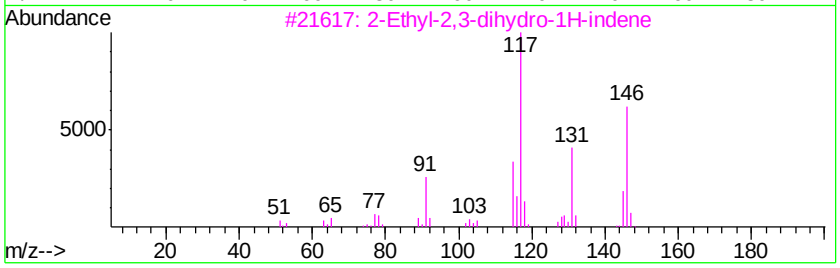


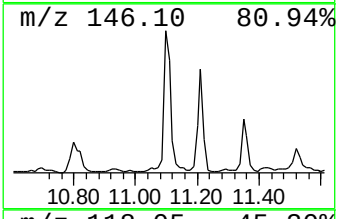


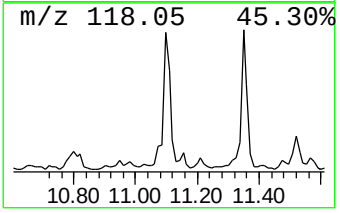












Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

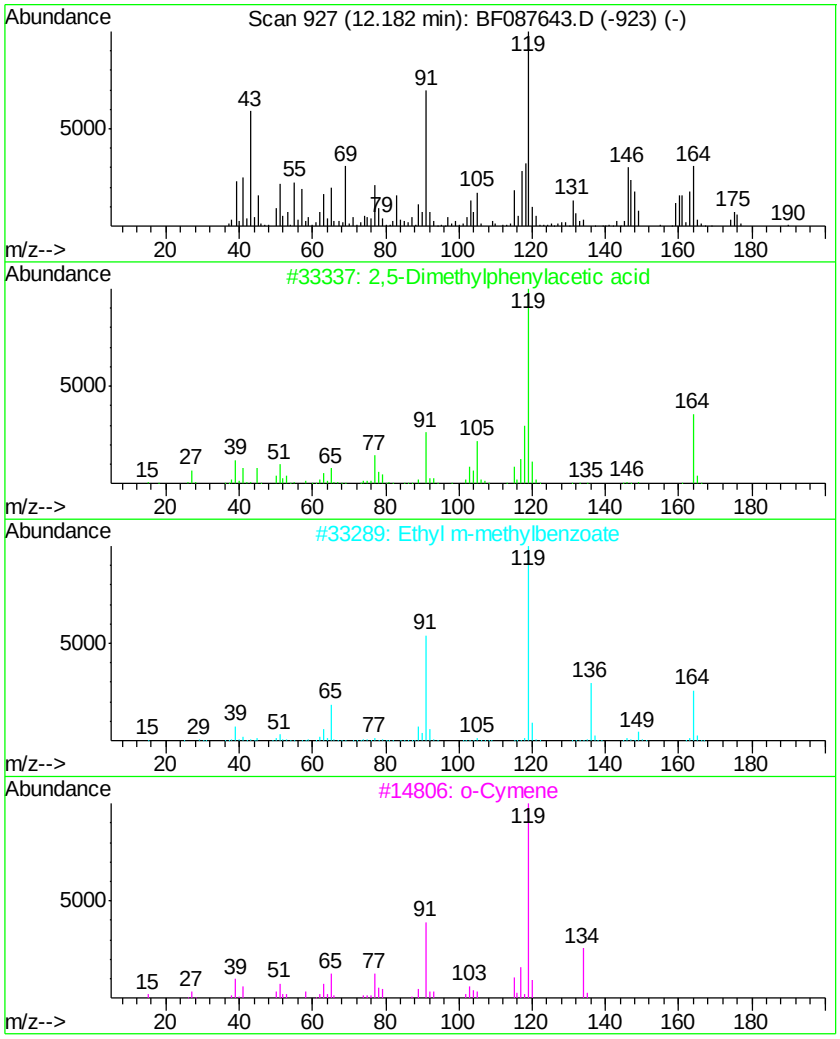
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

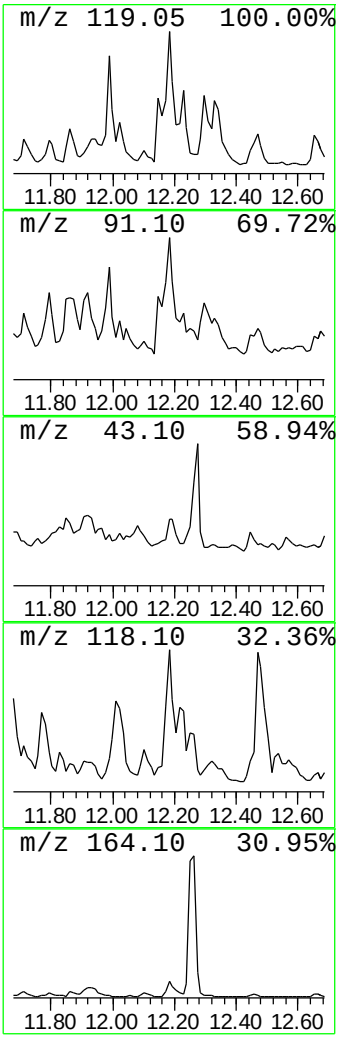
****

Peak Number 20 2,5-Dimethylphenylacetic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	14.99 ng	1071320	Acenaphthene-d10	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	53
2	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	46
3	o-Cymene	134	C10H14	000527-84-4	42
4	4-Toluoylacetonitrile	159	C10H9NO	007391-28-8	42
5	3-Benzofurancarboxylic acid, 2,3...	164	C9H8O3	039891-55-9	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087643.D
Acq On : 2 Jun 2016 12:17
Operator : UM/SJ
Sample : H3341-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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
Benzene, 1,3-dime...	5.14	16.9	ng	1689140	1	7.40	1998960	20.0
Nonane	5.69	52.5	ng	5244220	1	7.40	1998960	20.0
Cyclohexane, propyl-	6.18	15.2	ng	1519850	1	7.40	1998960	20.0
Nonane, 3-methyl-	6.23	17.9	ng	1788940	1	7.40	1998960	20.0
unknown6.54	6.54	19.4	ng	1935910	1	7.40	1998960	20.0
Benzene, 1-ethyl-...	6.65	25.0	ng	2494590	1	7.40	1998960	20.0
Nonane, 2-methyl-	6.70	33.5	ng	3347650	1	7.40	1998960	20.0
Octane, 2,6-dimet...	6.79	37.4	ng	3738620	1	7.40	1998960	20.0
Benzene, 1,2,3-tr...	7.13	25.2	ng	2518440	1	7.40	1998960	20.0
Nonane, 2,6-dimet...	7.47	33.3	ng	3323700	1	7.40	1998960	20.0
Decane, 5-methyl-	7.91	27.6	ng	2761590	1	7.40	1998960	20.0
Decane, 4-methyl-	7.95	35.8	ng	3574210	1	7.40	1998960	20.0
Decane, 2-methyl-	8.01	37.5	ng	3744660	1	7.40	1998960	20.0
Undecane	8.46	33.9	ng	16796500	2	9.44	9919660	20.0
Dodecane	9.53	21.9	ng	10862100	2	9.44	9919660	20.0
unknown11.11	11.11	22.5	ng	1606360	3	12.26	1429300	20.0
2,5-Dimethylpheny...	12.18	15.0	ng	1071320	3	12.26	1429300	20.0