LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140574.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	18	rVB	678090	1040926	61.46%	3.813%
2	2.287	18	33	39	rBV	23775	57882	3.42%	0.212%
3	2.481	55	66	72	rBV	16912	36109	2.13%	0.132%
4	3.022	145	158	165	rVB3	9576	25419	1.50%	0.093%
5	3.598	244	256	262	rBV	32879	70346	4.15%	0.258%
6	3.734	268	279	285	rBV	35964	70218	4.15%	0.257%
7	3.804	285	291	299	rVV	15350	29166	1.72%	0.107%
8	3.922	304	311	320	rBV4	49828	141323	8.34%	0.518%
9	4.057	328	334	341	rBV	51784	91348	5.39%	0.335%
10	4.204	351	359	364	rBV	55616	91586	5.41%	0.335%
11	4.393	387	391	400	rVB4	12739	29036	1.71%	0.106%
12	4.516	407	412	421	rVB	98870	172272	10.17%	0.631%
13	4.634	425	432	440	rBV4	23743	48328	2.85%	0.177%
14	4.722	440	447	454	rVB3	18148	32768	1.93%	0.120%
15	4.934	475	483	488	rVB	27848	42229	2.49%	0.155%
16	5.016	488	497	505	rBV2	50492	122665	7.24%	0.449%
17	5.092	505	510	514	rBV	27301	44635	2.64%	0.163%
18	5.287	538	543	546	rBV2	39756	61479	3.63%	0.225%
19	5.363	551	556	559	rBV2	100427	174119	10.28%	0.638%
20	5.392	559	561	566	rVB	81579	89187	5.27%	0.327%
21	5.463	566	573	575	rBV	338609	478717	28.26%	1.754%
22	5.498	575	579	584	rVB	1045391	1401235	82.73%	5.133%
23	5.645	600	604	609	rVV3	26611	42789	2.53%	0.157%
24	5.722	613	617	623	rVV	158926	232377	13.72%	0.851%
25	5.781	623	627	633	rVB	166313	223646	13.20%	0.819%
26	5.892	640	646	650	rBV3	24827	46135	2.72%	0.169%
27	5.939	650	654	661	rVB2	29615	47537	2.81%	0.174%
28	6.034	661	670	674	rBV3	42774	115331	6.81%	0.422%
29	6.116	679	684	690	rBV4	70158	130971	7.73%	0.480%
30	6.169	690	693	696	rVB2	21208	25005	1.48%	0.092%
31	6.328	711	720	723	rBV	139430	305092	18.01%	1.118%
32	6.363	723	726	728	rVV2	140313	187304	11.06%	0.686%
33	6.392	728	731	735	rVV	420228	592896	35.01%	2.172%
34	6.428	735	737	740	rVV	179966	194772	11.50%	0.713%
35	6.469	740	744	746	rVV2	235307	342183	20.20%	1.253%
36	6.504	746	750	755	rVV	1102391	1433260	84.62%	5.250%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.551	755	758	763	rVB	168591	227340	13.42%	0.833%
38	6.616	763	769	770	rBV2	18303	31000	1.83%	0.114%
39	6.692	778	782	792	rVB2	859128	1135315	67.03%	4.159%
40	6.804	795	801	807	rBV4	39501	106144	6.27%	0.389%
41	6.869	807	812	818	rBV2	432052	578255	34.14%	2.118%
42	6.928	818	822	828	rVB	216963	294131	17.37%	1.077%
43	6.986	828	832	839	rBV3	53912	118395	6.99%	0.434%
44	7.045	839	842	847	rVB	109679	139387	8.23%	0.511%
45	7.116	847	854	855	rBV	125273	155730	9.19%	0.570%
46	7.139	855	858	862	rVB	224297	259378	15.31%	0.950%
47	7.186	862	866	872	rBV2	374795	520188	30.71%	1.905%
48	7.257	872	878	882	rVB3	103766	236542	13.97%	0.866%
49	7.298	882	885	887	rBV2	26214	34236	2.02%	0.125%
50	7.333	887	891	893	rBV	127763	182881	10.80%	0.670%
51	7.351	893	894	898	rVB	134805	124031	7.32%	0.454%
52	7.398	898	902	904	rBV	328398	408038	24.09%	1.495%
53	7.434	904	908	916	rVB	750806	1164683	68.77%	4.266%
54	7.510	916	921	924	rBV2	61802	85080	5.02%	0.312%
55	7.551	924	928	935	rVB3	86385	138798	8.20%	0.508%
56	7.633	935	942	944	rBV	196061	275881	16.29%	1.011%
57	7.663	944	947	958	rVB	255430	419552	24.77%	1.537%
58	7.751	958	962	964	rBV2	71579	105696	6.24%	0.387%
59	7.822	967	974	978	rVB3	171811	325928	19.24%	1.194%
60	7.886	978	985	989	rBV2	305963	550993	32.53%	2.018%
61	7.963	995	998	1004	rVB5	70843	112378	6.64%	0.412%
62	8.016	1004	1007	1011	rVB	78335	91351	5.39%	0.335%
63	8.151	1017	1030	1041	rBV4	591356	1598026	94.35%	5.854%
64	8.233	1041	1044	1052	rVB	67720	98321	5.81%	0.360%
65	8.310	1052	1057	1061	rBV3	32124	61686	3.64%	0.226%
66	8.422	1069	1076	1083	rBV6	146462	304036	17.95%	1.114%
67	8.486	1083	1087	1091	rBV3	106470	139266	8.22%	0.510%
68	8.533	1091	1095	1098	rBV	71638	96292	5.69%	0.353%
69	8.616	1105	1109	1112	rVB	47995	52346	3.09%	0.192%
70	8.651	1112	1115	1121	rVB5	67629	94612	5.59%	0.347%
71	8.733	1126	1129	1133	rBV3	70527	83844	4.95%	0.307%
72	8.780	1133	1137	1141	rBV3	28095	34380	2.03%	0.126%
73	8.822	1141	1144	1147	rBV3	27181	28864	1.70%	0.106%
74	8.863	1147	1151	1155	rVB	247762	281690	16.63%	1.032%
75	8.898	1155	1157	1161	rVB2	47346	52063	3.07%	0.191%
76	8.963	1163	1168	1172	rBV	131622	189575	11.19%	0.694%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
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Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.092	1187	1190	1195	rVB4	20358	27710	1.64%	0.102%
78	9.163	1197	1202	1207	rVB2	73578	101481	5.99%	0.372%
79	9.222	1207	1212	1219	rVB	1275360	1614424	95.32%	5.914%
80	9.316	1222	1228	1234	rBV3	54855	121511	7.17%	0.445%
81	9.375	1234	1238	1242	rBV4	19630	26193	1.55%	0.096%
82	9.422	1242	1246	1250	rVB	24879	36291	2.14%	0.133%
83	9.492	1250	1258	1263	rVB	58126	122710	7.25%	0.449%
84	9.563	1265	1270	1272	rBV	61973	86813	5.13%	0.318%
85	9.586	1272	1274	1278	rVB	48075	52192	3.08%	0.191%
86	9.763	1301	1304	1308	rVB	19475	25627	1.51%	0.094%
87	9.904	1321	1328	1338	rBV	532824	717190	42.34%	2.627%
88	10.010	1342	1346	1351	rVB4	19167	31394	1.85%	0.115%
89	10.151	1365	1370	1379	rVB5	37665	90521	5.34%	0.332%
90	10.327	1394	1400	1407	rVB8	20688	38975	2.30%	0.143%
91	10.433	1407	1418	1423	rBV	83532	129078	7.62%	0.473%
92	10.622	1444	1450	1455	rVB	115355	153875	9.09%	0.564%
93	10.698	1458	1463	1470	rBV	802330	1045732	61.74%	3.830%
94	10.816	1478	1483	1490	rVB3	17657	32782	1.94%	0.120%
95	11.398	1577	1582	1590	rBV	543941	724398	42.77%	2.653%
96	11.921	1664	1671	1683	rBV2	90396	169148	9.99%	0.620%
97	12.980	1846	1851	1862	rVB	1317758	1693690	100.00%	6.204%
98	13.880	1999	2004	2023	rBV2	26774	93692	5.53%	0.343%
99	14.045	2026	2032	2042	rVB	390131	527274	31.13%	1.931%
100	15.533	2279	2285	2297	rBV	265471	431011	25.45%	1.579%

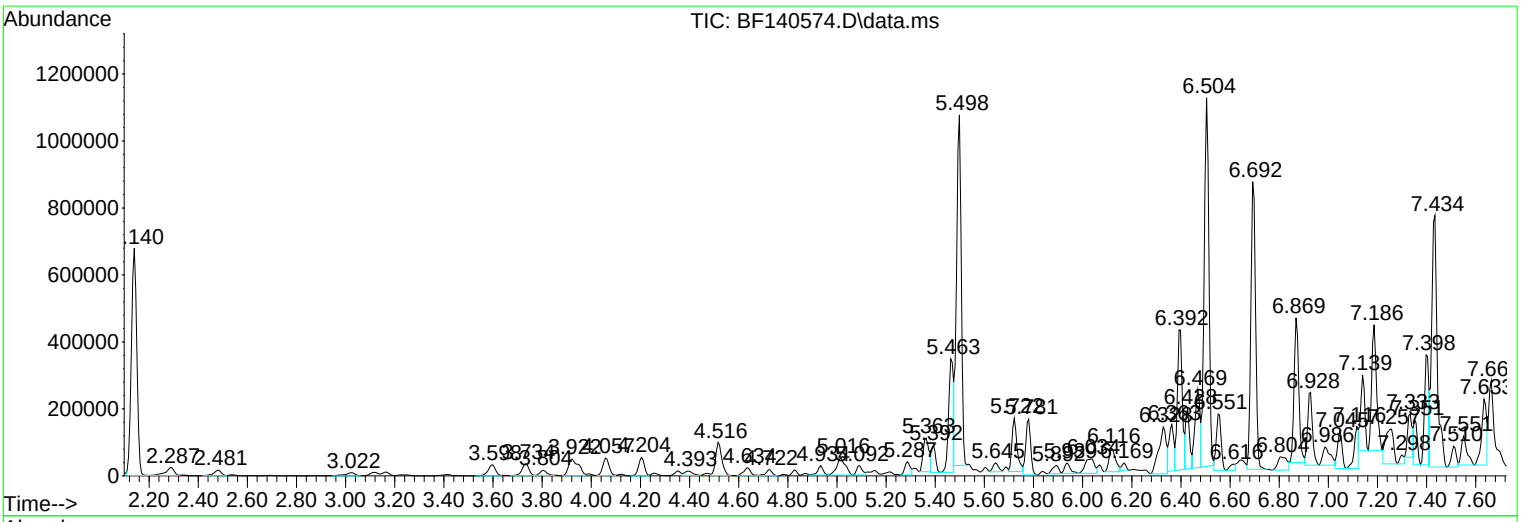
Sum of corrected areas: 27300335

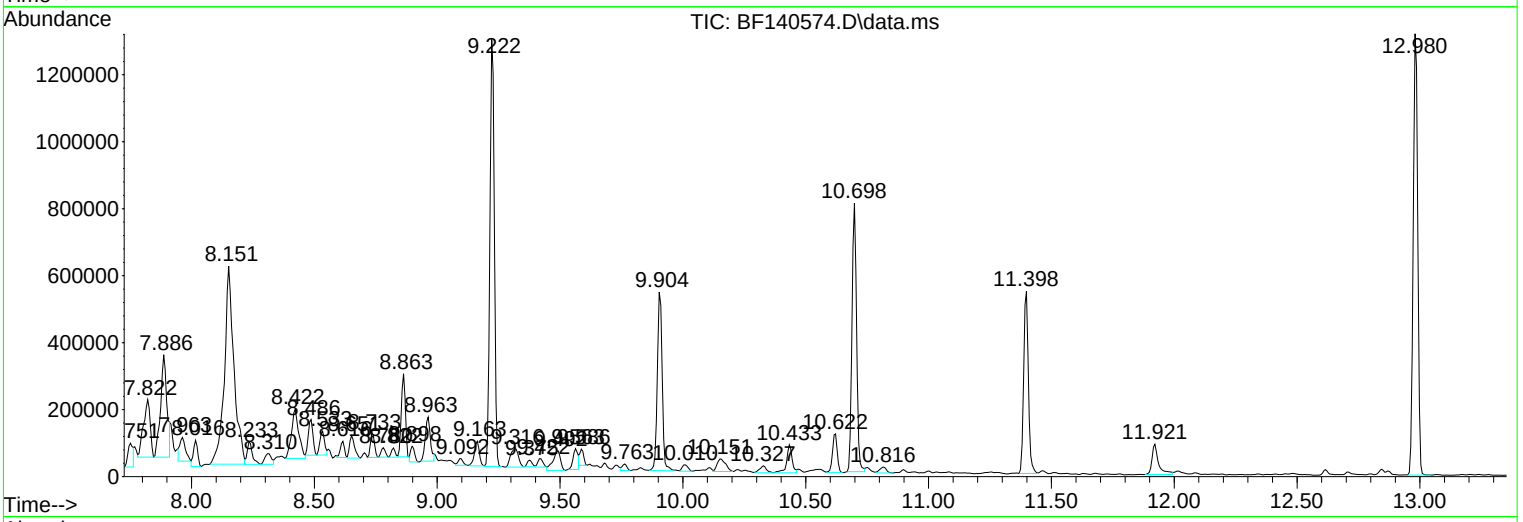
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

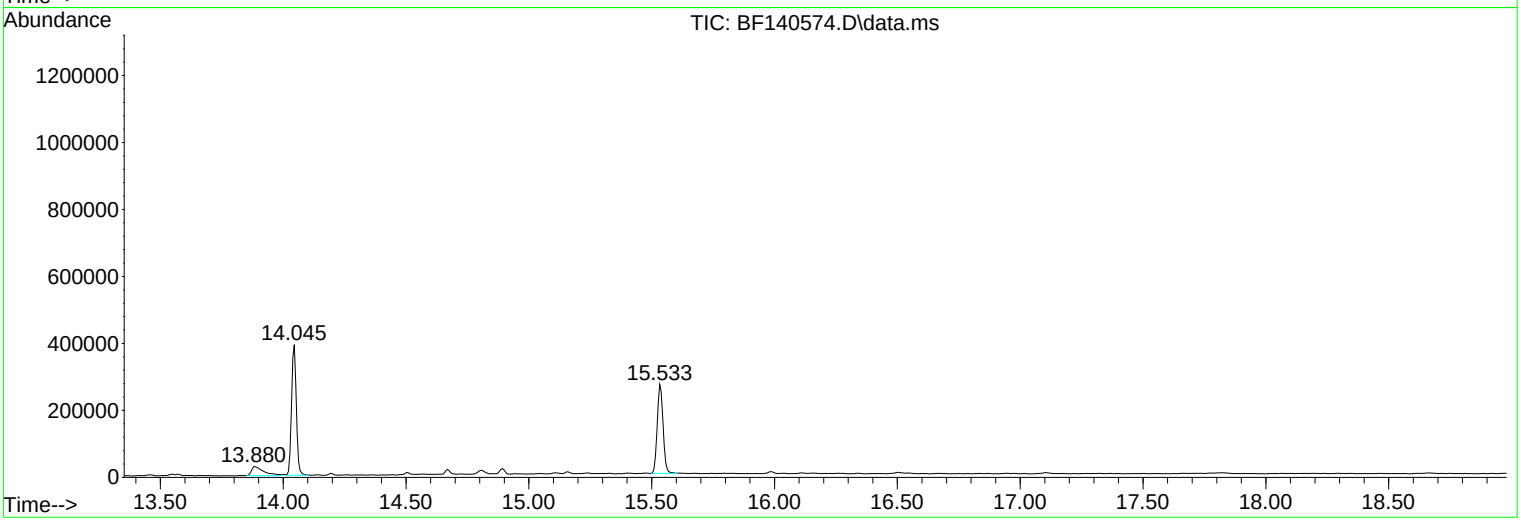
Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

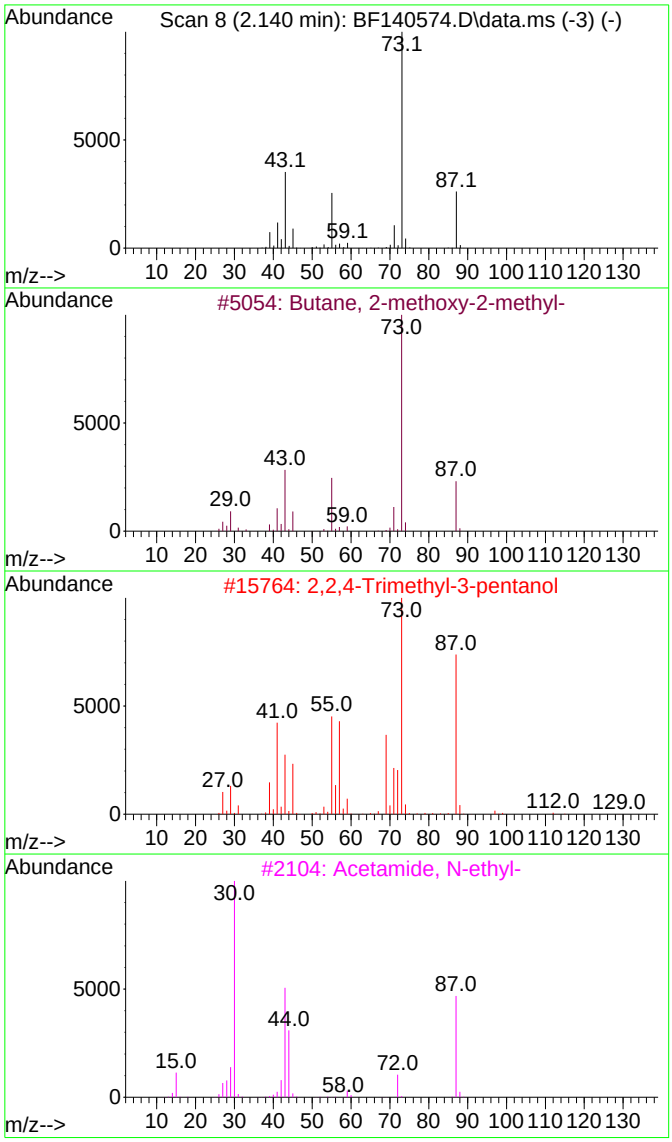
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

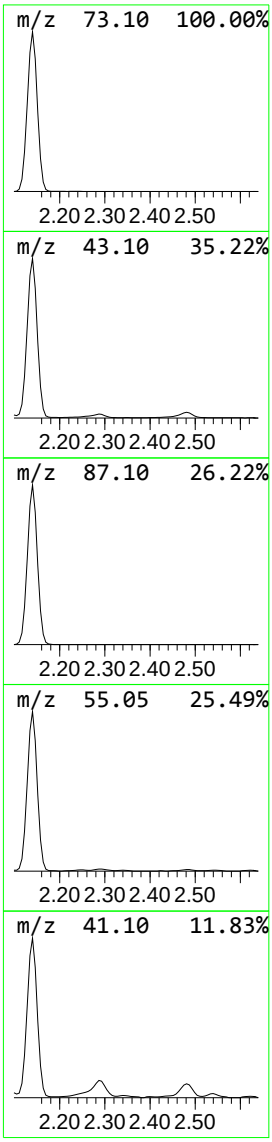
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	36.00 ng	1040930	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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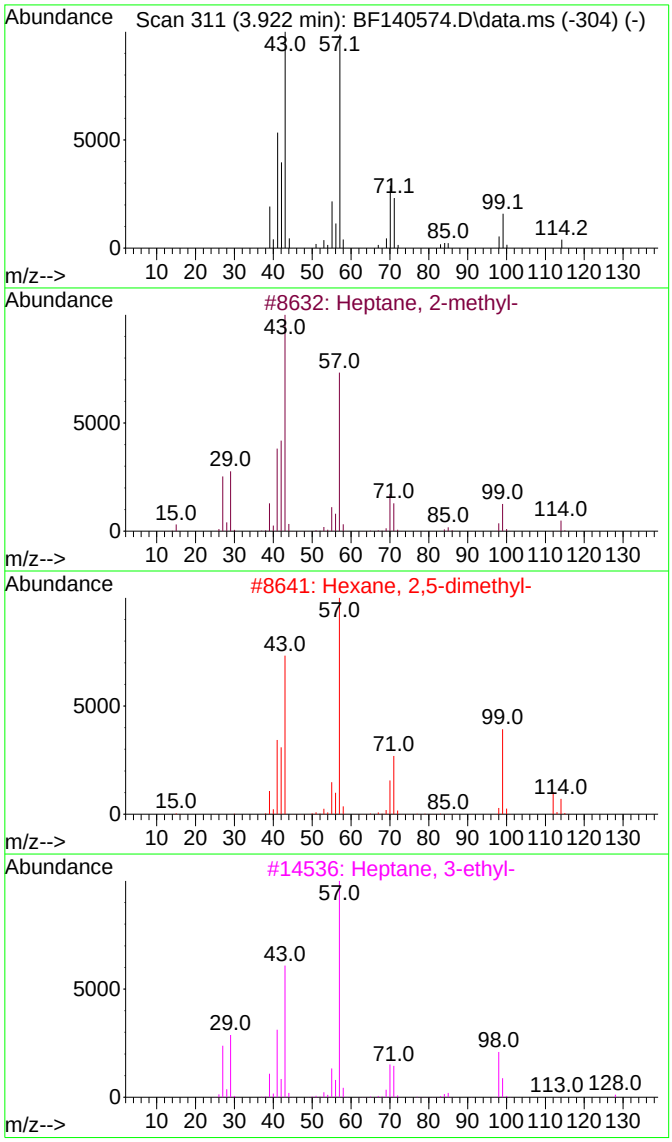
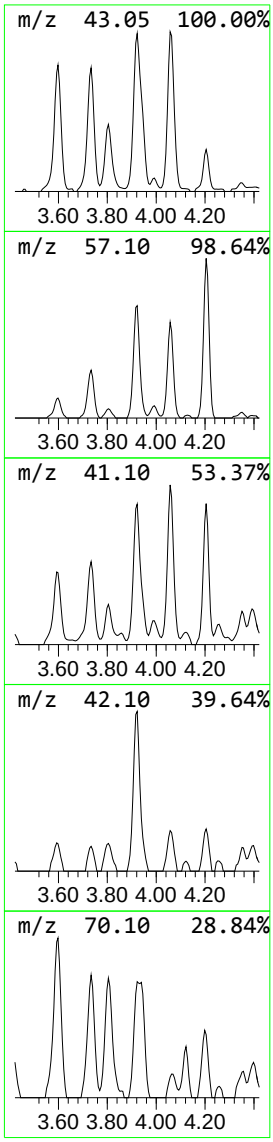
Peak Number 2 Heptane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	4.89 ng	141323	1,4-Dichlorobenzene-d4	6.869

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	87
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
5	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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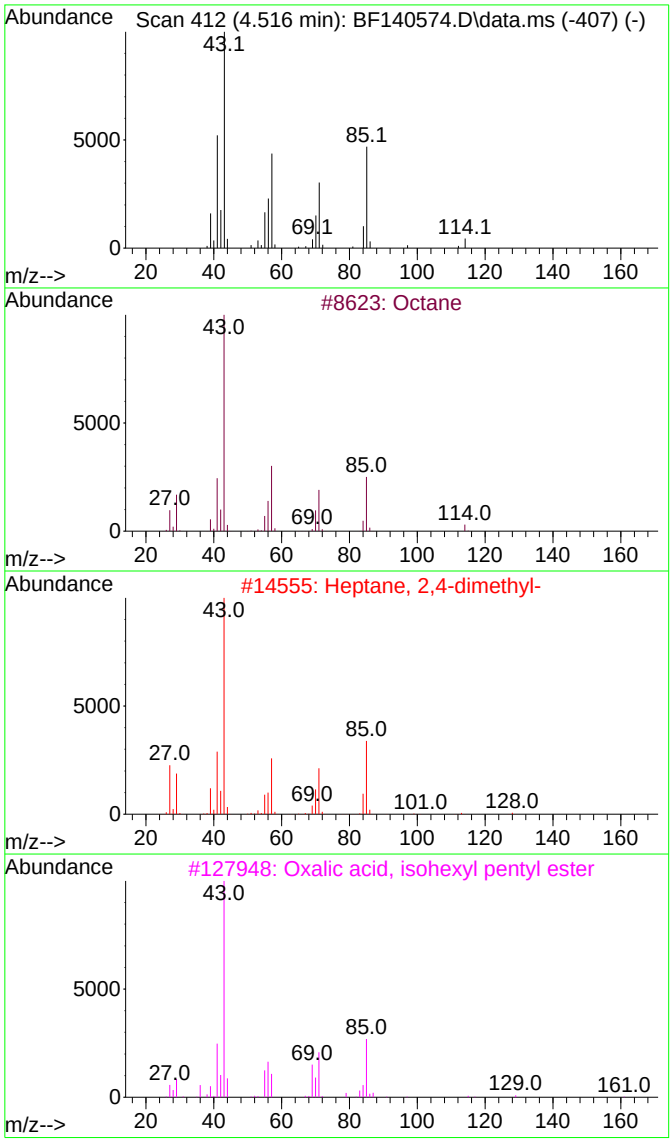
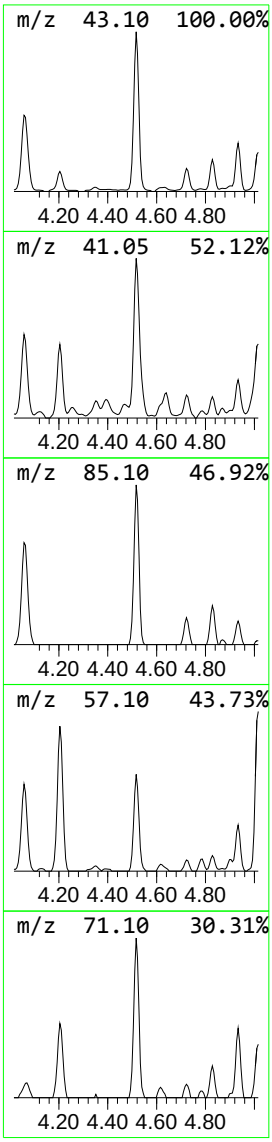
Peak Number 3 Octane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.516	5.96 ng	172272	1,4-Dichlorobenzene-d4	6.869

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	72
3	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
4	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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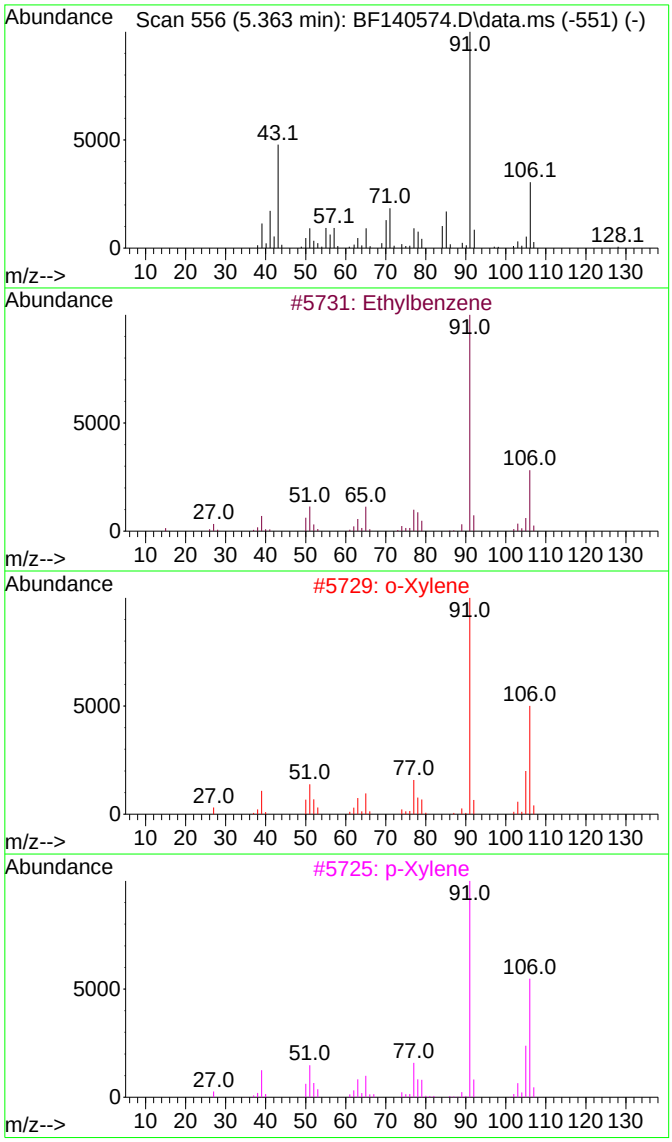
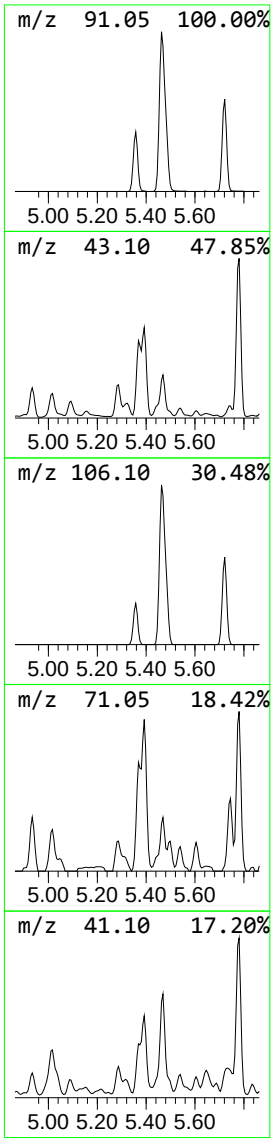
Peak Number 4 Ethylbenzene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.363	6.02 ng	174119	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	90
2	o-Xylene	106	C8H10	000095-47-6	46
3	p-Xylene	106	C8H10	000106-42-3	41
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	38
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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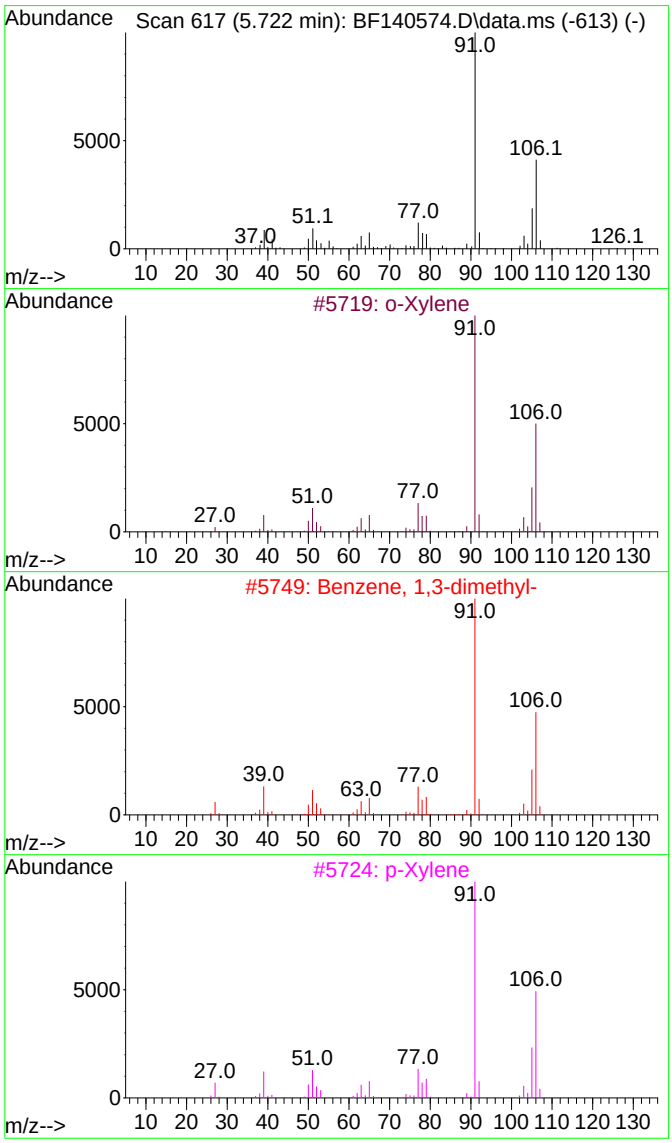
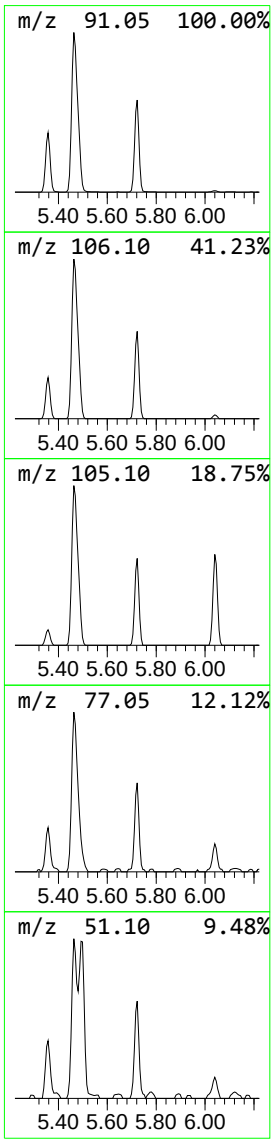
Peak Number 5 o-Xylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.722	8.04 ng	232377	1,4-Dichlorobenzene-d4	6.869

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	91





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Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 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

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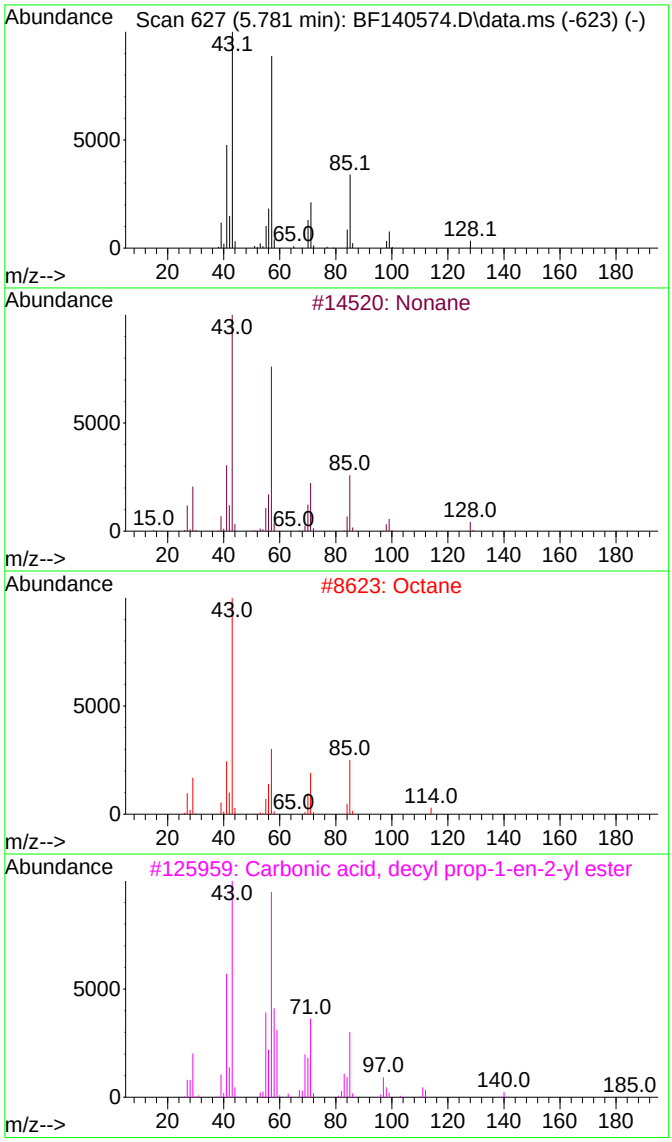
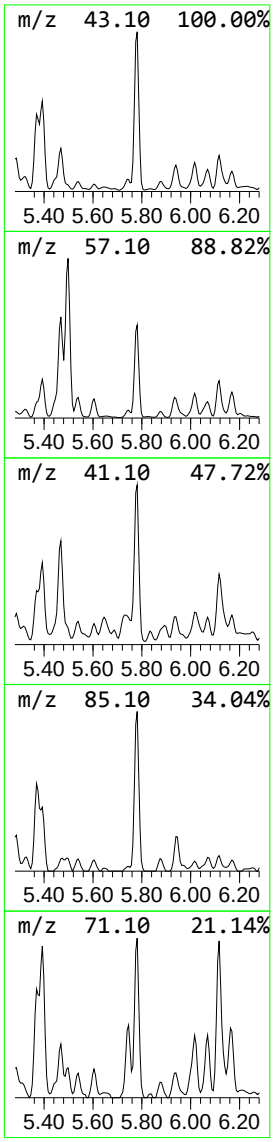
Peak Number 6 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	7.74 ng	223646	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Octane	114	C8H18	000111-65-9	64
3	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	64
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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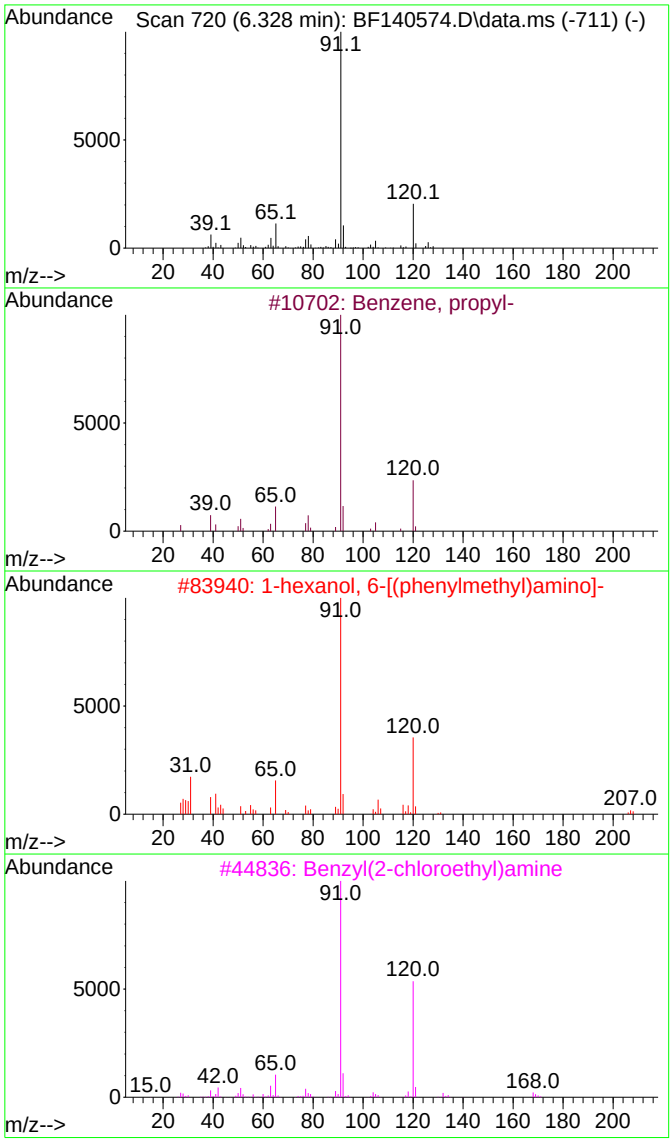
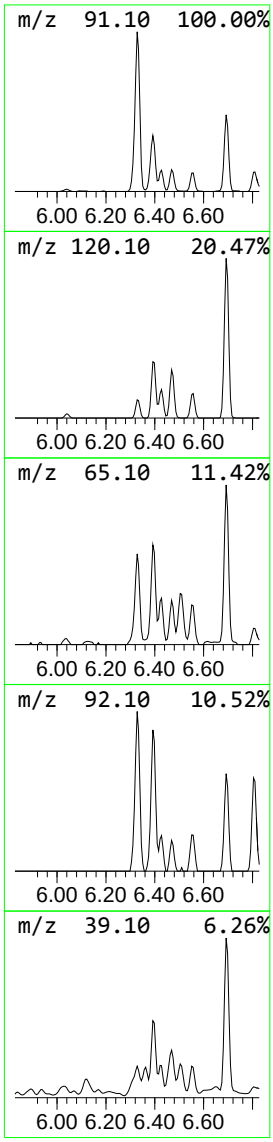
Peak Number 7 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.328	10.55 ng	305092	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	1-hexanol, 6-[(phenylmethyl)amino]-	207	C13H21NO	1000400-55-6	72
3	Benzyl(2-chloroethyl)amine	169	C9H12ClN	042074-16-8	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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ALS Vial : 12 Sample Multiplier: 1

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BNA_F
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

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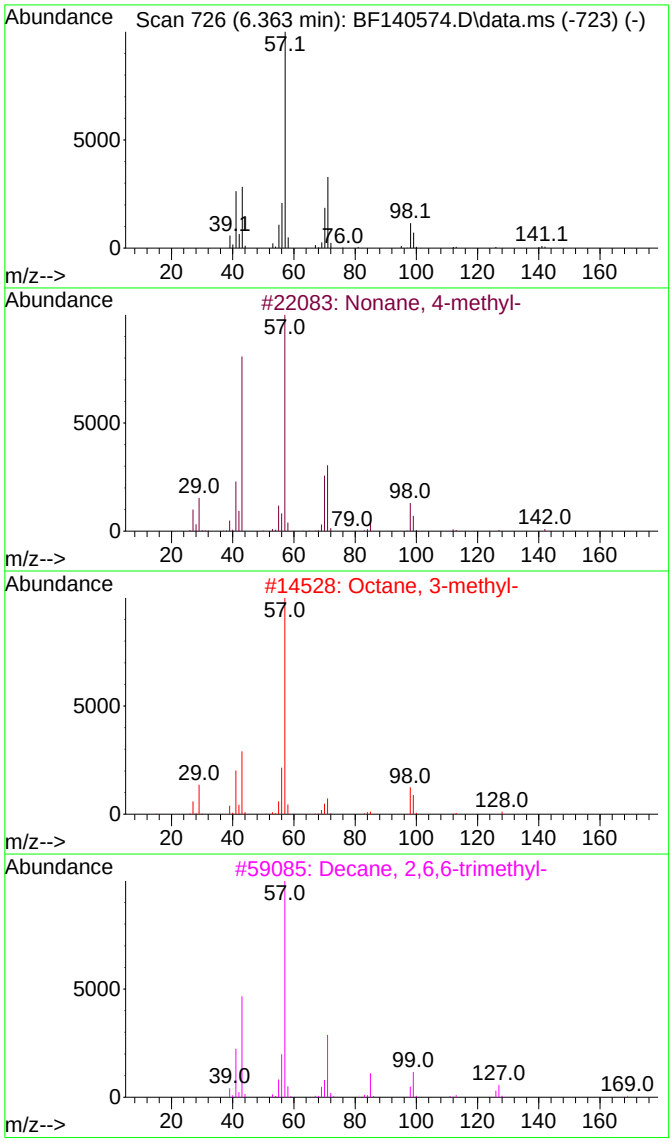
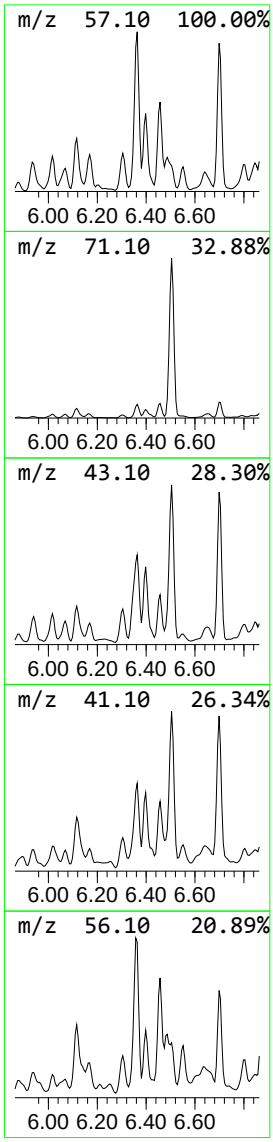
Peak Number 8 Nonane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	6.48 ng	187304	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Octane, 3-methyl-	128	C9H20	002216-33-3	59
3	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	56
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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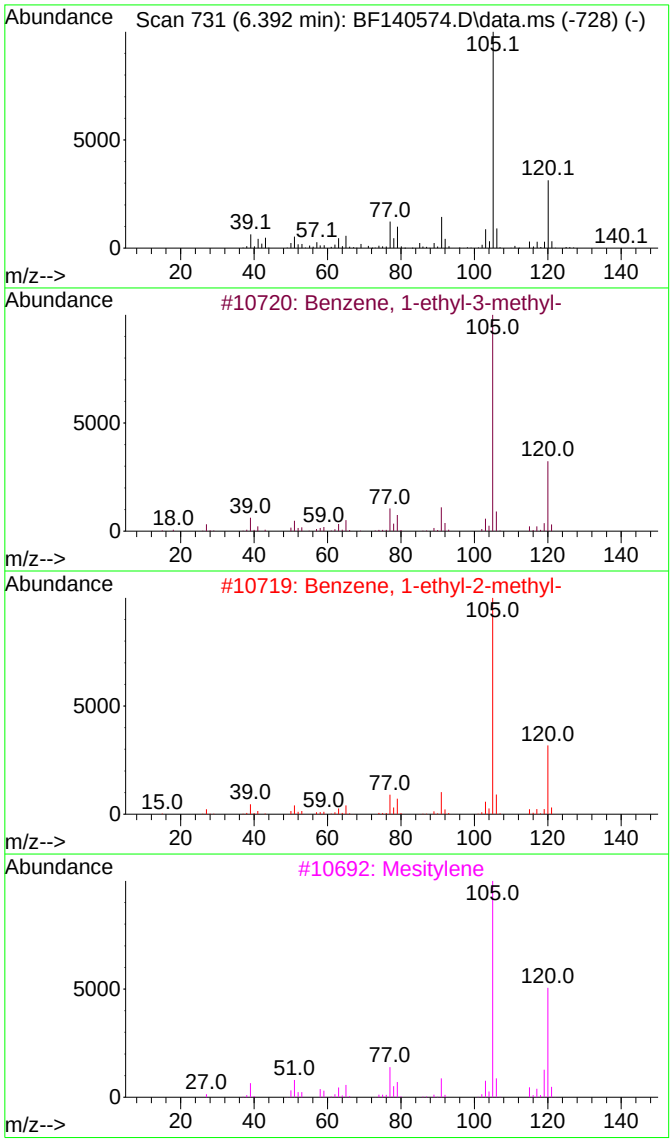
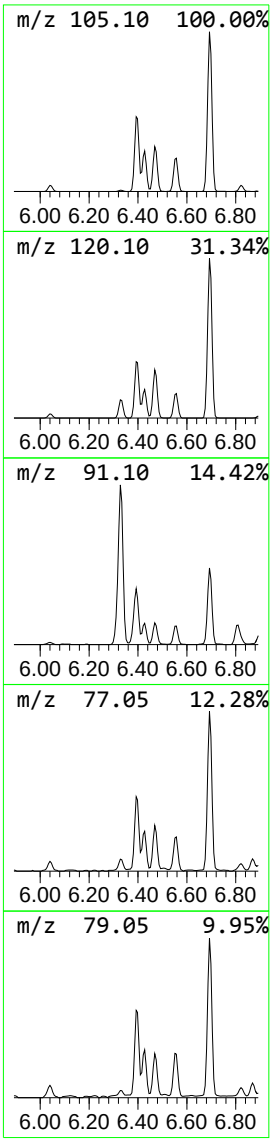
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.392	20.51 ng	592896	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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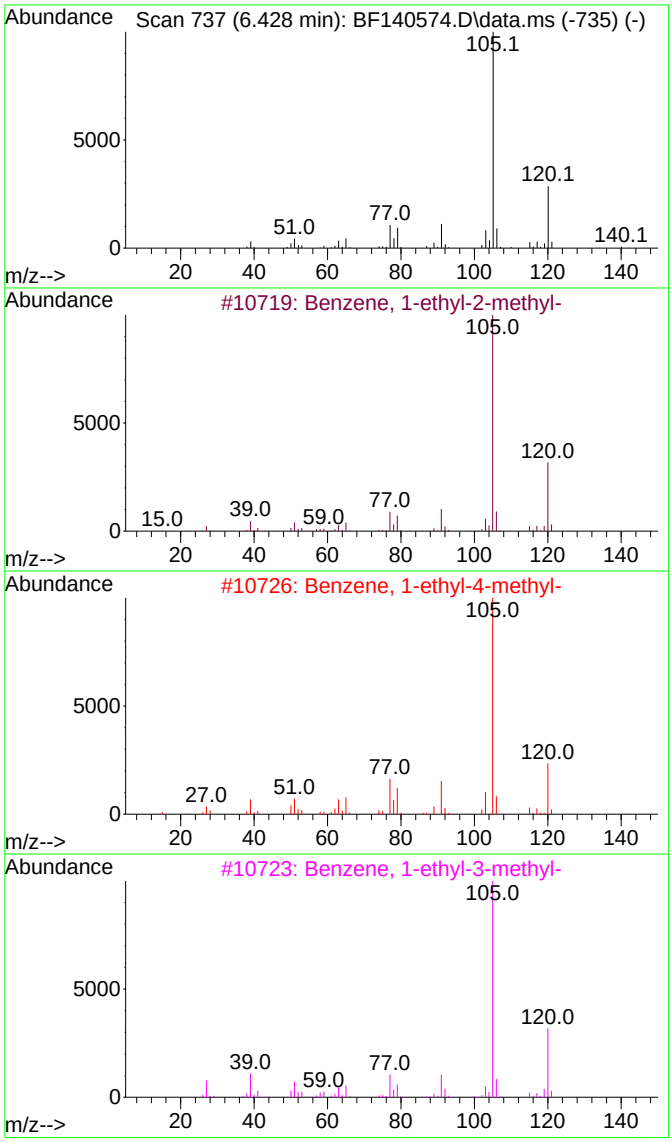
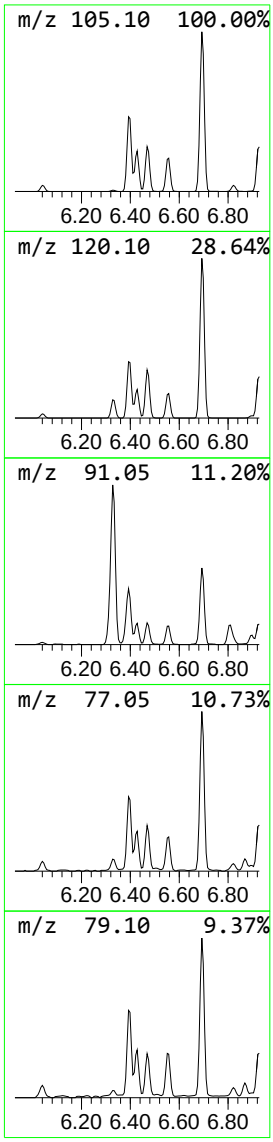
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	6.74 ng	194772	1,4-Dichlorobenzene-d4	6.869

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





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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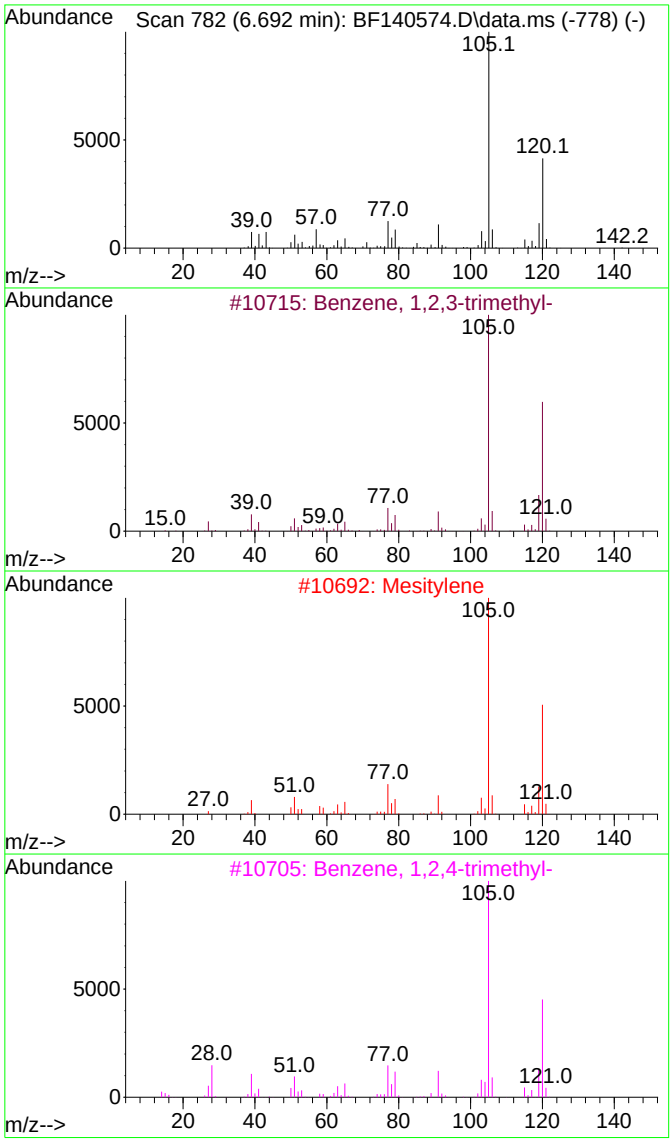
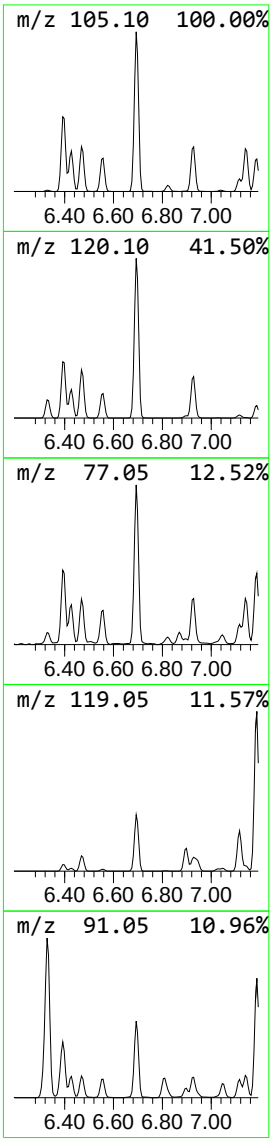
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.692	39.27 ng	1135320	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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

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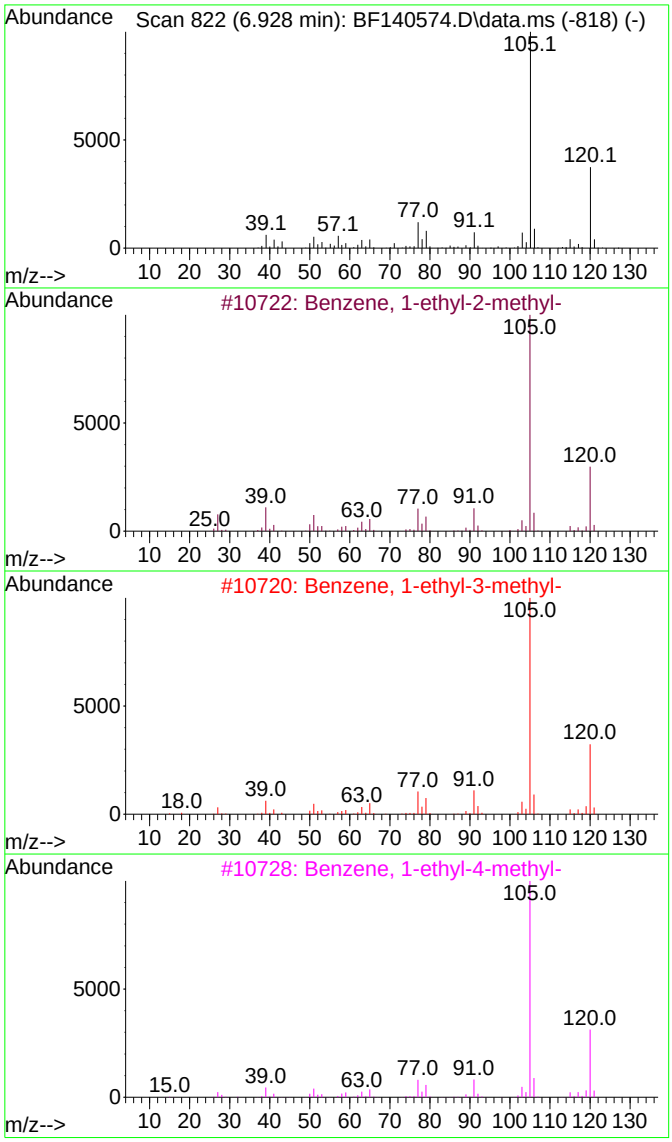
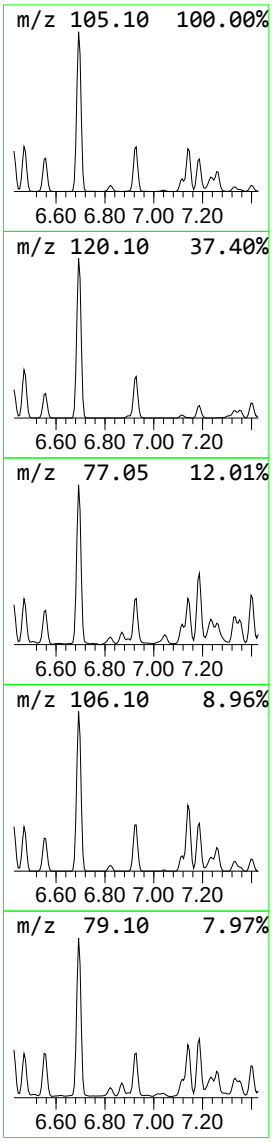
Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	10.17 ng	294131	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86





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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

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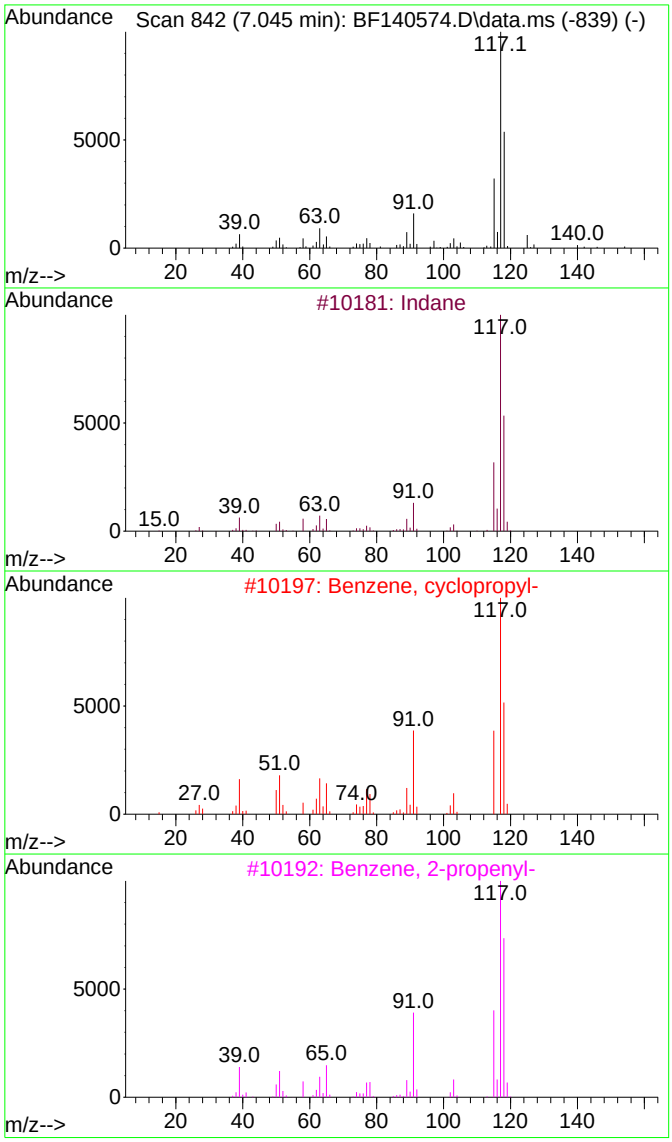
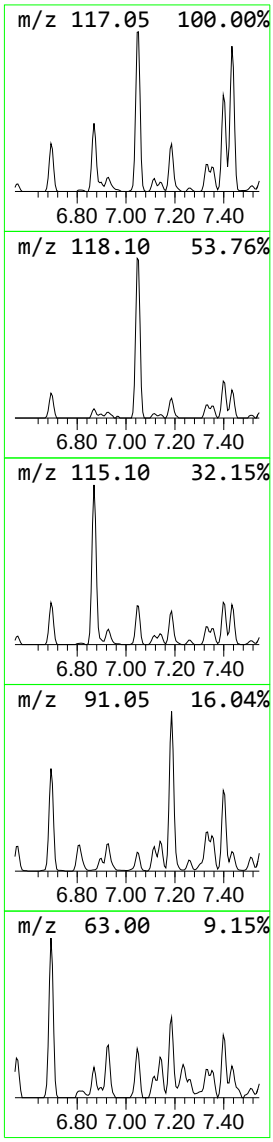
Peak Number 13 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	4.82 ng	139387	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	53





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

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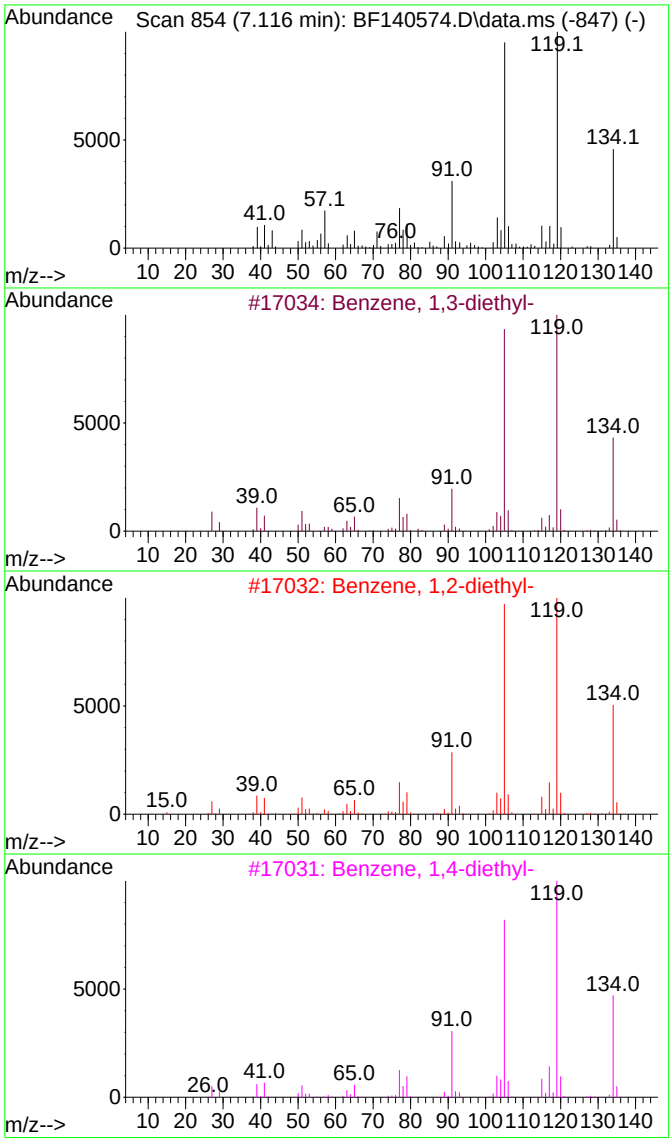
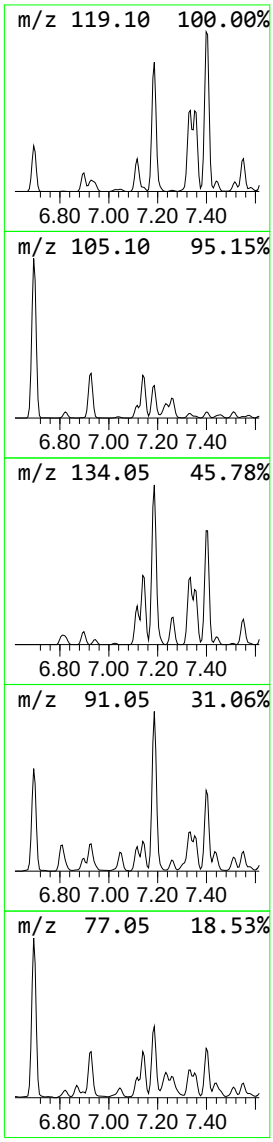
Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	5.39 ng	155730	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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

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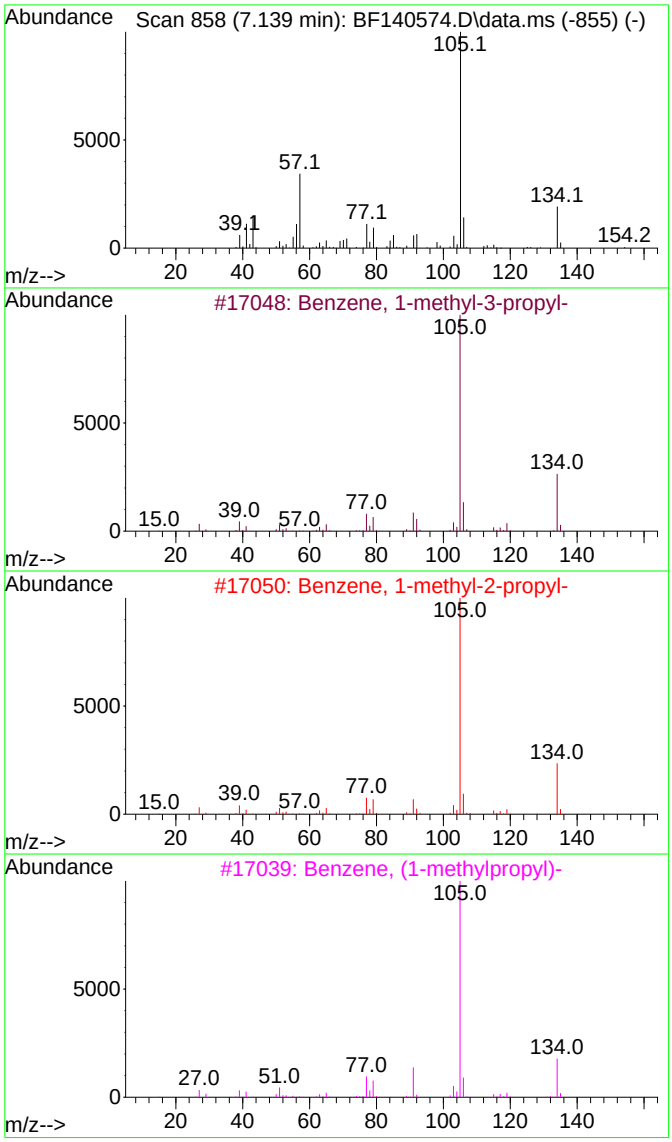
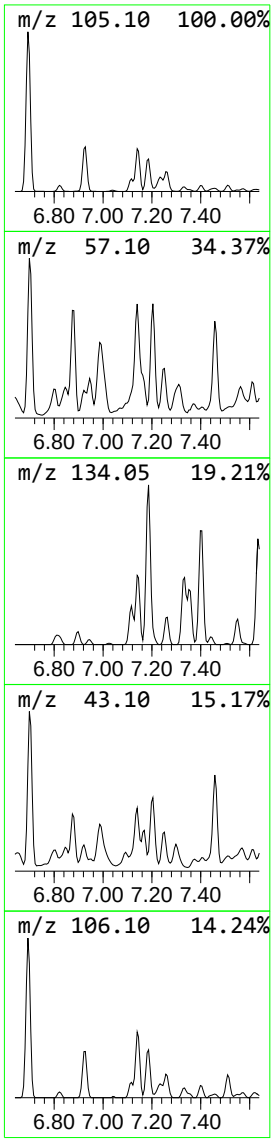
Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	8.97 ng	259378	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
5	2-Indanol	134	C9H10O	004254-29-9	59





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

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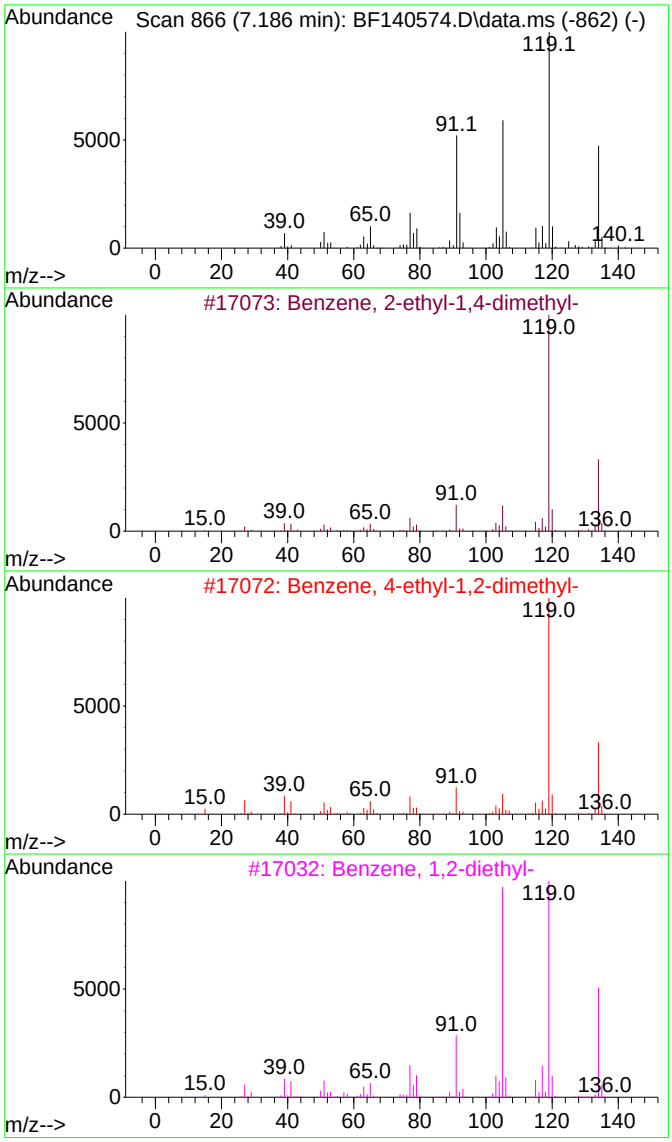
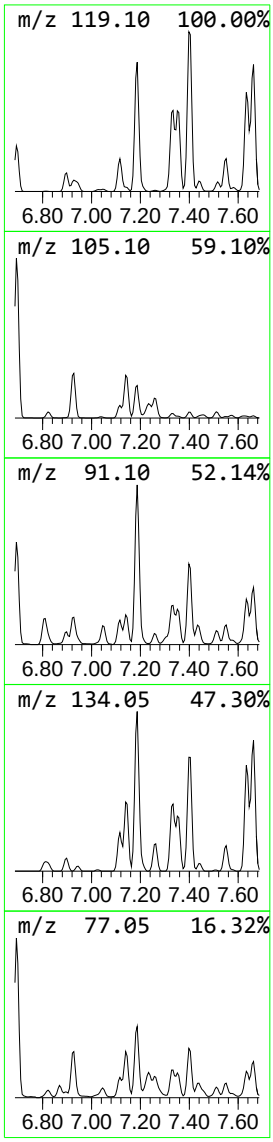
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.186	17.99 ng	520188	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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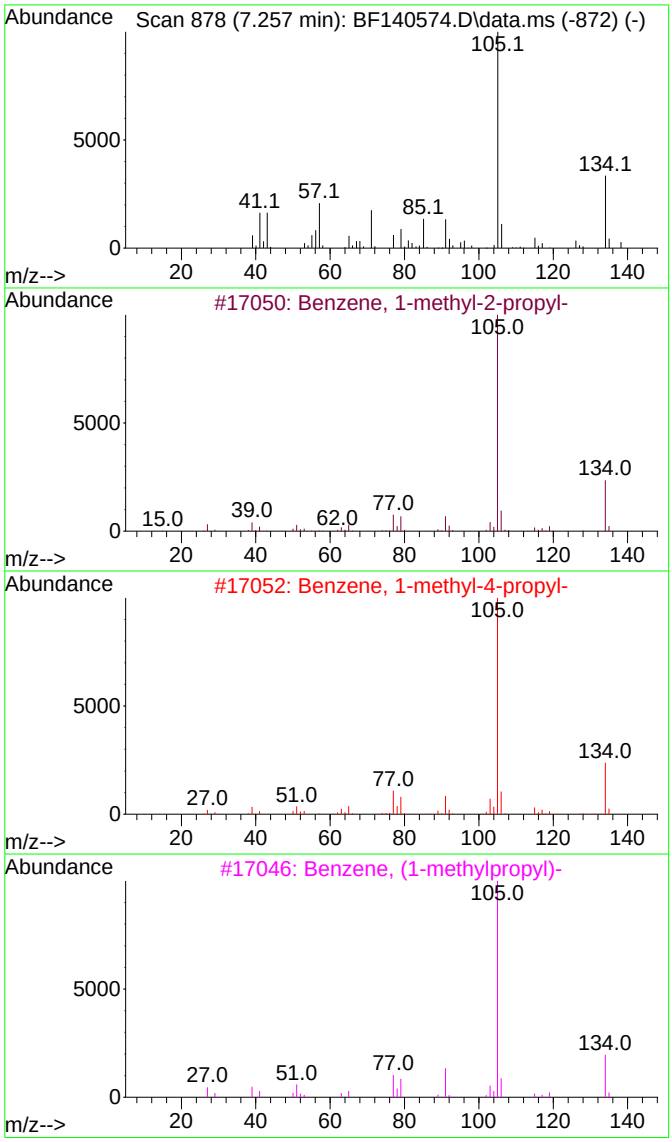
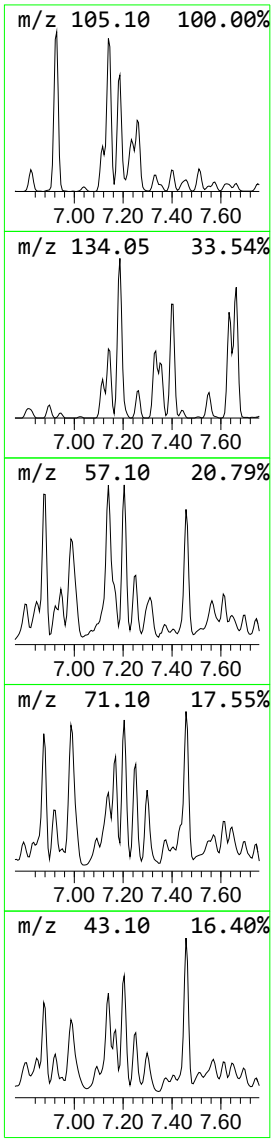
Peak Number 17 Benzene, 1-methyl-2-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	8.18 ng	236542	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
4	2-Tolyloxirane	134	C9H10O	002783-26-8	50
5	2-Indanol	134	C9H10O	004254-29-9	40





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Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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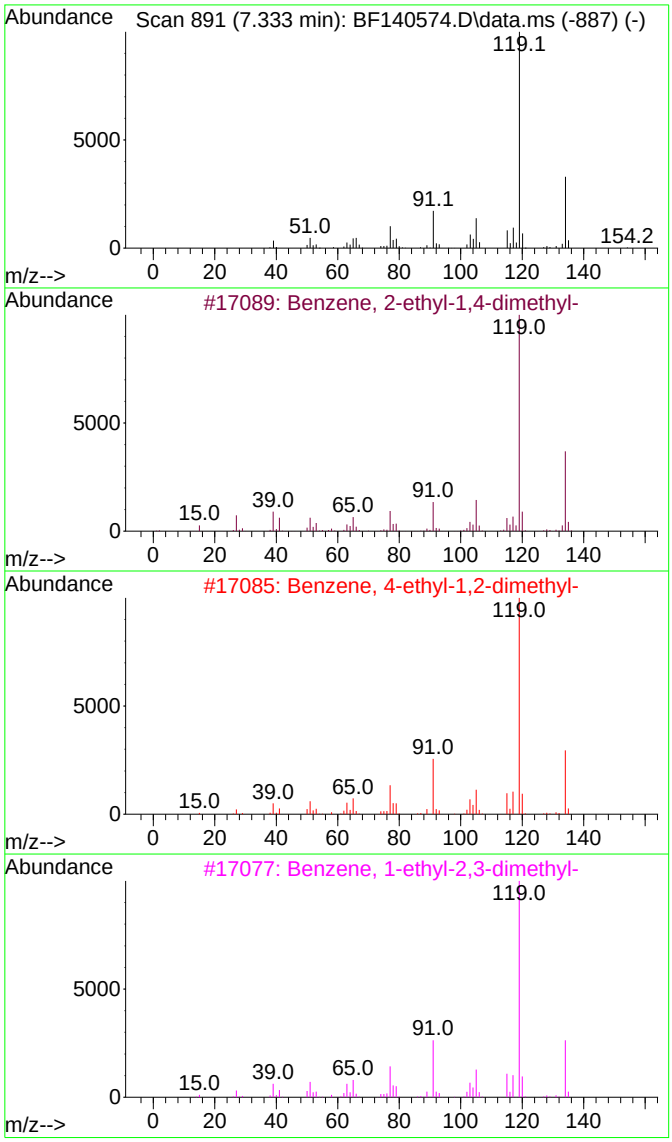
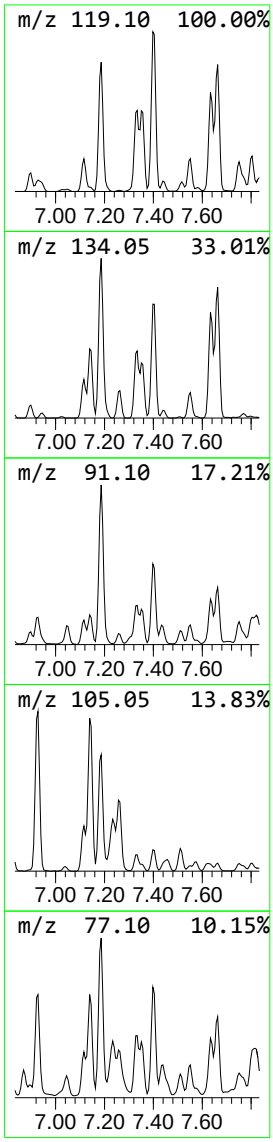
Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.333	6.33 ng	182881	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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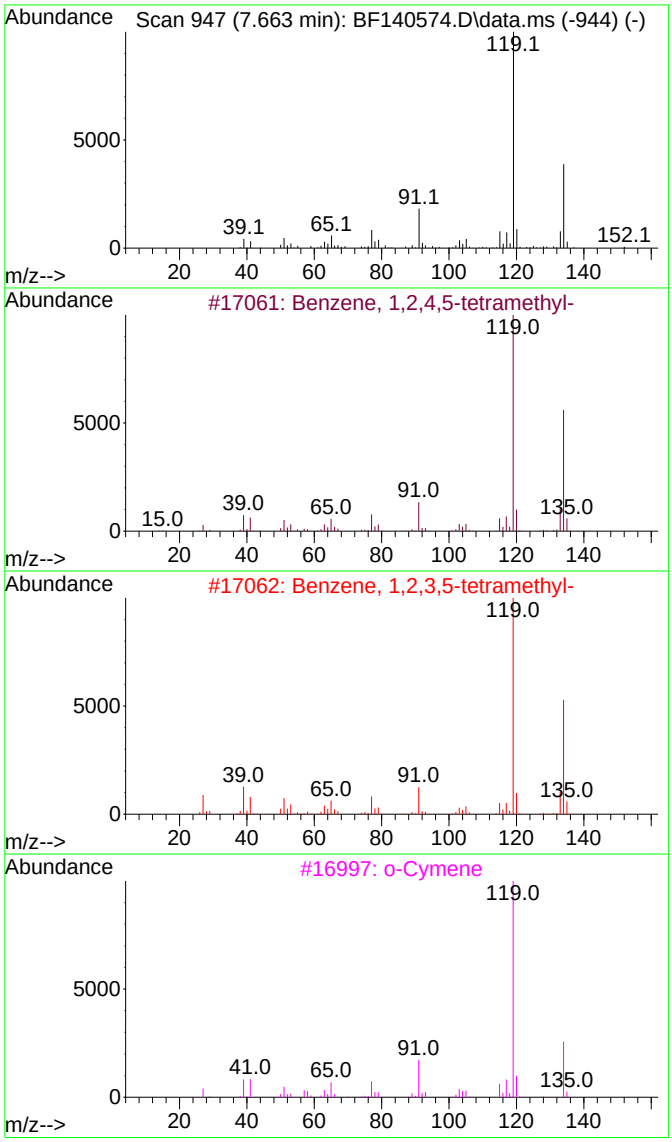
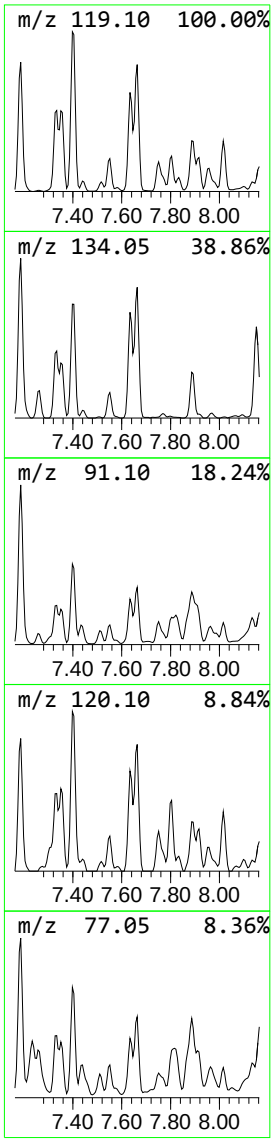
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.663	5.25 ng	419552	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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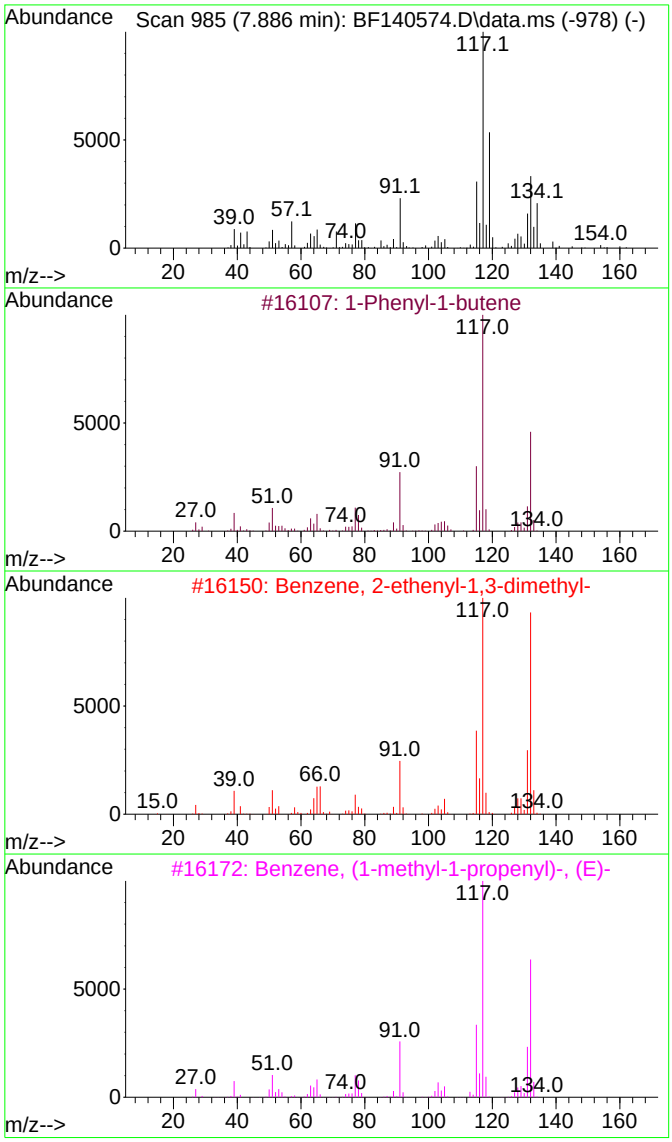
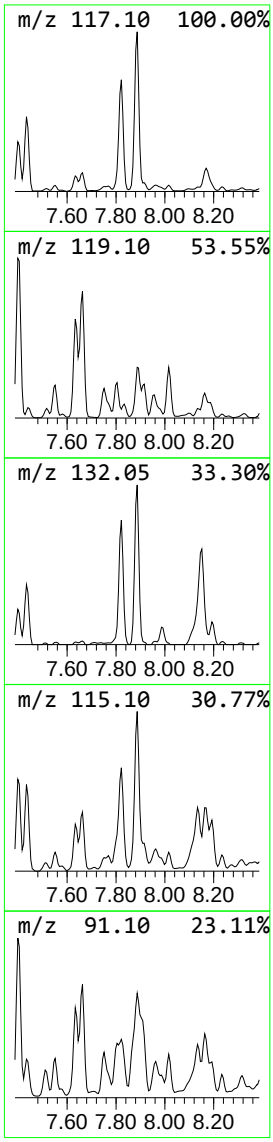
Peak Number 20 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.886	6.90 ng	550993	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140574.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : P4925-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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
Butane, 2-metho...	2.140	36.0	ng	1040930	1	6.869	578255	20.0
Heptane, 2-methyl-	3.922	4.9	ng	141323	1	6.869	578255	20.0
Octane	4.516	6.0	ng	172272	1	6.869	578255	20.0
Ethylbenzene	5.363	6.0	ng	174119	1	6.869	578255	20.0
o-Xylene	5.722	8.0	ng	232377	1	6.869	578255	20.0
Nonane	5.781	7.7	ng	223646	1	6.869	578255	20.0
Benzene, propyl-	6.328	10.6	ng	305092	1	6.869	578255	20.0
Nonane, 4-methyl-	6.363	6.5	ng	187304	1	6.869	578255	20.0
Benzene, 1-ethy...	6.392	20.5	ng	592896	1	6.869	578255	20.0
Benzene, 1-ethy...	6.428	6.7	ng	194772	1	6.869	578255	20.0
Benzene, 1,2,3-...	6.692	39.3	ng	1135320	1	6.869	578255	20.0
Benzene, 1-ethy...	6.928	10.2	ng	294131	1	6.869	578255	20.0
Indane	7.045	4.8	ng	139387	1	6.869	578255	20.0
Benzene, 1,3-di...	7.116	5.4	ng	155730	1	6.869	578255	20.0
Benzene, 1-meth...	7.139	9.0	ng	259378	1	6.869	578255	20.0
Benzene, 2-ethy...	7.186	18.0	ng	520188	1	6.869	578255	20.0
Benzene, 1-meth...	7.257	8.2	ng	236542	1	6.869	578255	20.0
Benzene, 4-ethy...	7.333	6.3	ng	182881	1	6.869	578255	20.0
Benzene, 1,2,4,...	7.663	5.3	ng	419552	2	8.151	1598030	20.0
1-Phenyl-1-butene	7.886	6.9	ng	550993	2	8.151	1598030	20.0