LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

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-BF011923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.884	3	8	13	rVB	1319825	2297570	13.05%	0.509%
2	3.484	91	110	117	rVB	1990031	5107773	29.02%	1.132%
3	3.825	154	168	182	rBV3	808721	1989649	11.30%	0.441%
4	3.966	182	192	196	rBV3	907489	1783187	10.13%	0.395%
5	4.260	235	242	249	rVB2	3706318	7637997	43.39%	1.692%
6	4.343	249	256	258	rBV2	751564	1201894	6.83%	0.266%
7	4.384	258	263	268	rVB	2920612	4500210	25.56%	0.997%
8	4.525	277	287	290	rBV2	3569164	5486192	31.17%	1.215%
9	4.566	290	294	297	rBV	1766198	1917320	10.89%	0.425%
10	4.654	302	309	312	rBV	1937650	2788321	15.84%	0.618%
11	4.701	312	317	323	rVB2	1758470	3391984	19.27%	0.751%
12	4.819	329	337	340	rBV2	6021803	11590542	65.84%	2.568%
13	4.919	347	354	361	rBV3	3394904	5285414	30.02%	1.171%
14	5.054	373	377	380	rBV	1163770	1450506	8.24%	0.321%
15	5.095	380	384	387	rVB	1316006	1556220	8.84%	0.345%
16	5.142	387	392	395	rBV2	1376225	1897781	10.78%	0.420%
17	5.201	395	402	408	rVB2	3475061	5646958	32.08%	1.251%
18	5.278	408	415	417	rBV2	4010110	6737009	38.27%	1.493%
19	5.307	417	420	423	rVB	4315945	4937241	28.05%	1.094%
20	5.360	423	429	431	rBV2	4480035	5964157	33.88%	1.321%
21	5.407	434	437	441	rVB3	1897982	2215435	12.59%	0.491%
22	5.448	441	444	446	rBV2	1891108	1894608	10.76%	0.420%
23	5.542	454	460	463	rBV2	3725379	6557462	37.25%	1.453%
24	5.572	463	465	468	rVB2	1730186	1865544	10.60%	0.413%
25	5.613	468	472	476	rBV2	4713540	8102190	46.03%	1.795%
26	5.648	476	478	481	rVB	3575592	3416835	19.41%	0.757%
27	5.725	484	491	497	rVB3	9269294	17603507	100.00%	3.900%
28	5.825	504	508	510	rBV	2280376	2413507	13.71%	0.535%
29	5.889	516	519	525	rVB4	3020580	4813175	27.34%	1.066%
30	5.937	525	527	529	rBV	3508831	3052447	17.34%	0.676%
31	5.978	529	534	537	rBV2	3027443	4145817	23.55%	0.918%
32	6.031	537	543	546	rVB2	7529928	11607859	65.94%	2.572%
33	6.113	552	557	559	rBV3	1713704	2340899	13.30%	0.519%
34	6.148	559	563	565	rVB3	3826206	4540452	25.79%	1.006%
35	6.178	565	568	570	rBV	2406126	2214940	12.58%	0.491%
36	6.195	570	571	575	rVB3	1297817	1553865	8.83%	0.344%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

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-BF011923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.254	575	581	582	rBV2	2561650	3313587	18.82%	0.734%
38	6.278	582	585	587	rVB	5941859	5323769	30.24%	1.179%
39	6.307	587	590	593	rVB3	2027948	2063646	11.72%	0.457%
40	6.360	593	599	605	rBV4	7767026	15863962	90.12%	3.514%
41	6.413	605	608	610	rVB2	2657895	2226446	12.65%	0.493%
42	6.548	625	631	632	rBV3	3491825	6623255	37.62%	1.467%
43	6.607	638	641	643	rVB	4004002	3928882	22.32%	0.870%
44	6.637	643	646	649	rBV3	7804918	9598853	54.53%	2.127%
45	6.666	649	651	653	rVB	4382403	3863935	21.95%	0.856%
46	6.695	653	656	657	rBV	4120072	3945326	22.41%	0.874%
47	6.766	664	668	669	rBV2	1919164	1948540	11.07%	0.432%
48	6.789	669	672	675	rVV2	4048590	5177246	29.41%	1.147%
49	6.848	677	682	687	rVV5	3073795	7278288	41.35%	1.612%
50	6.889	687	689	693	rVV4	2118213	3250719	18.47%	0.720%
51	6.942	693	698	701	rVV2	11184624	17463111	99.20%	3.869%
52	6.966	701	702	705	rVB2	1965232	1503676	8.54%	0.333%
53	7.066	713	719	723	rVV6	2059655	5276467	29.97%	1.169%
54	7.113	723	727	729	rVV2	4771125	6534518	37.12%	1.448%
55	7.136	729	731	732	rVV	1441846	1284068	7.29%	0.284%
56	7.166	732	736	740	rVV2	4945699	6718315	38.16%	1.488%
57	7.213	741	744	747	rVV3	1743686	2302194	13.08%	0.510%
58	7.254	747	751	754	rVV4	4189152	6336657	36.00%	1.404%
59	7.284	754	756	761	rVB2	3444780	3556725	20.20%	0.788%
60	7.348	765	767	769	rVV	2496881	2388871	13.57%	0.529%
61	7.378	769	772	774	rVV2	5784774	5509074	31.30%	1.220%
62	7.401	774	776	777	rVV	1864227	1412859	8.03%	0.313%
63	7.425	777	780	786	rVB2	8953513	12061575	68.52%	2.672%
64	7.489	786	791	797	rBV3	3741143	8554950	48.60%	1.895%
65	7.566	802	804	806	rBV	2555131	2438024	13.85%	0.540%
66	7.595	806	809	811	rVB	3269002	2811750	15.97%	0.623%
67	7.642	811	817	819	rBV	8002855	10111082	57.44%	2.240%
68	7.678	820	823	825	rVV2	5369121	5294760	30.08%	1.173%
69	7.701	825	827	830	rVB	7884875	6940618	39.43%	1.538%
70	7.748	830	835	839	rBV6	3914692	6022789	34.21%	1.334%
71	7.789	839	842	843	rBV	3140121	3271913	18.59%	0.725%
72	7.872	854	856	858	rBV	3442495	2890340	16.42%	0.640%
73	7.901	858	861	863	rVV2	3892772	3068371	17.43%	0.680%
74	7.983	871	875	877	rBV3	2450449	3480957	19.77%	0.771%
75	8.007	877	879	881	rVB	3721454	2892868	16.43%	0.641%
76	8.036	881	884	885	rBV2	4282265	3641475	20.69%	0.807%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

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
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77	8.060	885	888	892	rVV3	4297742	4907556	27.88%	1.087%
78	8.101	892	895	896	rVV2	1206297	1330791	7.56%	0.295%
79	8.131	896	900	902	rVV2	7656531	8340511	47.38%	1.848%
80	8.201	908	912	914	rVB2	2448026	2898478	16.47%	0.642%
81	8.248	918	920	924	rVB	2476059	2409491	13.69%	0.534%
82	8.319	928	932	933	rBV3	1327007	1514908	8.61%	0.336%
83	8.360	933	939	941	rVV2	6377808	8481958	48.18%	1.879%
84	8.378	941	942	944	rVV	4092429	2837994	16.12%	0.629%
85	8.413	944	948	950	rVV2	4778041	7865217	44.68%	1.742%
86	8.431	950	951	954	rVB	5583200	3755186	21.33%	0.832%
87	8.466	954	957	963	rVB3	2742160	3004993	17.07%	0.666%
88	8.542	963	970	972	rBV5	1302831	2107736	11.97%	0.467%
89	8.625	981	984	987	rBV3	1046541	1211233	6.88%	0.268%
90	8.666	987	991	995	rVB3	2724959	3677634	20.89%	0.815%
91	8.848	1019	1022	1026	rVB	1743116	1602303	9.10%	0.355%
92	8.883	1026	1028	1033	rBV3	1400031	1517923	8.62%	0.336%
93	8.960	1038	1041	1046	rVB3	2851788	2793143	15.87%	0.619%
94	9.101	1062	1065	1067	rVB	5625828	4917689	27.94%	1.089%
95	9.195	1079	1081	1084	rVV	2720099	2238916	12.72%	0.496%
96	9.454	1121	1125	1128	rVB	4797456	3971227	22.56%	0.880%
97	10.142	1239	1242	1245	rVB	1478054	1202110	6.83%	0.266%
98	10.930	1372	1376	1380	rBV	3334164	3169486	18.00%	0.702%
99	11.636	1493	1496	1499	rVB	1686380	1462660	8.31%	0.324%
100	13.230	1763	1767	1771	rBV	4533768	4487087	25.49%	0.994%

Sum of corrected areas: 451387158

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132182.D
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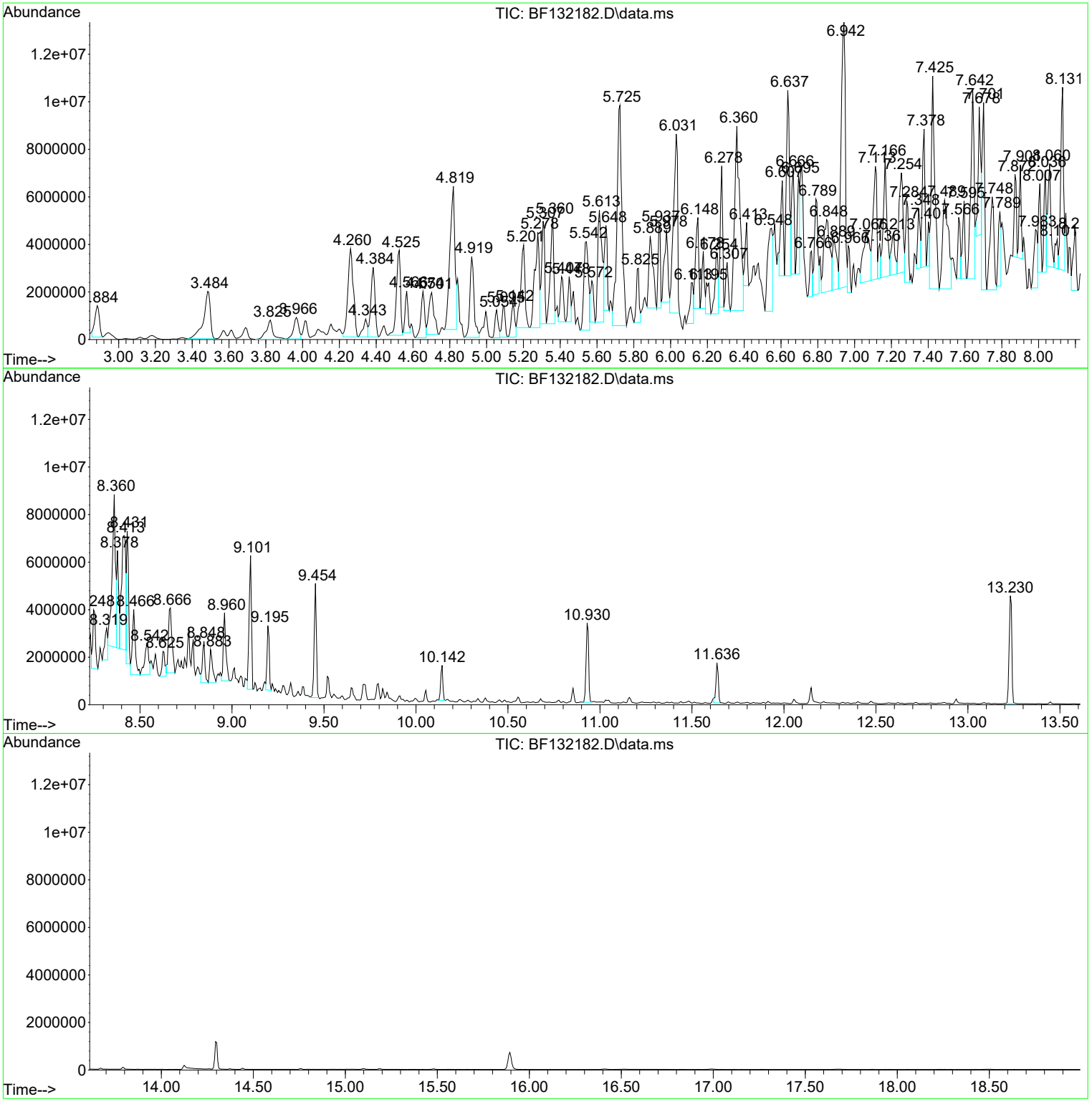
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

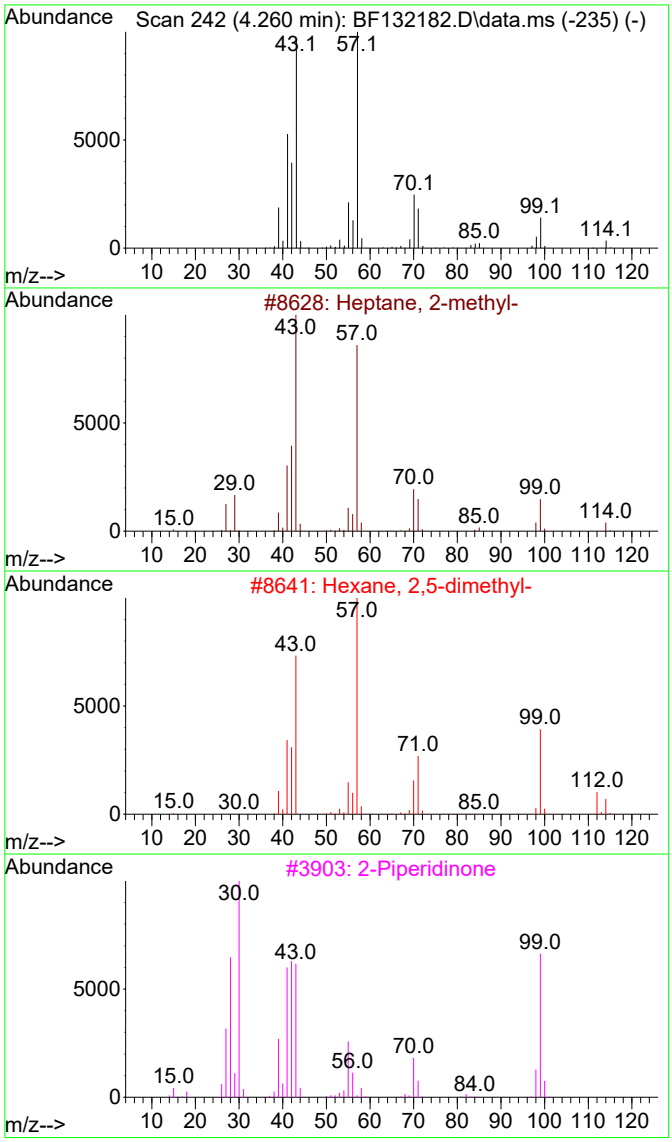
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

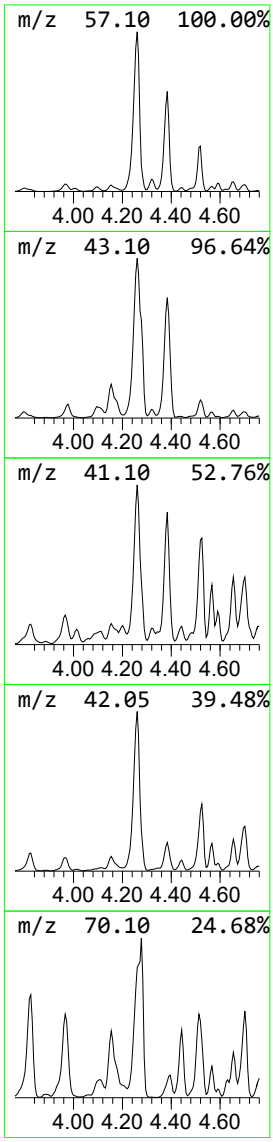
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.260	23.38 ng	7638000	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3	2-Piperidinone	99	C5H9NO	000675-20-7	47
4	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	47
5	Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

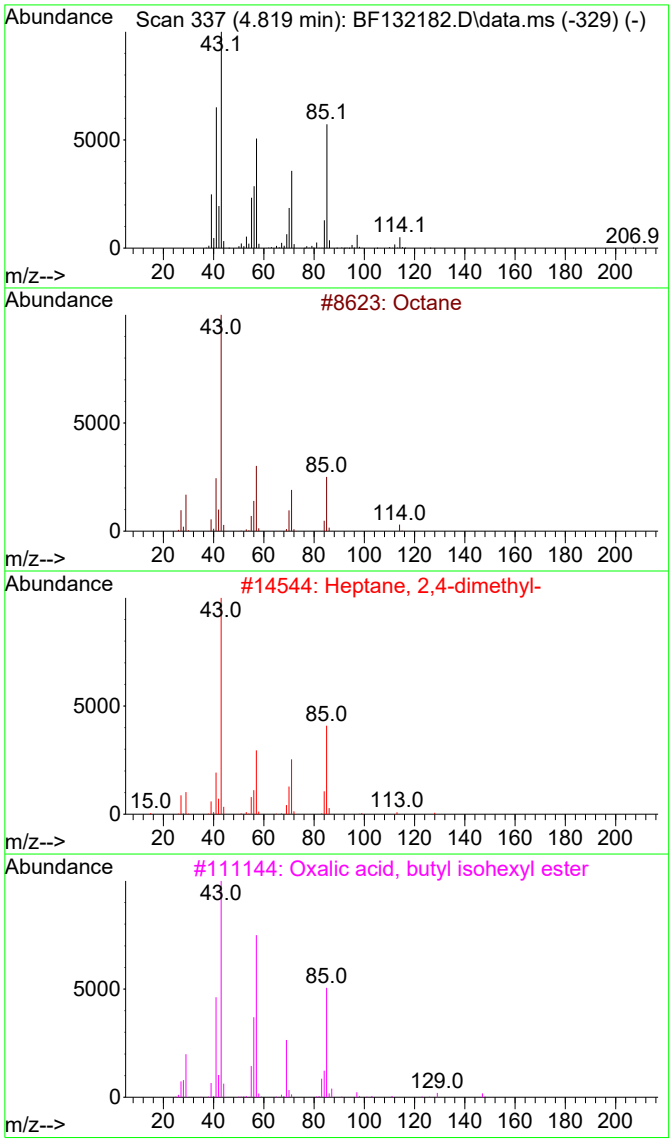
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

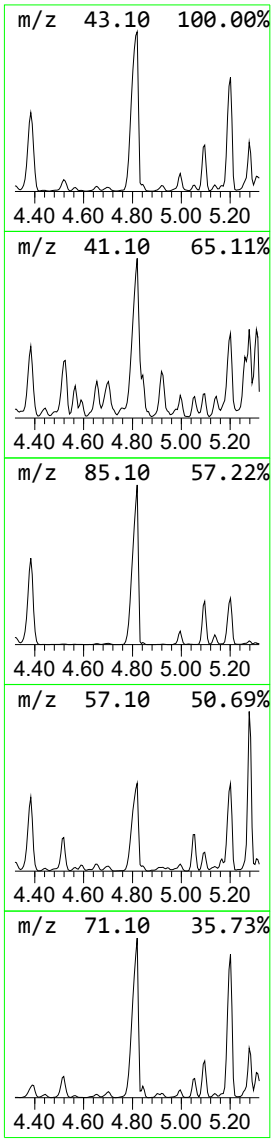
****

Peak Number 2 Octane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.819	35.47 ng	11590500	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53





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ALS Vial : 20 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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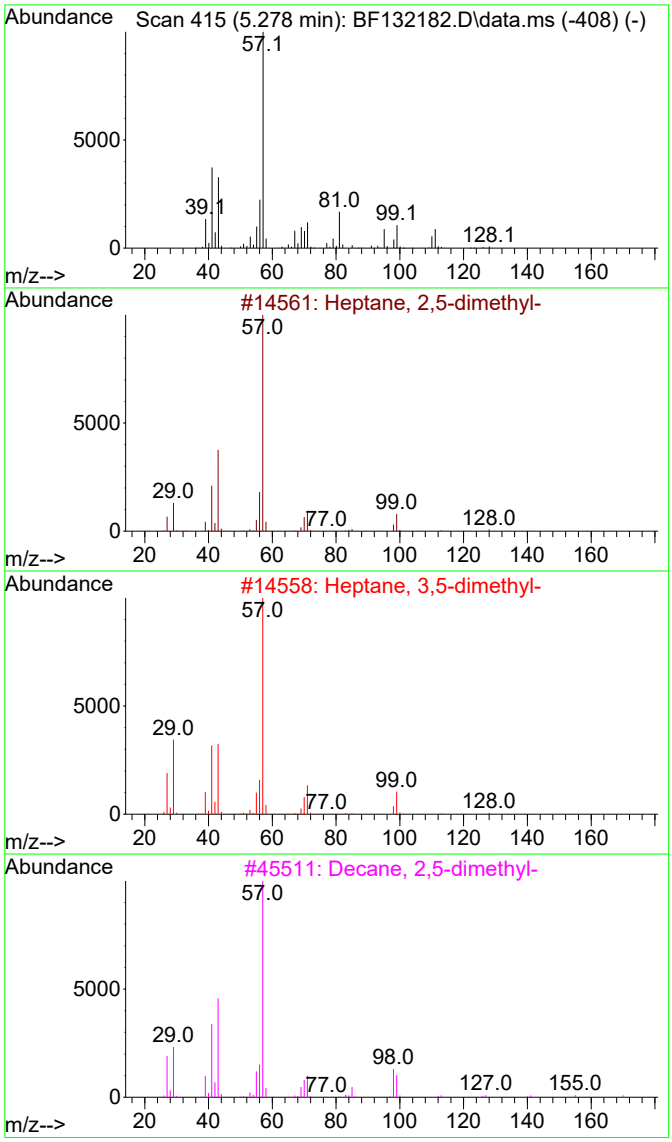
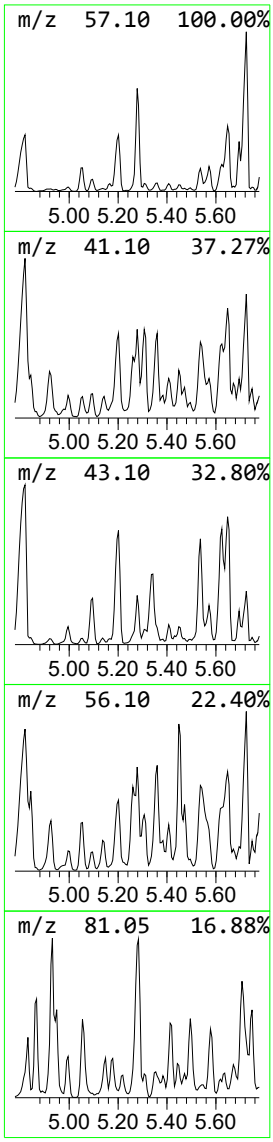
Peak Number 3 Heptane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.278	20.62 ng	6737010	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	49
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47
4	Octane, 3-methyl-	128	C9H20	002216-33-3	47
5	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	43





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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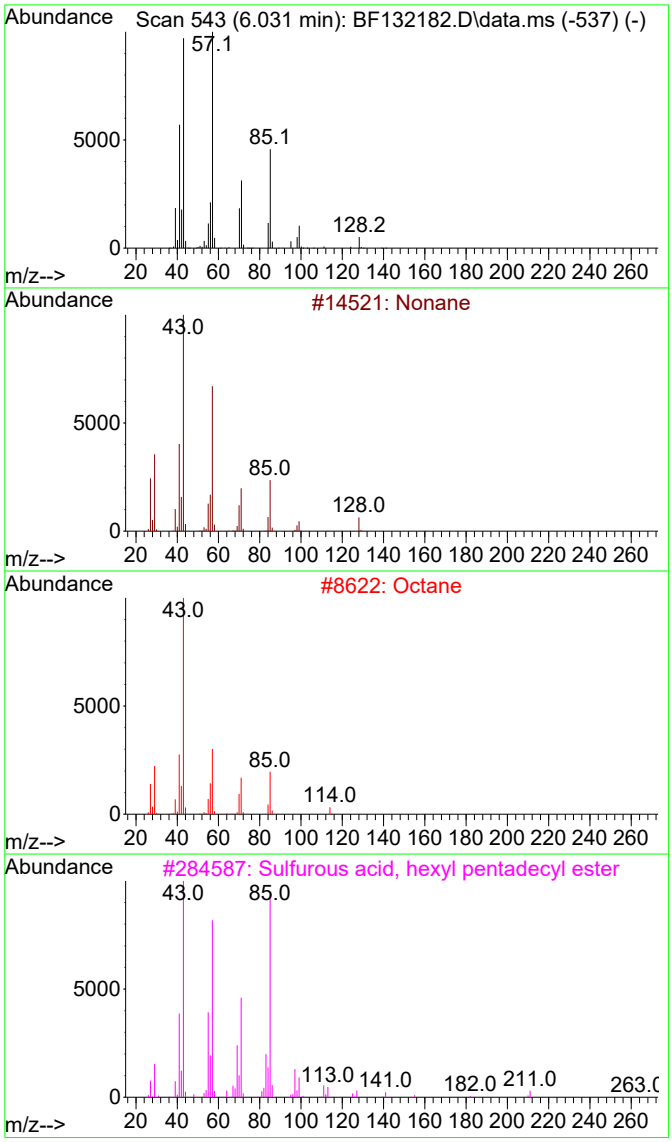
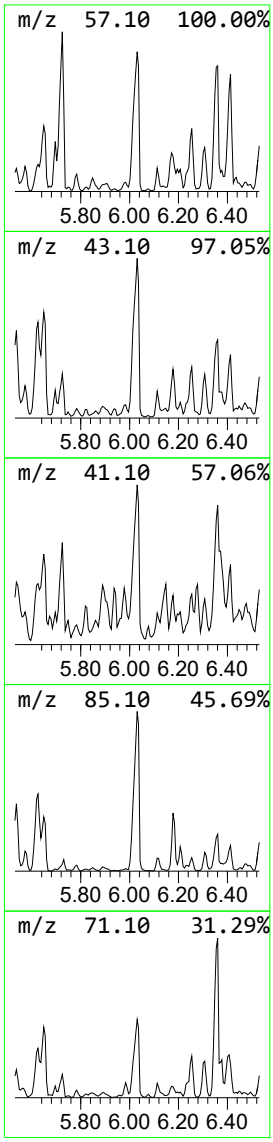
Peak Number 5 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.031	35.53 ng	11607900	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Octane	114	C8H18	000111-65-9	72
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	72
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	72
5	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	64





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Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

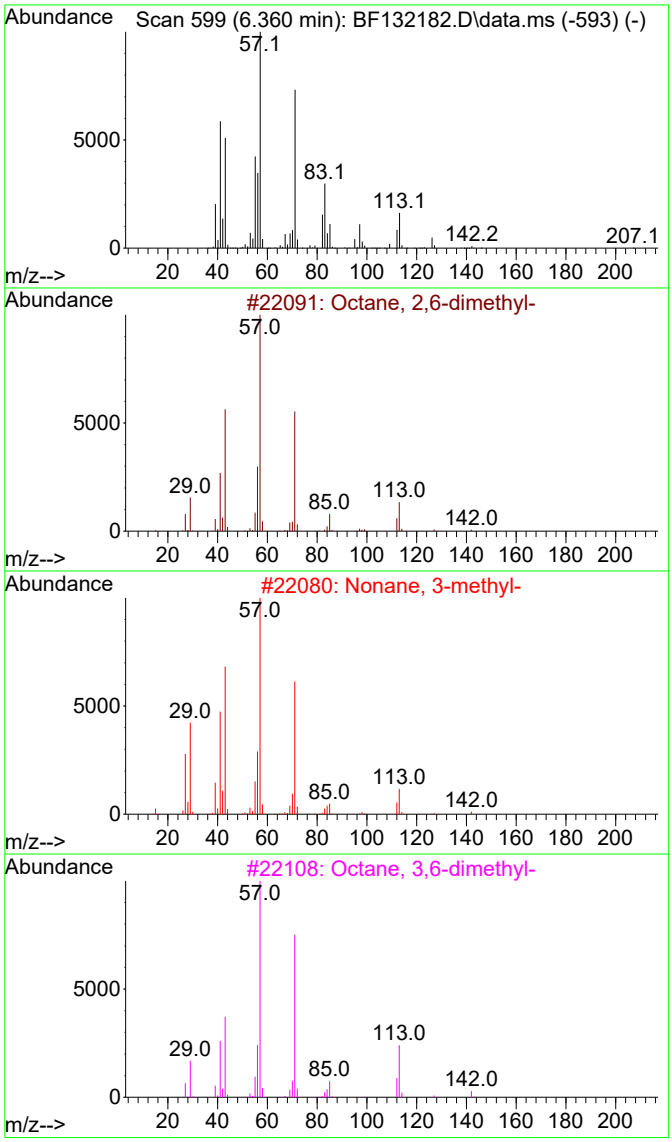
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

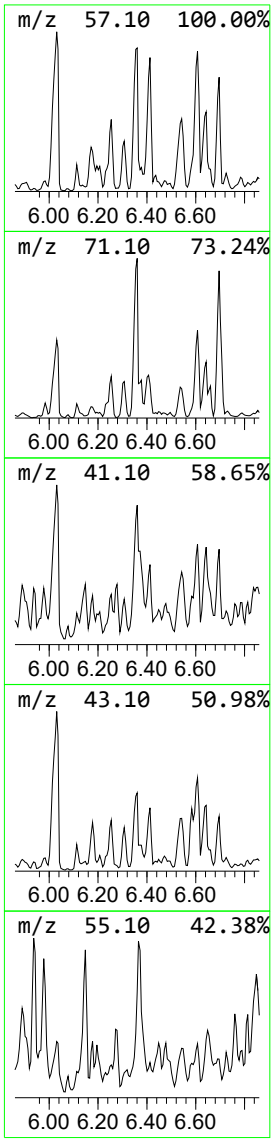
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.360	48.55 ng	15864000	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





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Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

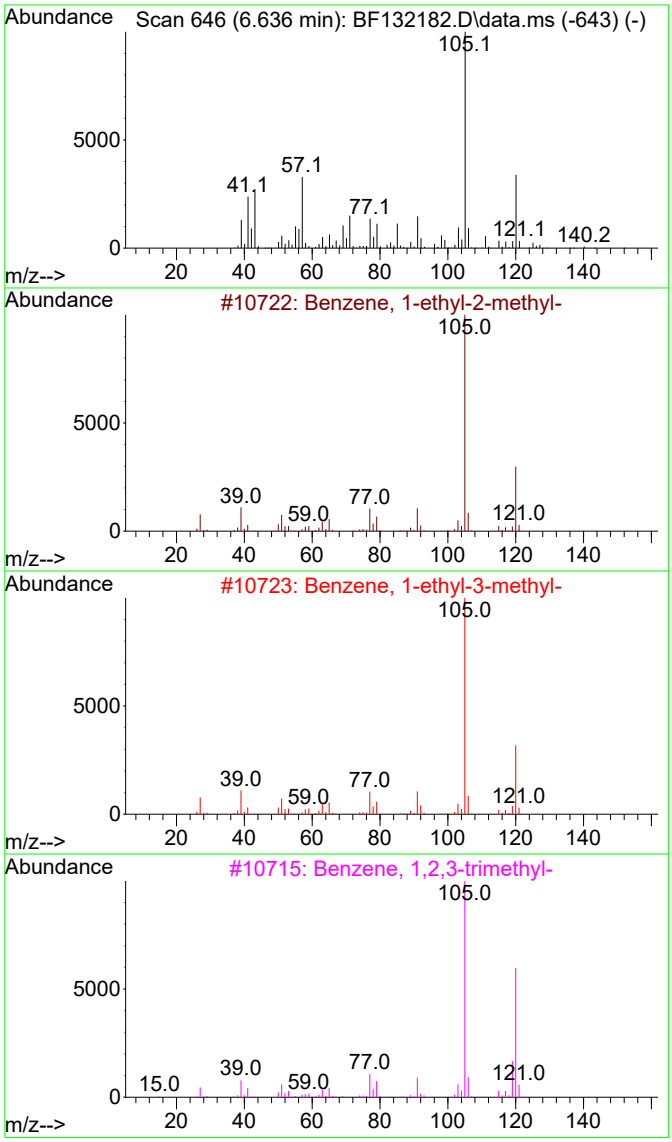
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

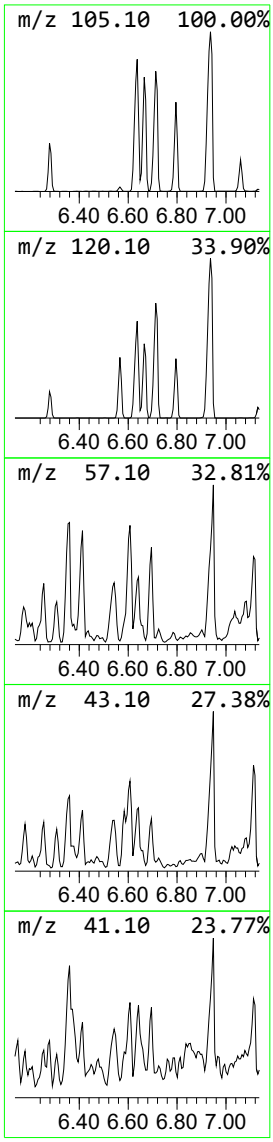
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.636	29.38 ng	9598850	1,4-Dichlorobenzene-d4	7.101

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	86
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5	Mesitylene	120	C9H12	000108-67-8	70





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Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

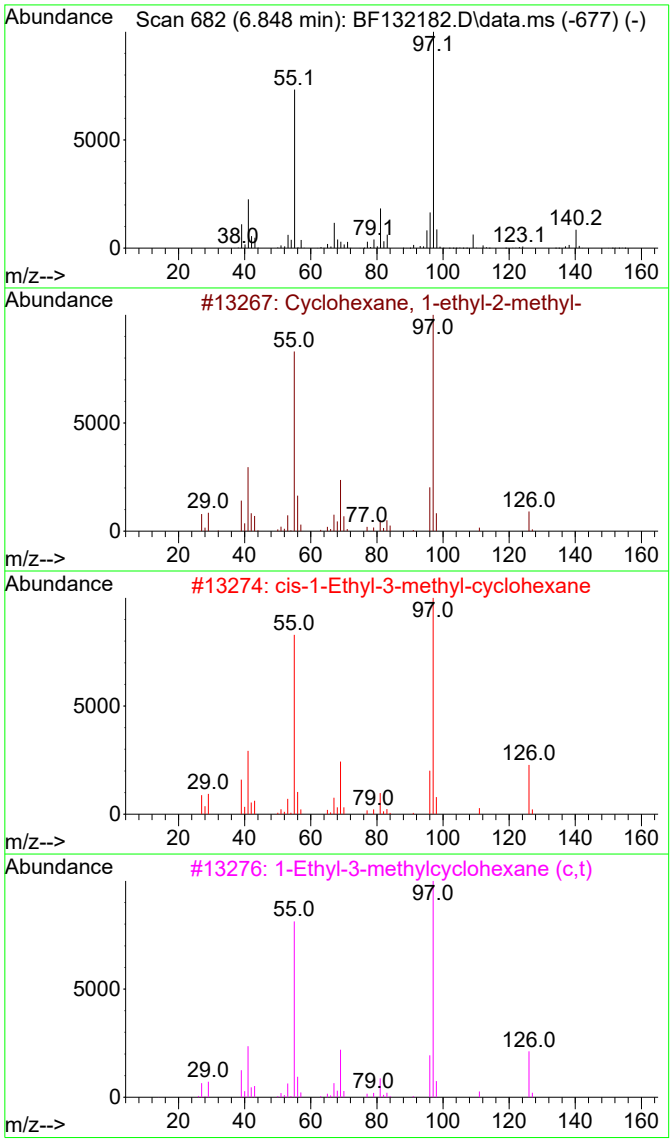
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

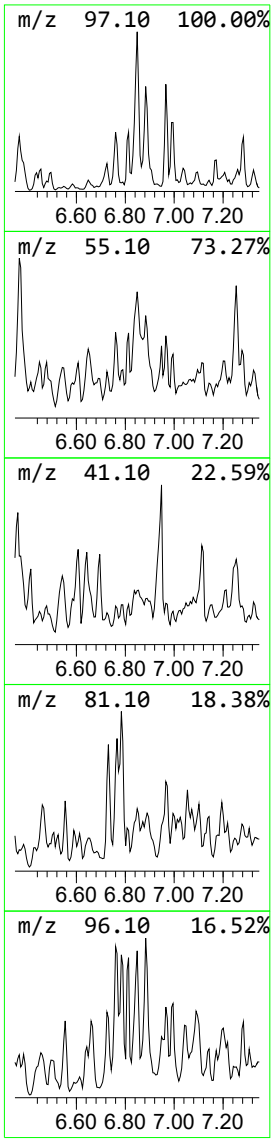
****

Peak Number 8 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.848	22.28 ng	7278290	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64





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Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

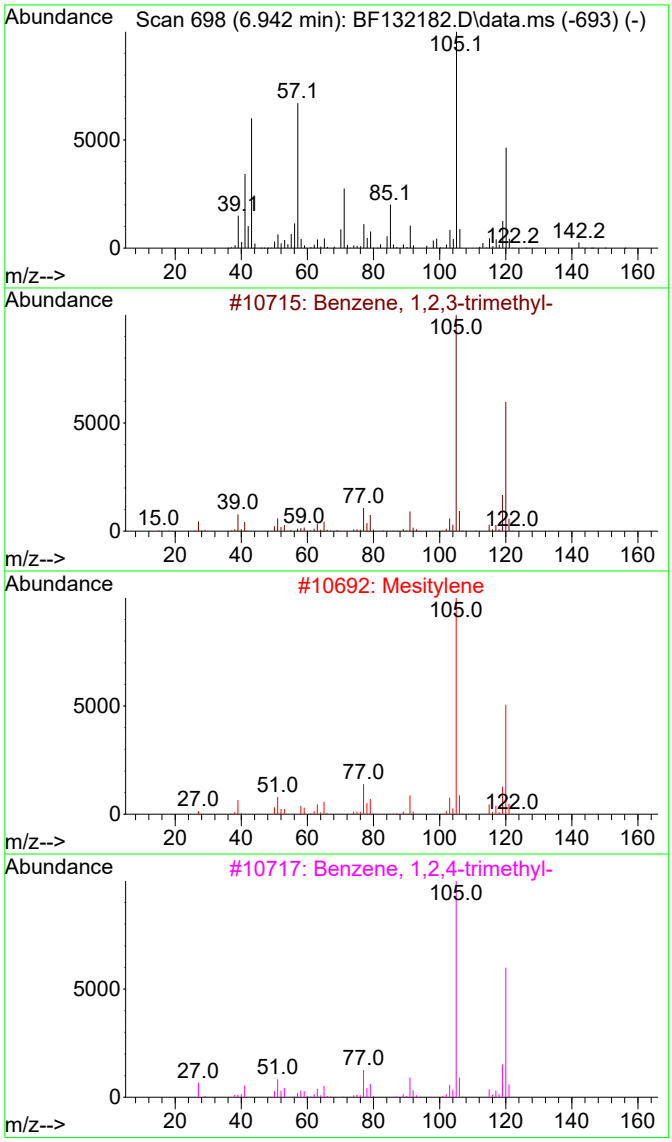
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

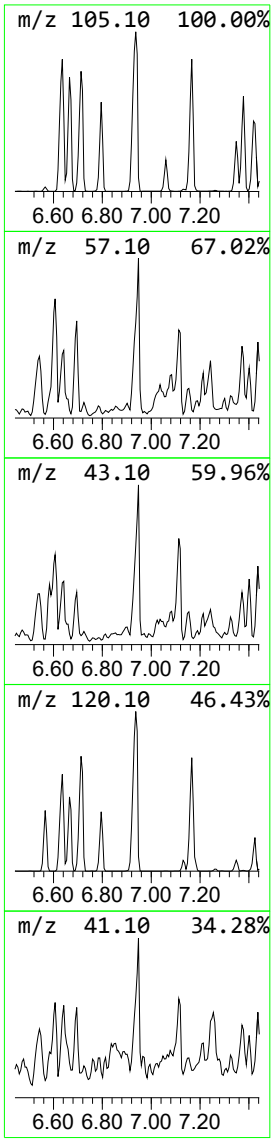
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.942	53.45 ng	17463100	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64





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Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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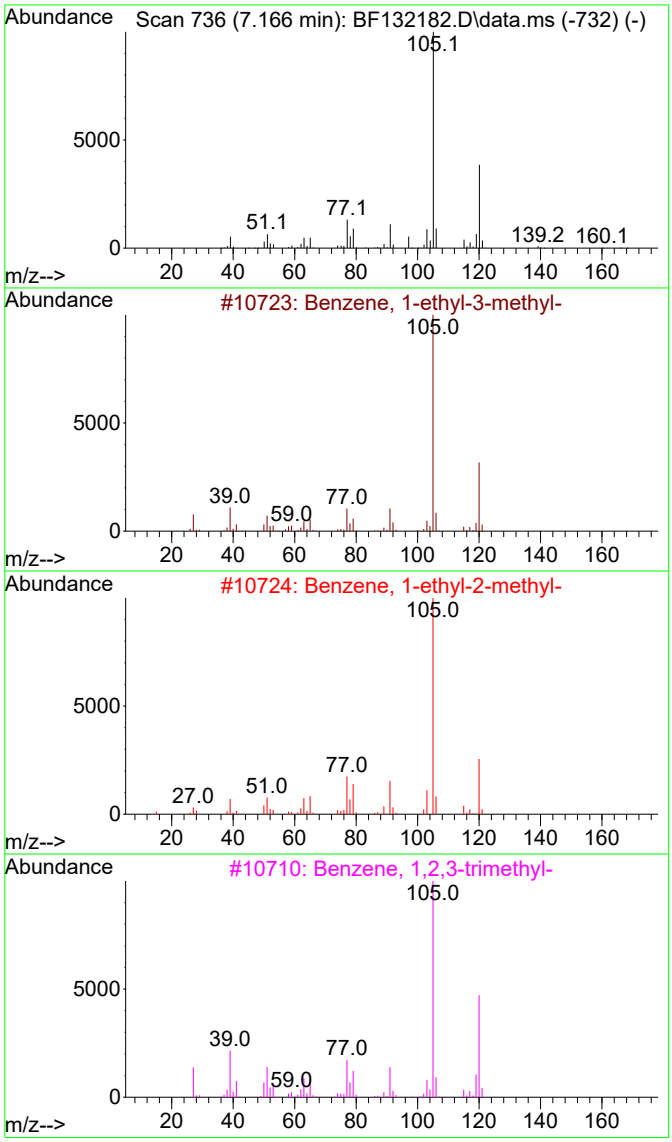
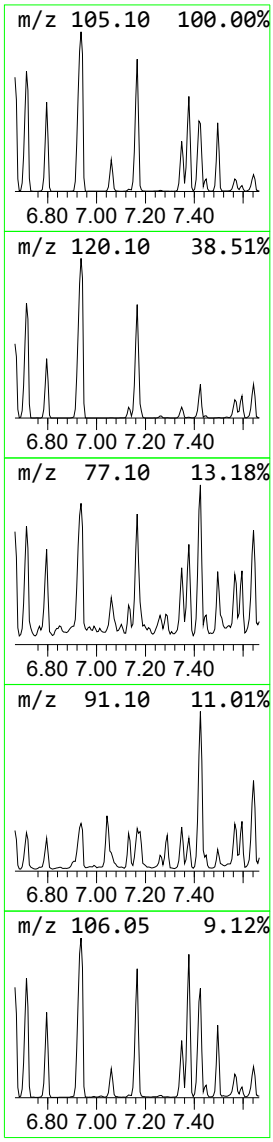
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.166	20.56 ng	6718320	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
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Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
B-P38C

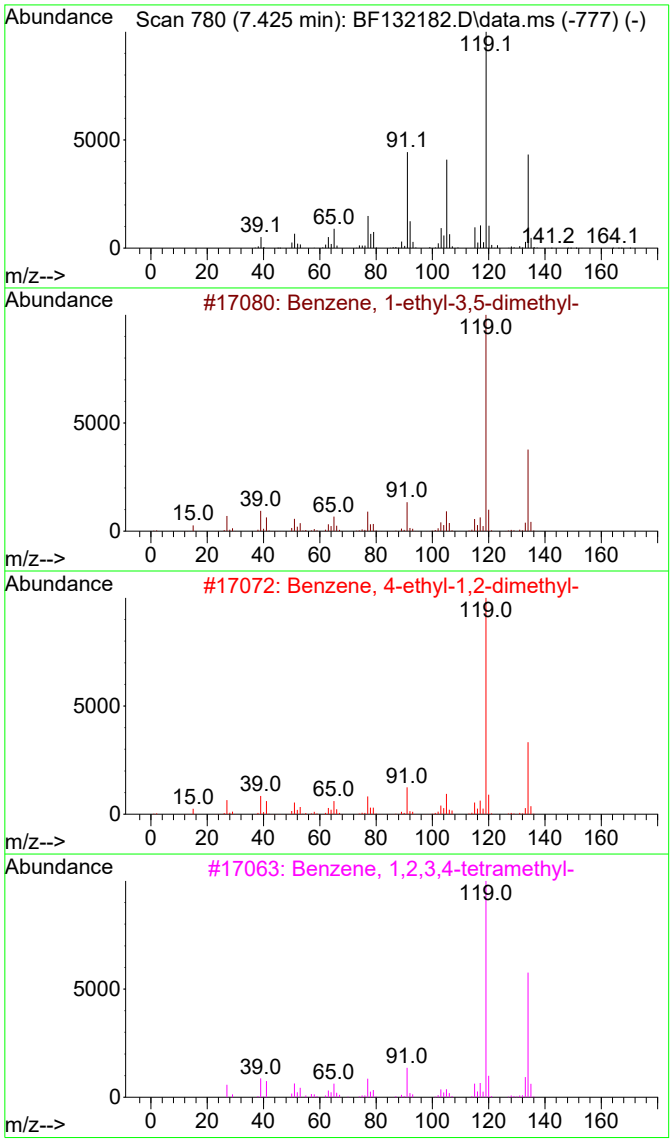
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

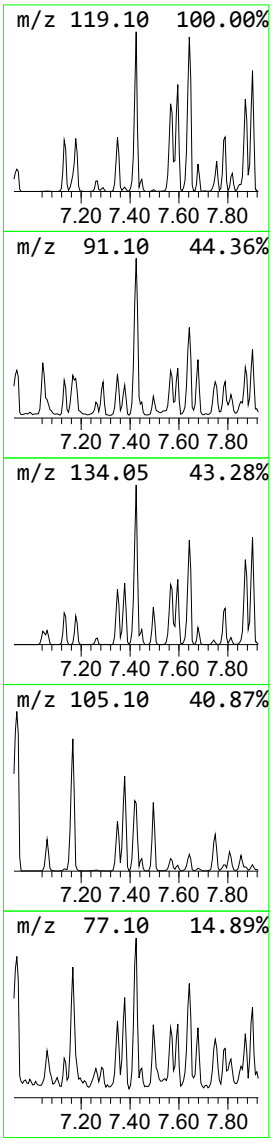
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.425	36.92 ng	12061600	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
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Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

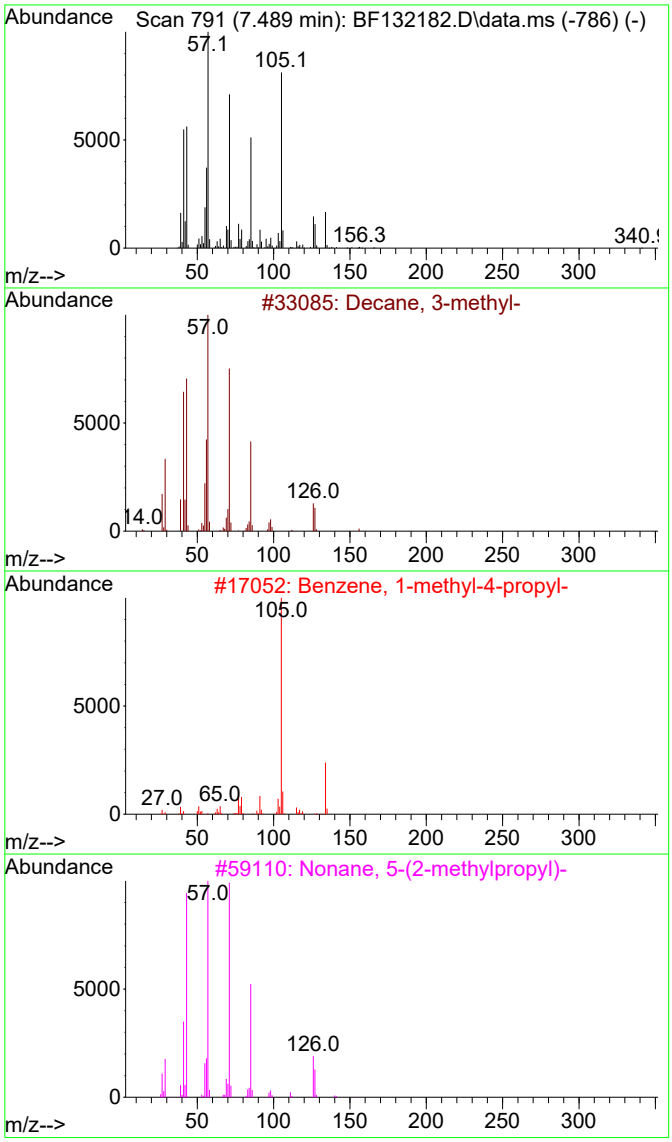
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

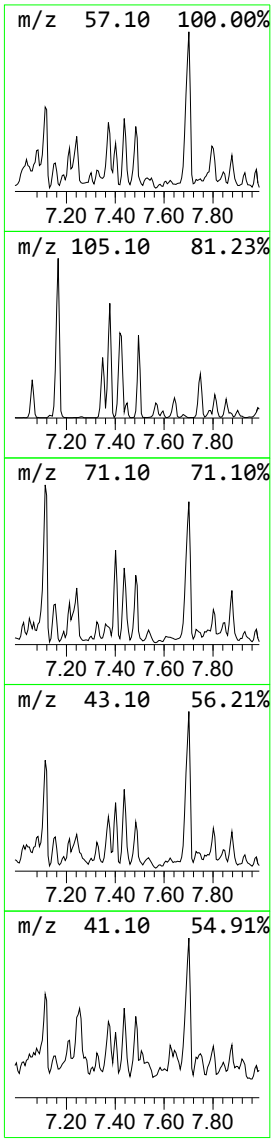
****

Peak Number 12 Decane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.489	26.18 ng	8554950	1,4-Dichlorobenzene-d4	7.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	68
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25





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Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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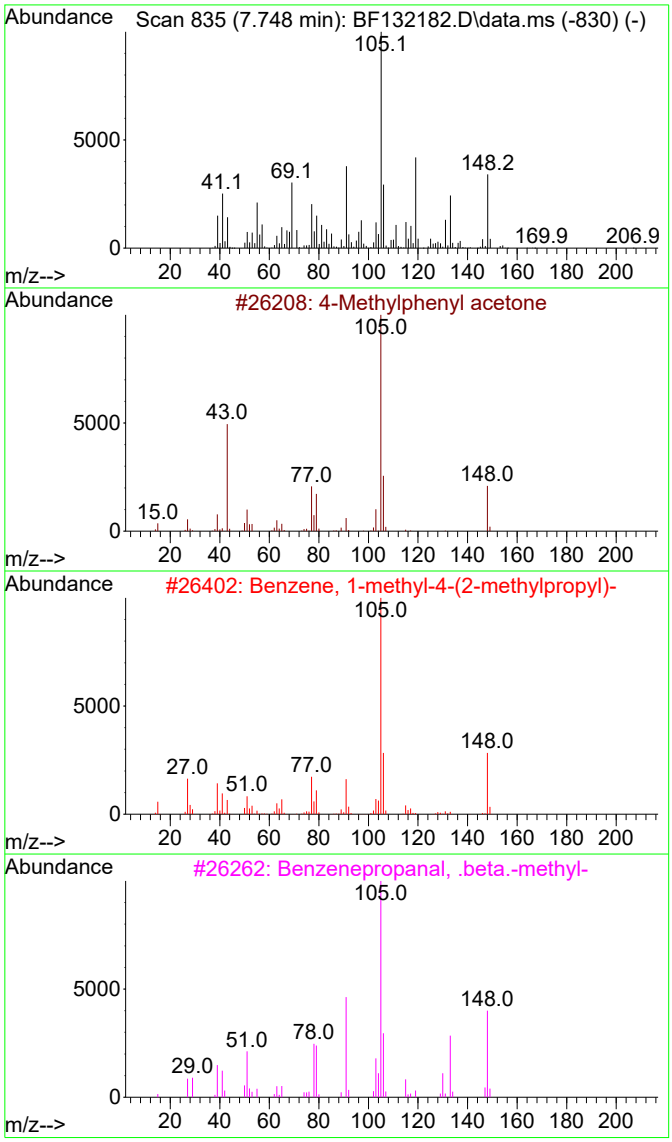
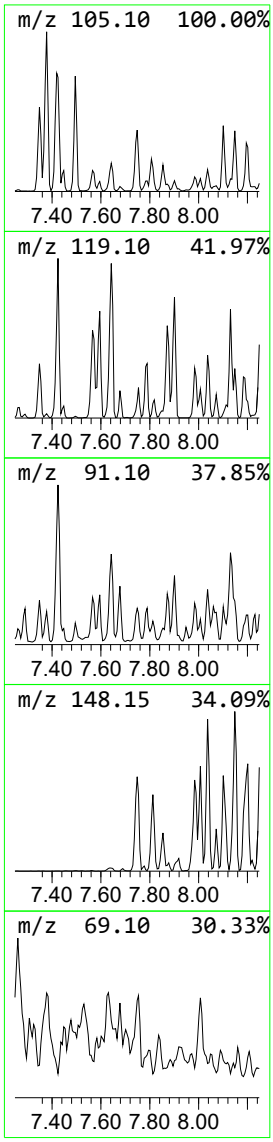
Peak Number 13 unknown7.748 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.748	42.44 ng	6022790	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	41
3	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	30
4	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	25
5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	22





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Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

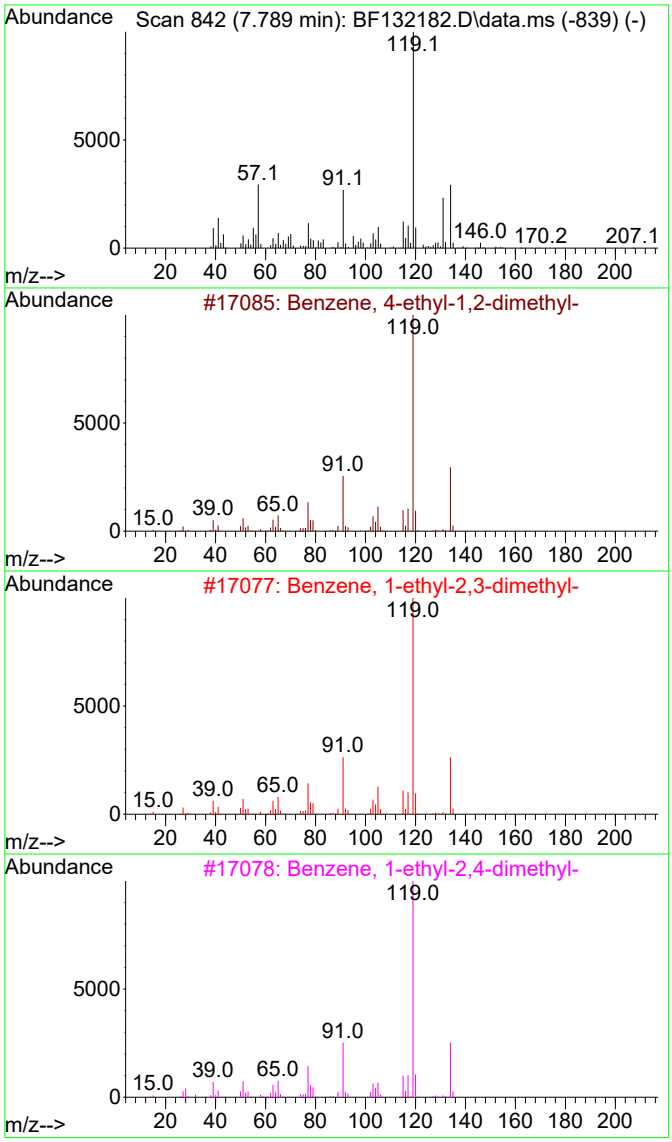
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

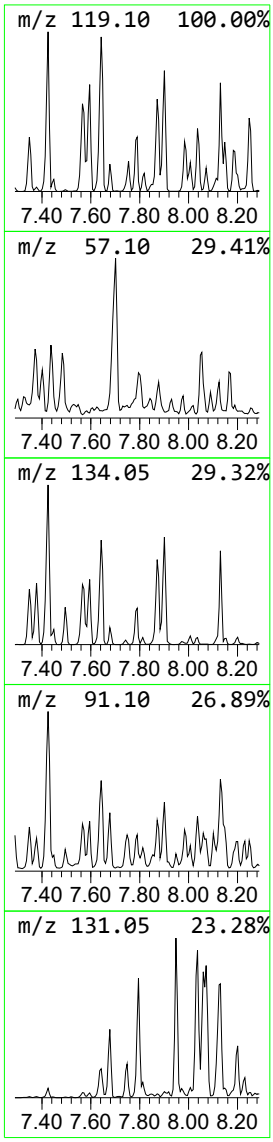
****

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.789	23.06 ng	3271910	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87





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Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-P38C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

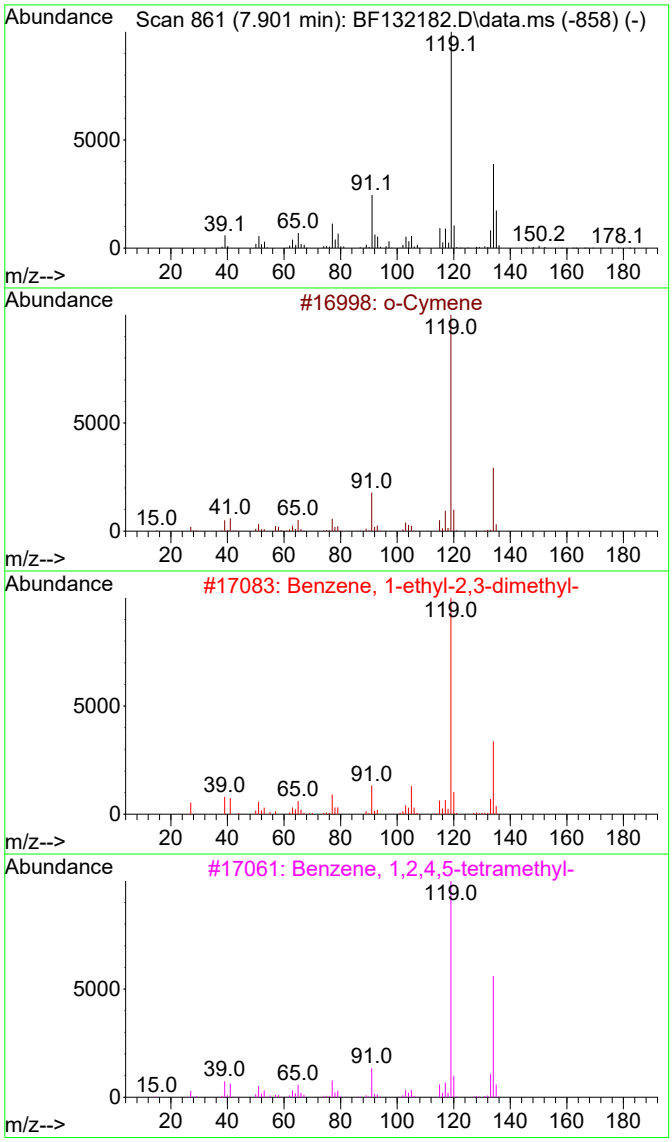
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

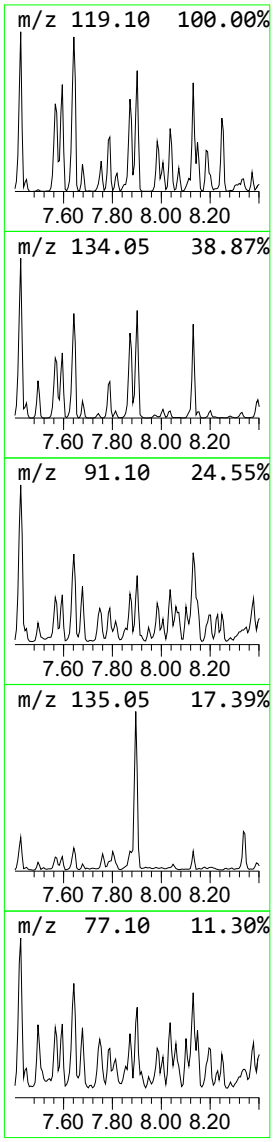
****

Peak Number 15 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.901	21.62 ng	3068370	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





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ClientSampleId :
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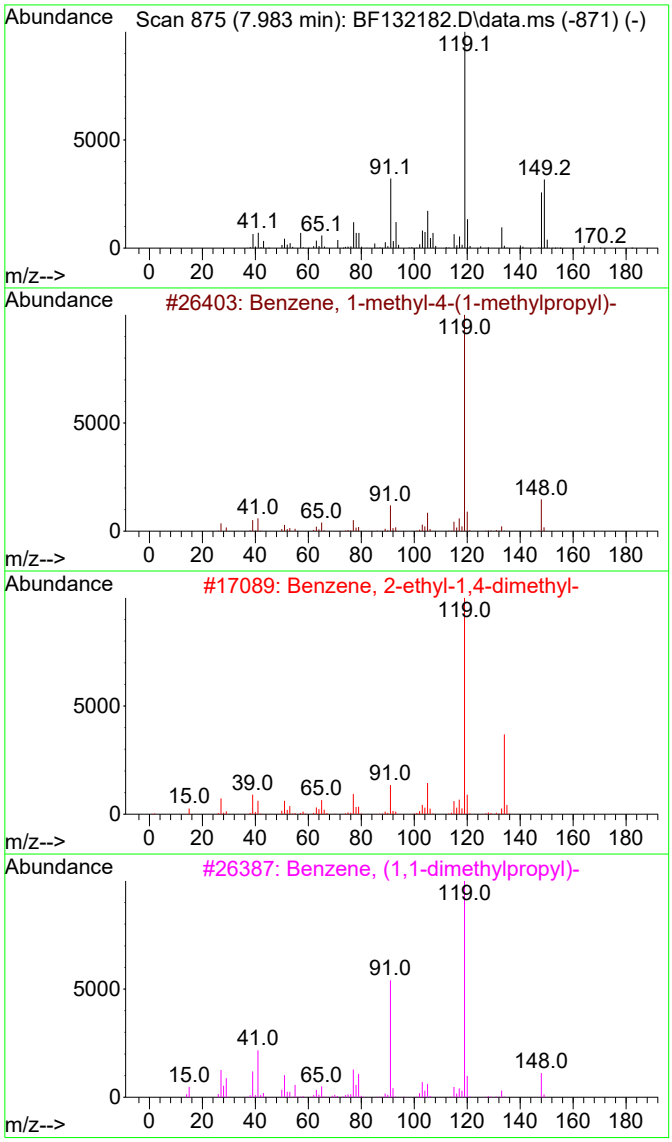
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

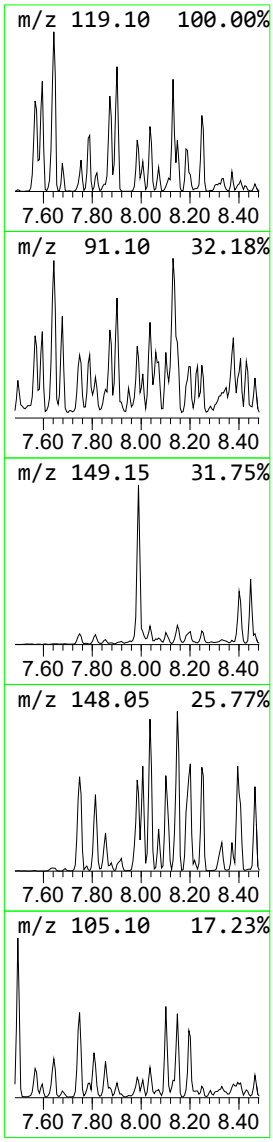
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.983	24.53 ng	3480960	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4	o-Cymene	134	C10H14	000527-84-4	50
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	50





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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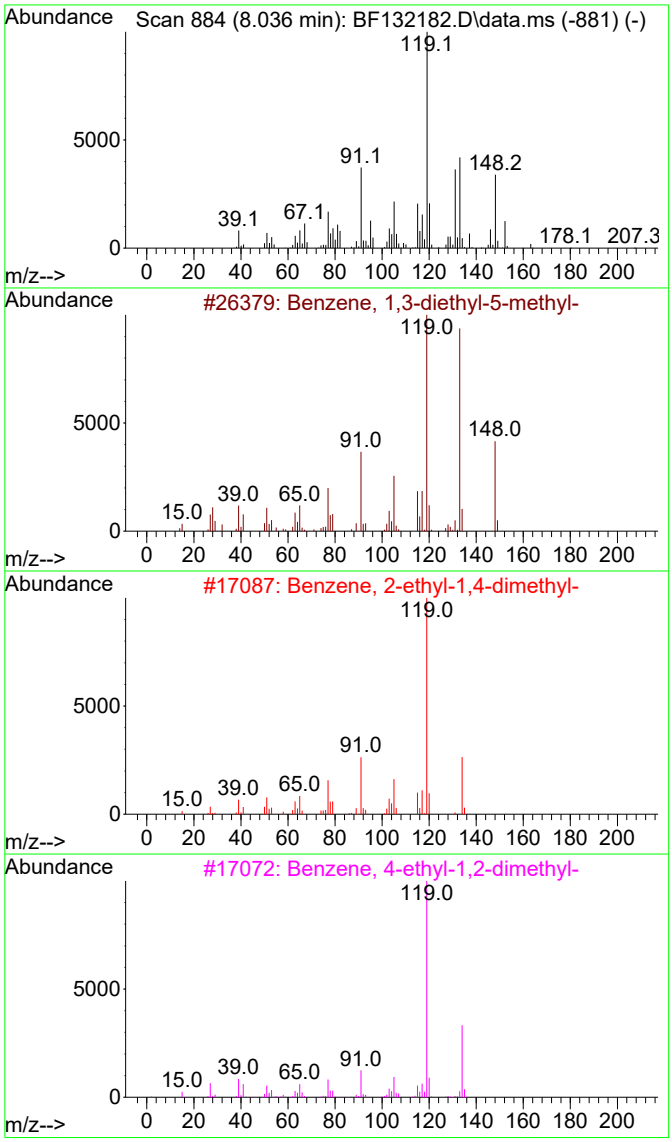
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

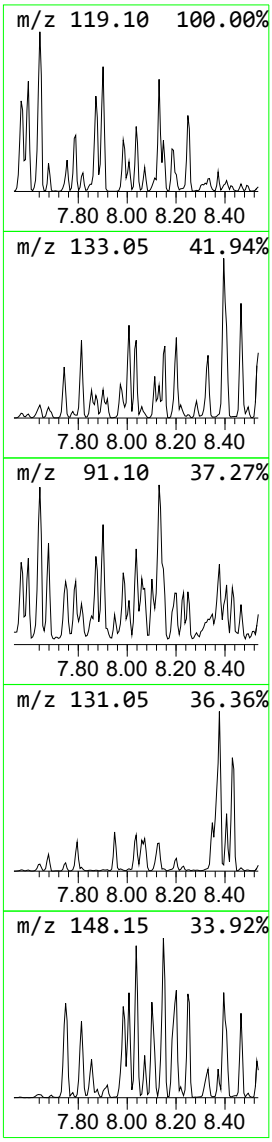
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.036	25.66 ng	3641480	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43





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Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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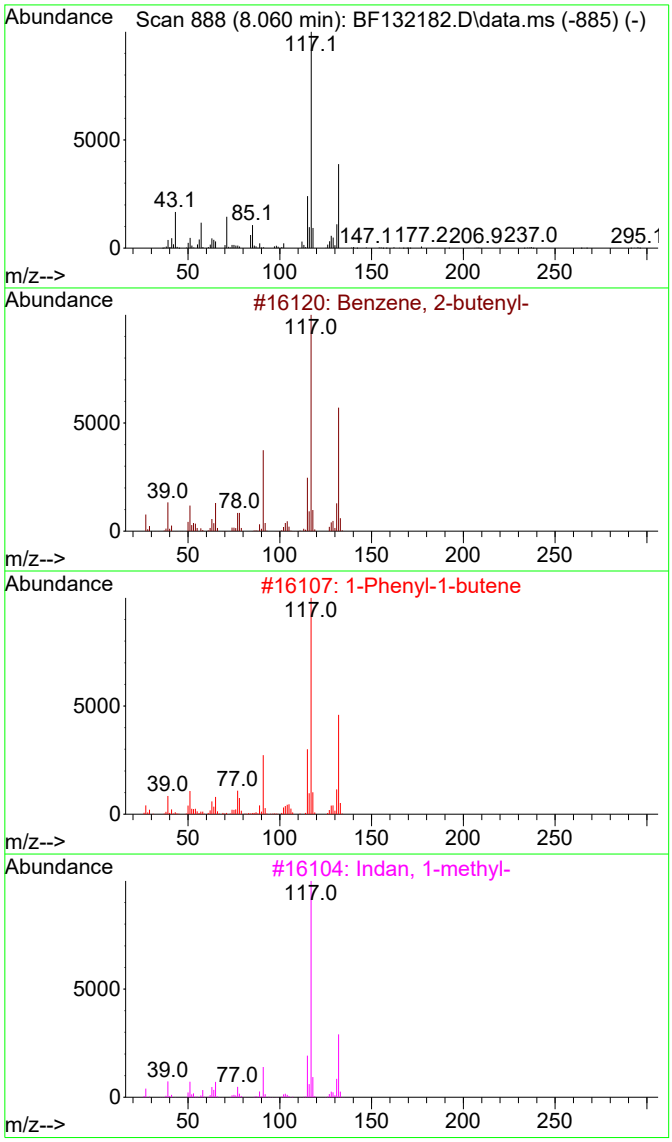
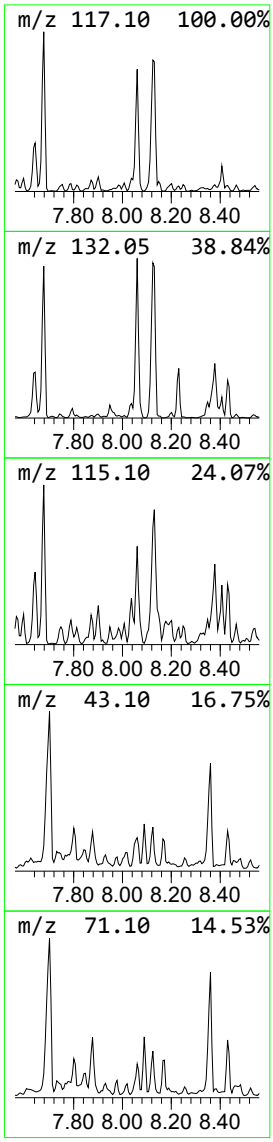
Peak Number 18 Benzene, 2-butenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.060	34.58 ng	4907560	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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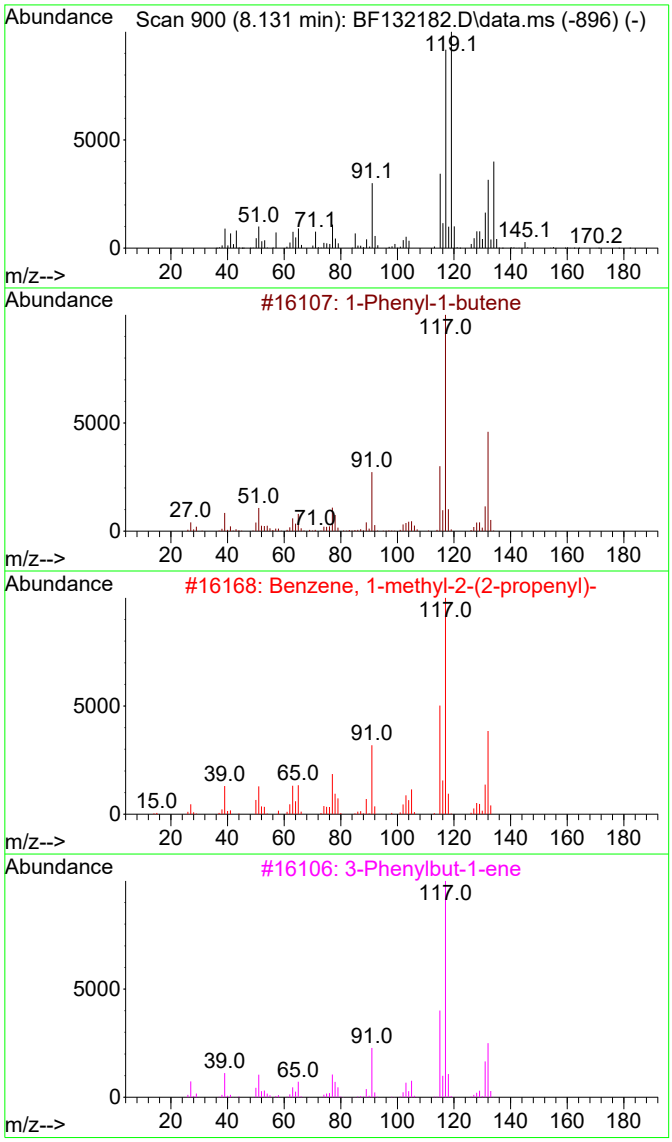
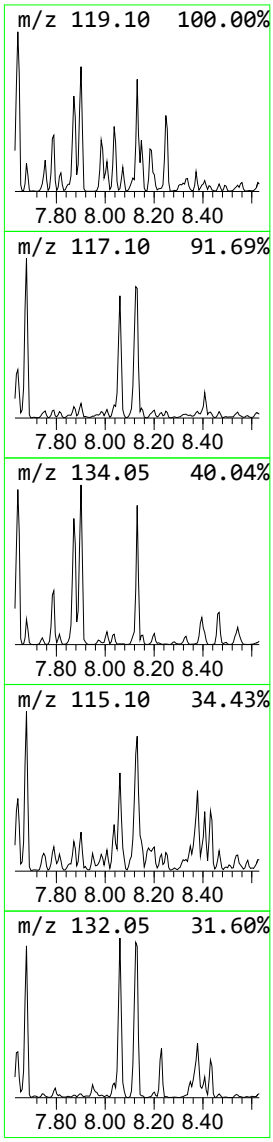
Peak Number 19 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.131	58.78 ng	8340510	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	50
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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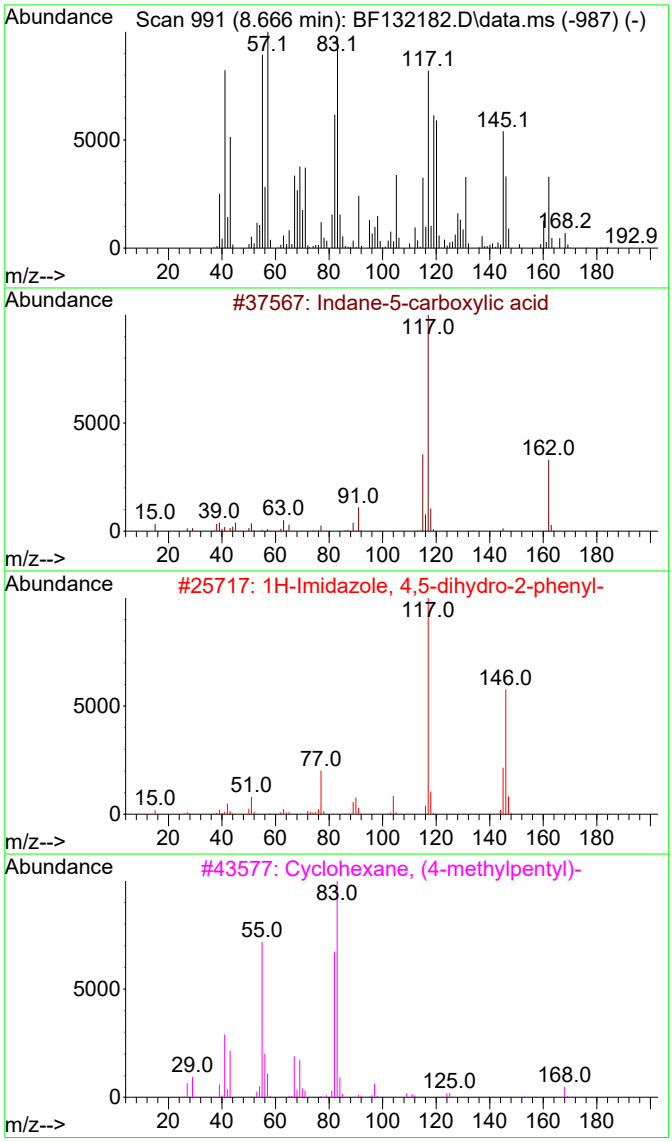
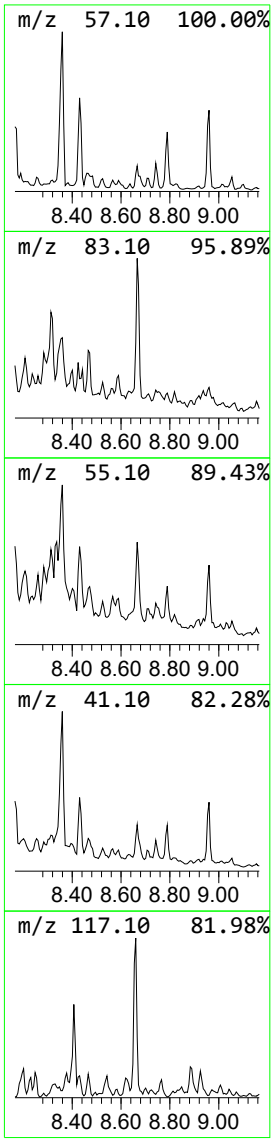
Peak Number 20 unknown8.666 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.666	25.92 ng	3677630	Naphthalene-d8	8.389

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	25
2	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	25
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	18
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	15
5	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132182.D
Acq On : 21 Jan 2023 02:33
Operator : CG\JU
Sample : 01233-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-P38C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 2-methyl-	4.260	23.4	ng	7638000	1	7.101	6534520	20.0
Octane	4.819	35.5	ng	11590500	1	7.101	6534520	20.0
Heptane, 2,5-di...	5.278	20.6	ng	6737010	1	7.101	6534520	20.0
Nonane	6.031	35.5	ng	11607900	1	7.101	6534520	20.0
Octane, 2,6-dim...	6.360	48.5	ng	15864000	1	7.101	6534520	20.0
Benzene, 1-ethy...	6.636	29.4	ng	9598850	1	7.101	6534520	20.0
Cyclohexane, 1-...	6.848	22.3	ng	7278290	1	7.101	6534520	20.0
Benzene, 1,2,3-...	6.942	53.5	ng	17463100	1	7.101	6534520	20.0
Benzene, 1-ethy...	7.166	20.6	ng	6718320	1	7.101	6534520	20.0
Benzene, 1-ethy...	7.425	36.9	ng	12061600	1	7.101	6534520	20.0
Decane, 3-methyl-	7.489	26.2	ng	8554950	1	7.101	6534520	20.0
unknown7.748	7.748	42.4	ng	6022790	2	8.389	2837990	20.0
Benzene, 4-ethy...	7.789	23.1	ng	3271910	2	8.389	2837990	20.0
o-Cymene	7.901	21.6	ng	3068370	2	8.389	2837990	20.0
Benzene, 1-meth...	7.983	24.5	ng	3480960	2	8.389	2837990	20.0
Benzene, 1,3-di...	8.036	25.7	ng	3641480	2	8.389	2837990	20.0
Benzene, 2-bute...	8.060	34.6	ng	4907560	2	8.389	2837990	20.0
1-Phenyl-1-butene	8.131	58.8	ng	8340510	2	8.389	2837990	20.0
unknown8.666	8.666	25.9	ng	3677630	2	8.389	2837990	20.0