LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

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_P\Methods\8270E-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008472.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.781	130	135	140	rBV	1171699	1697743	5.67%	0.375%
2	3.928	152	160	172	rVB	903372	1681706	5.62%	0.372%
3	4.034	172	178	184	rBV	1271788	1808088	6.04%	0.400%
4	4.275	215	219	229	rVB	930955	1514462	5.06%	0.335%
5	5.246	380	384	389	rVV	3114931	4577890	15.30%	1.012%
6	5.317	389	396	402	rVV2	1230476	2783813	9.30%	0.616%
7	5.399	402	410	423	rVB	3341097	8056023	26.92%	1.782%
8	5.746	461	469	476	rVB2	2569796	4598009	15.36%	1.017%
9	5.999	504	512	520	rBV	750407	1573260	5.26%	0.348%
10	6.217	542	549	556	rBV2	1249709	2259634	7.55%	0.500%
11	6.364	565	574	585	rVB5	629918	1834791	6.13%	0.406%
12	6.711	624	633	641	rVV2	3698109	8568180	28.63%	1.895%
13	6.787	641	646	648	rVV	1219253	1948037	6.51%	0.431%
14	6.822	648	652	657	rVV	5681911	9349122	31.24%	2.068%
15	6.881	657	662	668	rVV2	5532038	9554322	31.92%	2.113%
16	6.964	668	676	686	rVB	5510891	9950411	33.25%	2.201%
17	7.122	697	703	709	rVB	3844708	5969062	19.94%	1.320%
18	7.399	738	750	758	rBV2	12630284	29928141	100.00%	6.619%
19	7.711	797	803	808	rVB	1180060	1842768	6.16%	0.408%
20	7.769	808	813	821	rBV2	713778	1556328	5.20%	0.344%
21	7.846	821	826	833	rVB	3753752	6244899	20.87%	1.381%
22	8.099	862	869	875	rVB	2668565	4242462	14.18%	0.938%
23	8.222	884	890	894	rBV	2167830	3635169	12.15%	0.804%
24	8.275	894	899	904	rVV2	3492384	6620457	22.12%	1.464%
25	8.375	910	916	929	rVB3	7489698	15006851	50.14%	3.319%
26	8.499	929	937	939	rBV	1008490	1656864	5.54%	0.366%
27	8.534	939	943	950	rVV	1615303	2794115	9.34%	0.618%
28	8.687	963	969	973	rBV	2885281	4728195	15.80%	1.046%
29	8.740	973	978	984	rVB	3056871	5173240	17.29%	1.144%
30	8.840	985	995	1001	rBV	5981717	10367446	34.64%	2.293%
31	8.916	1001	1008	1012	rVV3	2258726	4663717	15.58%	1.031%
32	8.963	1012	1016	1025	rVB	3855426	6412572	21.43%	1.418%
33	9.087	1025	1037	1042	rBV7	1428175	3798566	12.69%	0.840%
34	9.169	1042	1051	1056	rBV2	1492777	3203027	10.70%	0.708%
35	9.363	1079	1084	1089	rVV	2974756	5298315	17.70%	1.172%
36	9.428	1089	1095	1103	rVB	4031098	7139128	23.85%	1.579%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

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_P\Methods\8270E-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.616	1119	1127	1131	rBV2	1294246	2583649	8.63%	0.571%
38	9.740	1139	1148	1151	rBV3	1139611	2278097	7.61%	0.504%
39	9.781	1151	1155	1158	rBV2	1802882	2547490	8.51%	0.563%
40	9.887	1167	1173	1176	rBV2	2051928	3575707	11.95%	0.791%
41	9.934	1176	1181	1189	rVV4	4254623	10491145	35.05%	2.320%
42	9.999	1189	1192	1198	rVV2	1822510	3117819	10.42%	0.690%
43	10.069	1199	1204	1206	rVV	928503	1745412	5.83%	0.386%
44	10.116	1209	1212	1216	rVV3	1286373	2035035	6.80%	0.450%
45	10.234	1226	1232	1241	rVV	1268479	2245406	7.50%	0.497%
46	10.446	1262	1268	1272	rVV5	668788	1698111	5.67%	0.376%
47	10.516	1272	1280	1285	rVV2	6394675	11623494	38.84%	2.571%
48	10.587	1285	1292	1298	rVV2	4945814	9948277	33.24%	2.200%
49	10.646	1298	1302	1306	rVB	1449528	2148925	7.18%	0.475%
50	10.699	1306	1311	1316	rVB	1900730	2834108	9.47%	0.627%
51	10.752	1316	1320	1328	rVB3	1166194	1939505	6.48%	0.429%
52	11.193	1390	1395	1398	rVV	1063987	1892026	6.32%	0.418%
53	11.234	1398	1402	1410	rVV4	1020874	2405341	8.04%	0.532%
54	11.305	1410	1414	1420	rVB2	824501	1515125	5.06%	0.335%
55	11.375	1420	1426	1432	rBV3	1218980	2187920	7.31%	0.484%
56	11.452	1432	1439	1446	rBV3	2222863	4362316	14.58%	0.965%
57	11.569	1453	1459	1467	rBV3	2552898	5798833	19.38%	1.282%
58	11.640	1468	1471	1477	rVB3	1004953	1774097	5.93%	0.392%
59	11.722	1481	1485	1494	rVB3	1159813	2244858	7.50%	0.496%
60	11.975	1521	1528	1533	rBV	4985818	8046638	26.89%	1.780%
61	12.210	1558	1568	1573	rVB	6410300	12866106	42.99%	2.845%
62	12.422	1597	1604	1608	rBV	3333056	6453355	21.56%	1.427%
63	12.646	1638	1642	1649	rVB4	902165	2035364	6.80%	0.450%
64	12.781	1661	1665	1676	rVB2	1250225	3070812	10.26%	0.679%
65	12.869	1676	1680	1685	rBV4	1161375	2237377	7.48%	0.495%
66	12.928	1685	1690	1694	rVB	2648885	3745346	12.51%	0.828%
67	13.004	1699	1703	1707	rVB	1119766	1600714	5.35%	0.354%
68	13.228	1732	1741	1747	rVB2	5121116	8947142	29.90%	1.979%
69	13.316	1752	1756	1763	rVB3	794067	1779941	5.95%	0.394%
70	13.551	1790	1796	1798	rBV	2285100	3898792	13.03%	0.862%
71	13.716	1818	1824	1828	rVV	3090589	5931390	19.82%	1.312%
72	13.769	1829	1833	1837	rVB	1893530	2894225	9.67%	0.640%
73	13.881	1843	1852	1855	rBV3	3301032	6062343	20.26%	1.341%
74	13.916	1855	1858	1861	rBV4	1117725	1469927	4.91%	0.325%
75	14.216	1905	1909	1916	rVB3	988912	2028332	6.78%	0.449%
76	14.298	1917	1923	1928	rBV	5272118	7939736	26.53%	1.756%

LSC Area Percent Report

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Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A2-4-6.5

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_P\Methods\8270E-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.363	1930	1934	1944	rVB4	1458516	3428210	11.45%	0.758%
78	14.604	1970	1975	1984	rVB2	1390449	3791429	12.67%	0.839%
79	14.798	2004	2008	2013	rVV	2720883	4248005	14.19%	0.939%
80	14.875	2014	2021	2024	rVV2	1711711	3390549	11.33%	0.750%
81	14.916	2024	2028	2036	rVB4	2251513	3685385	12.31%	0.815%
82	15.016	2042	2045	2049	rVV	1205606	1857011	6.20%	0.411%
83	15.181	2067	2073	2077	rBV4	850864	1825783	6.10%	0.404%
84	15.257	2082	2086	2089	rVB	4286288	5245705	17.53%	1.160%
85	15.440	2112	2117	2120	rBV4	1076589	1818976	6.08%	0.402%
86	15.487	2121	2125	2130	rVB4	749420	1432949	4.79%	0.317%
87	15.663	2149	2155	2159	rVB	3267026	5502316	18.39%	1.217%
88	15.810	2176	2180	2185	rBV2	1272552	2205207	7.37%	0.488%
89	15.869	2186	2190	2193	rBV3	1155680	1944282	6.50%	0.430%
90	16.122	2228	2233	2235	rBV	4976755	7136885	23.85%	1.578%
91	16.151	2235	2238	2242	rVB	4520318	5890978	19.68%	1.303%
92	16.922	2364	2369	2372	rBV	3443090	4669295	15.60%	1.033%
93	16.969	2373	2377	2387	rVB	3100471	5412251	18.08%	1.197%
94	17.575	2477	2480	2490	rVV2	821935	1490271	4.98%	0.330%
95	17.663	2490	2495	2500	rVB	3555437	4479853	14.97%	0.991%
96	18.075	2562	2565	2572	rVB2	1027774	1850898	6.18%	0.409%
97	18.334	2605	2609	2618	rBV	2554095	3353225	11.20%	0.742%
98	18.945	2710	2713	2721	rVB	1698267	2278274	7.61%	0.504%
99	19.722	2841	2845	2850	rVB	2493492	3000911	10.03%	0.664%
100	21.375	3120	3126	3147	rBV	4376550	6185377	20.67%	1.368%

Sum of corrected areas: 452161074

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
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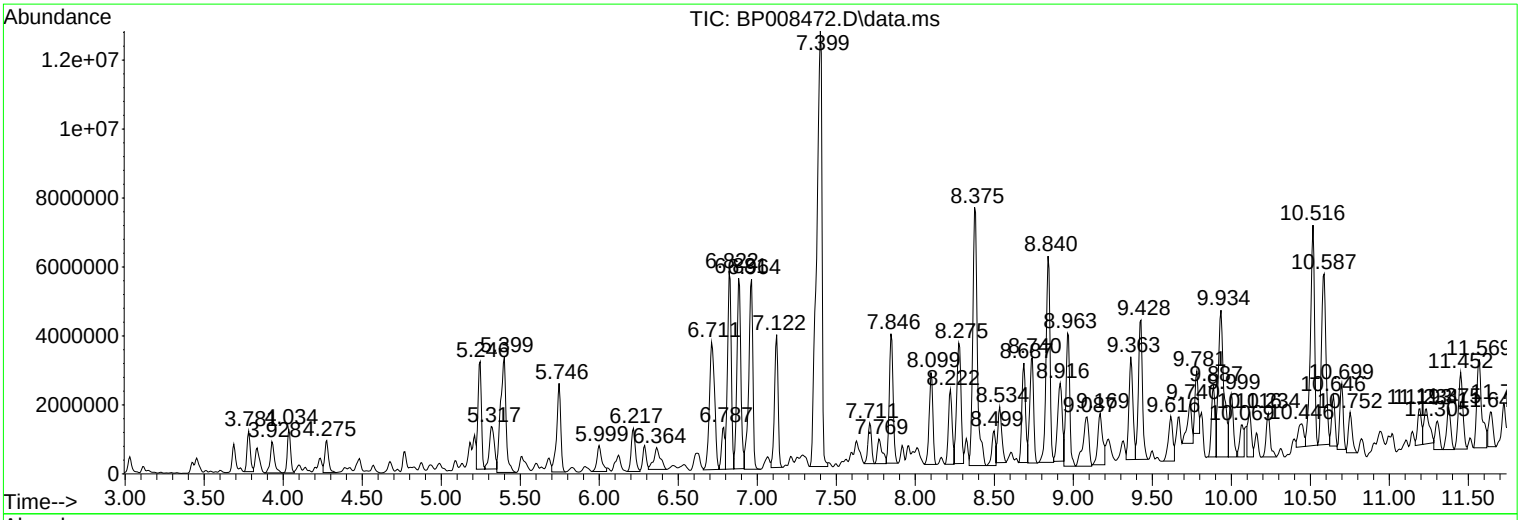
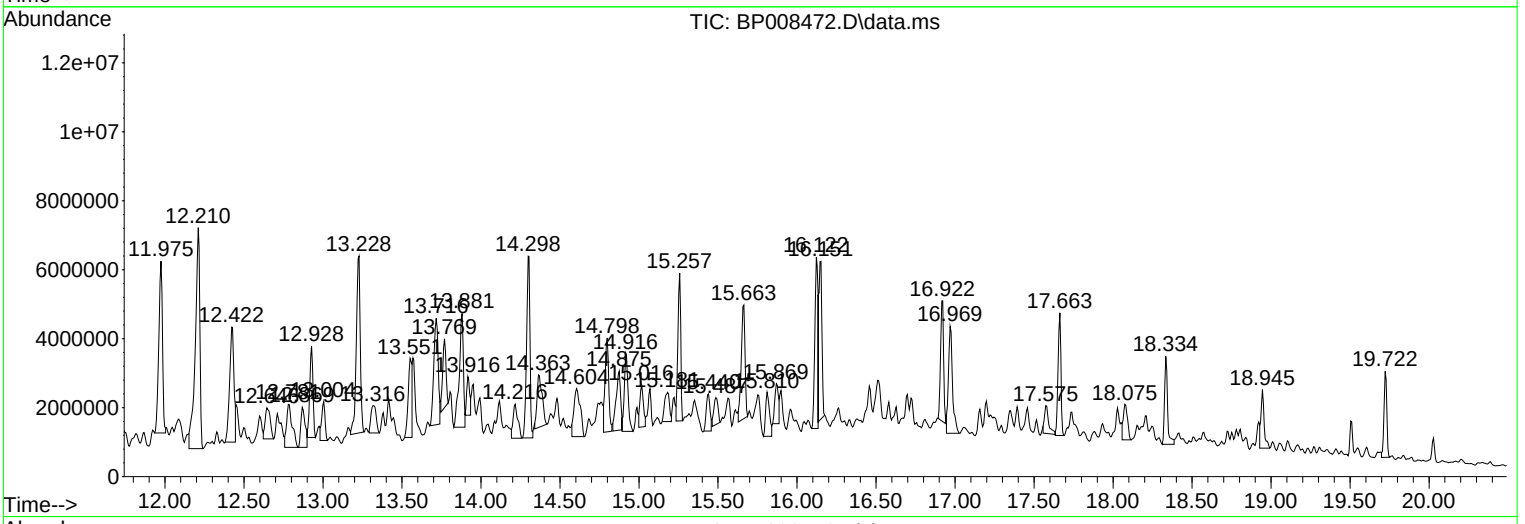
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

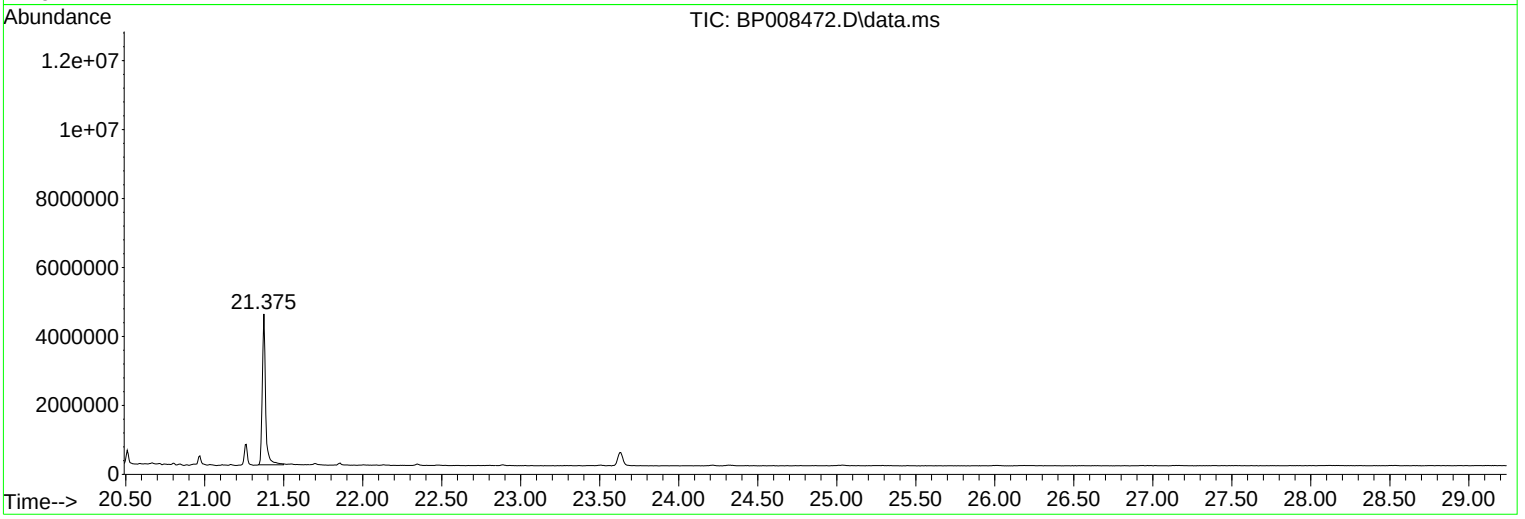
Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

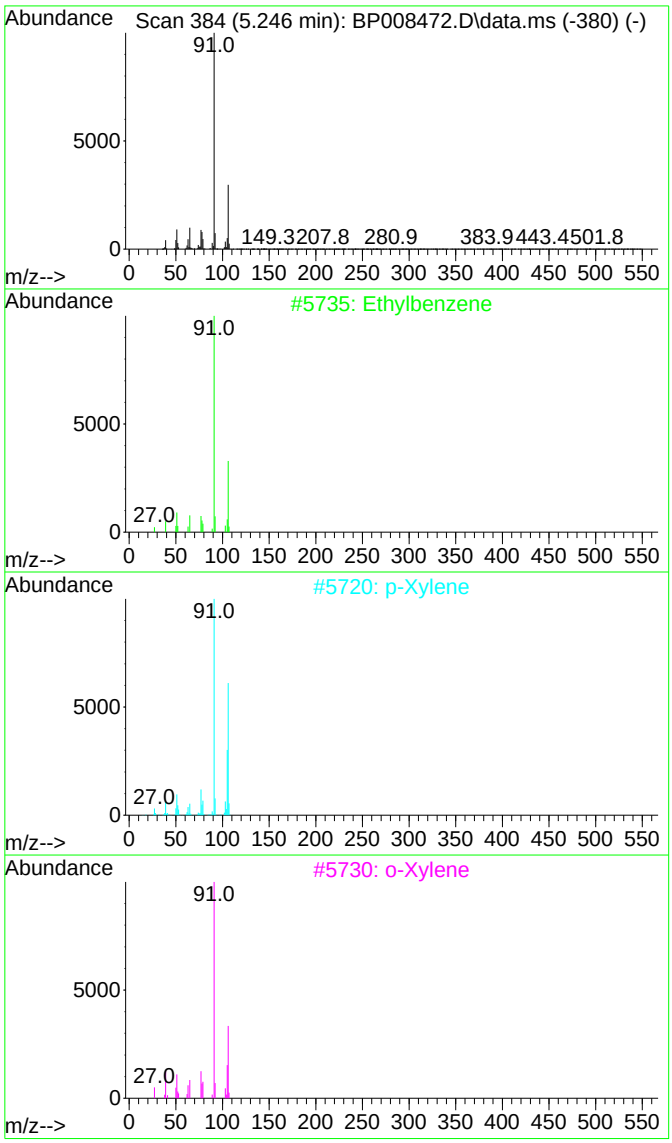
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

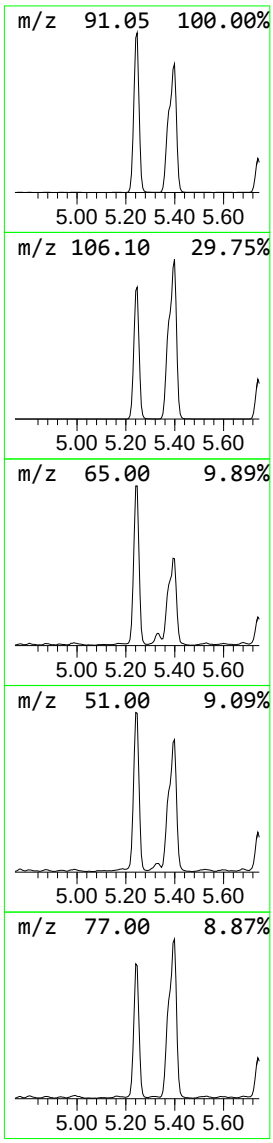
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.246	49.68 ng	4577890	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	p-Xylene	106	C8H10	000106-42-3	86
3	o-Xylene	106	C8H10	000095-47-6	78
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

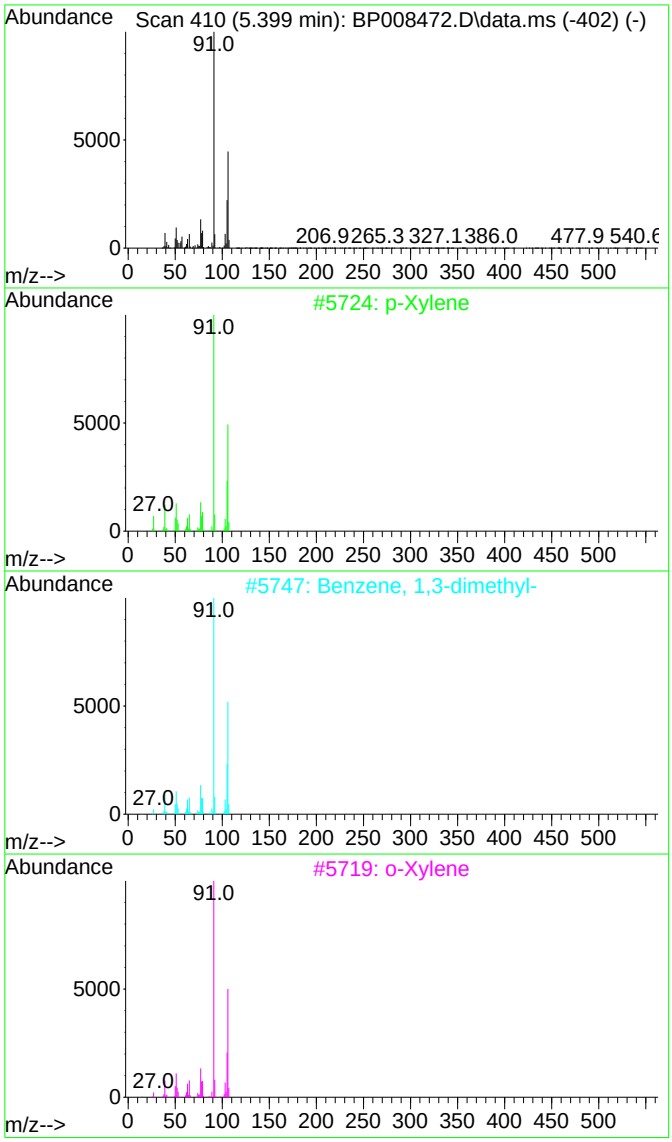
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

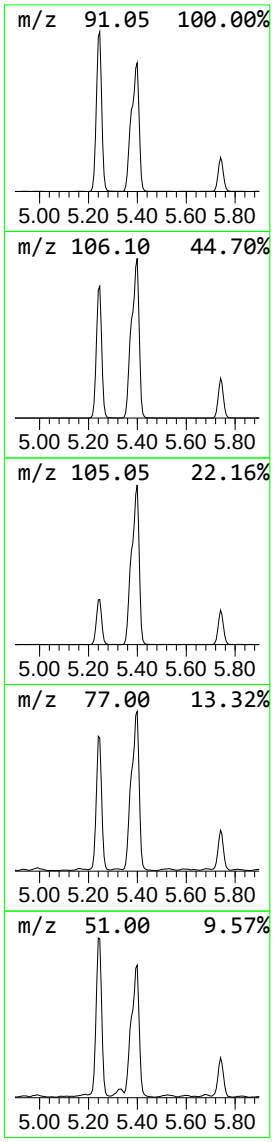
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.399	87.43 ng	8056020	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

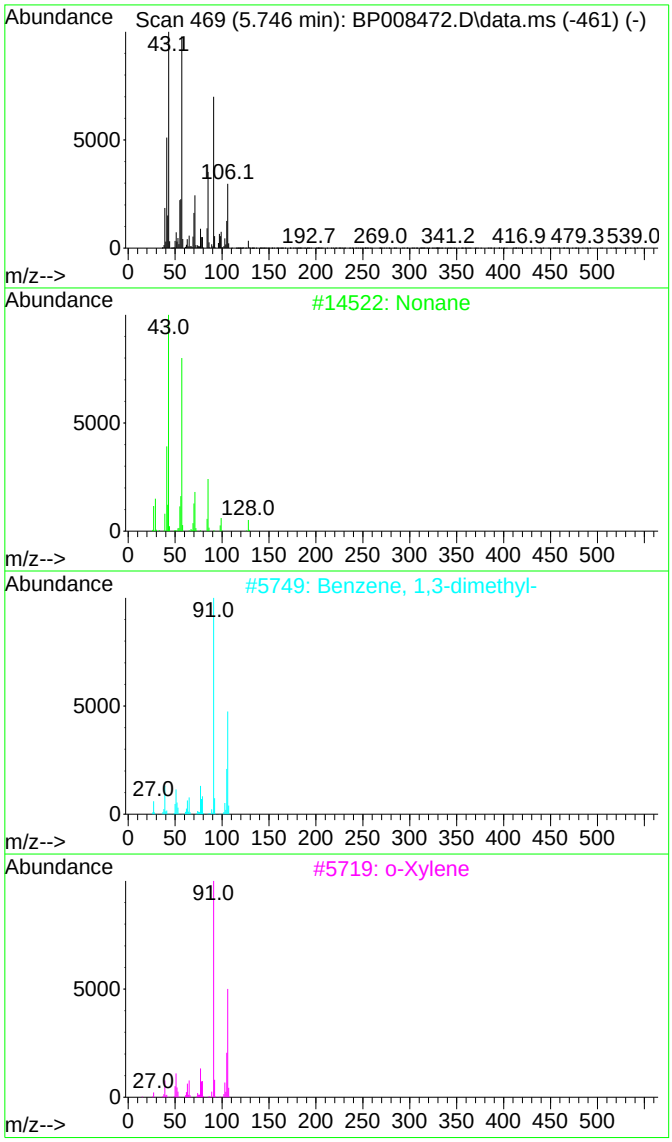
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

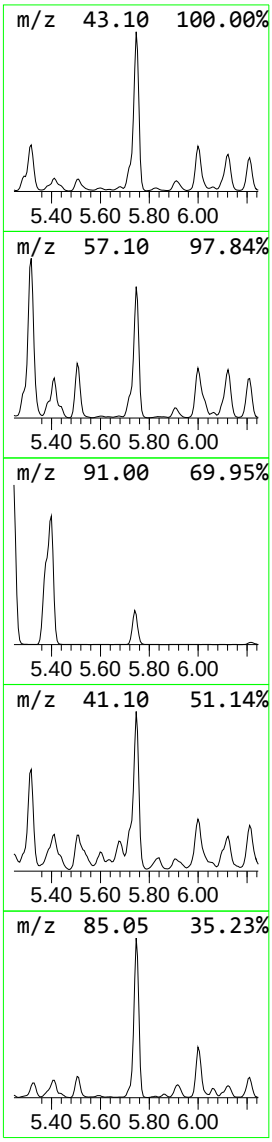
****

Peak Number 3 Nonane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.746	49.90 ng	4598010	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	76
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	59
3	o-Xylene	106	C8H10	000095-47-6	59
4	p-Xylene	106	C8H10	000106-42-3	59
5	Octane	114	C8H18	000111-65-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

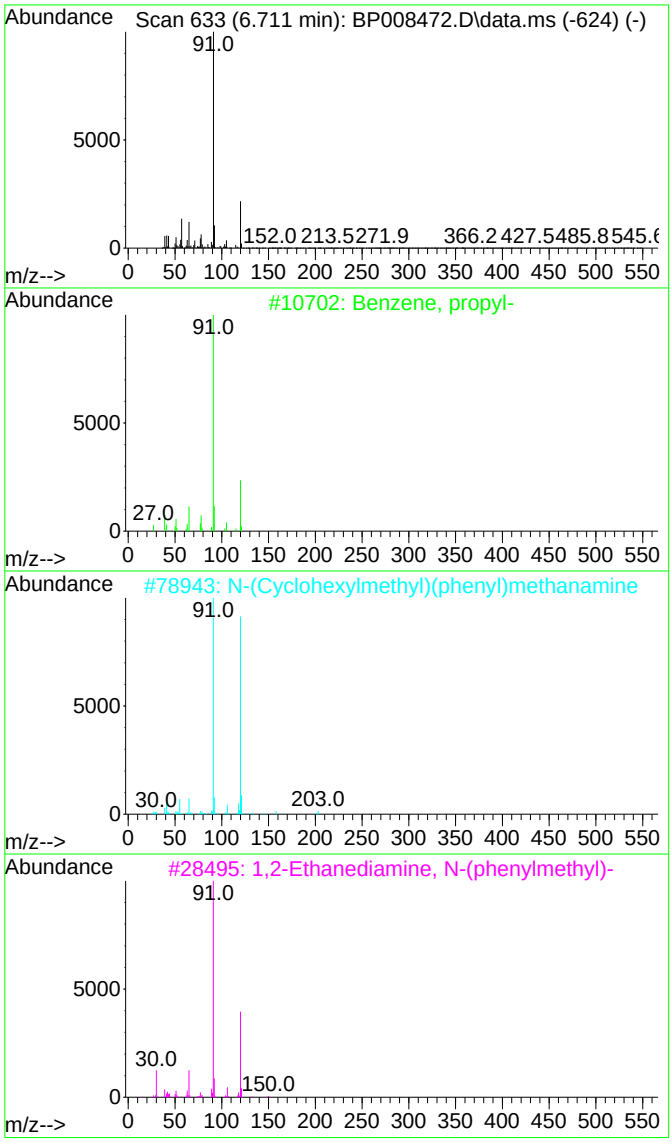
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

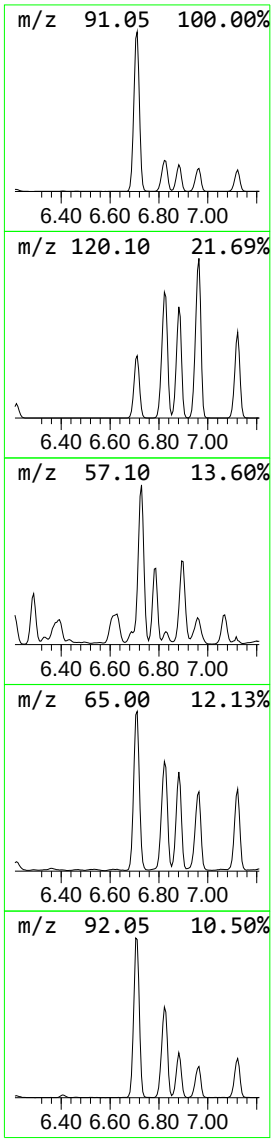
****

Peak Number 4 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.711	92.99 ng	8568180	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	N-(Cyclohexylmethyl)(phenyl)meth...	203	C14H21N	004352-47-0	59
3	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	59
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
5	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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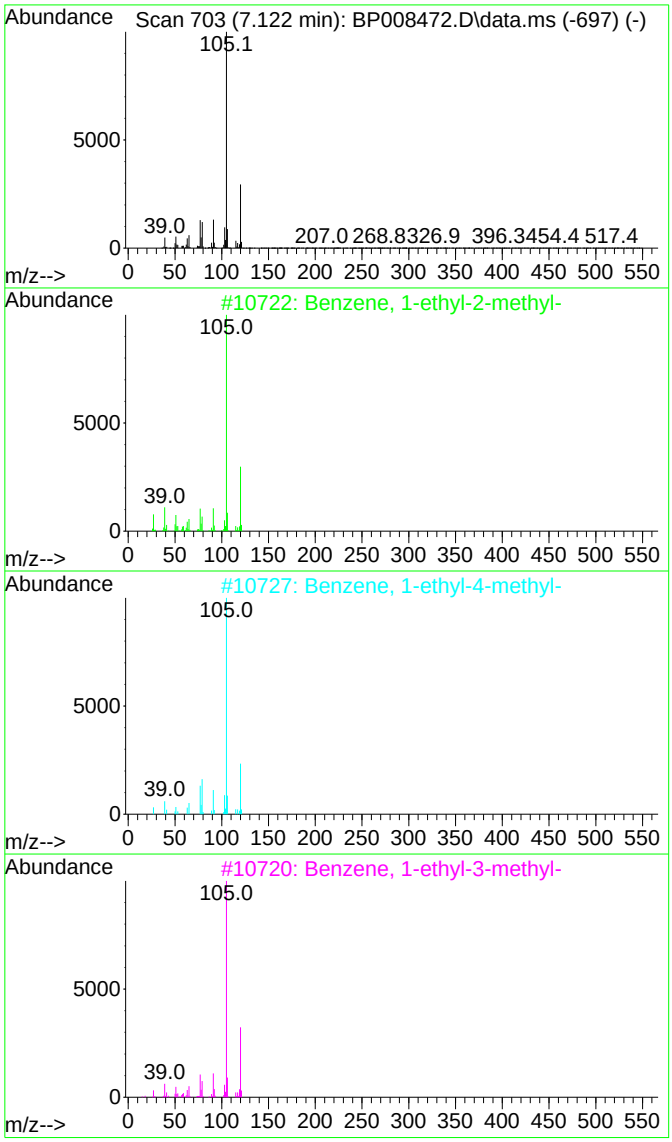
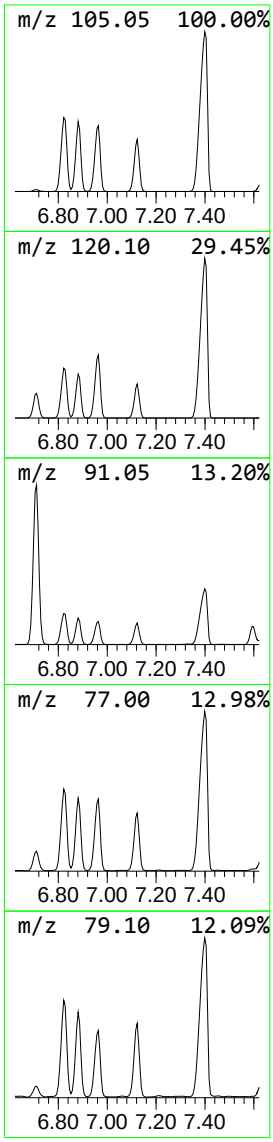
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	64.78 ng	5969060	1,4-Dichlorobenzene-d4	7.728

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	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

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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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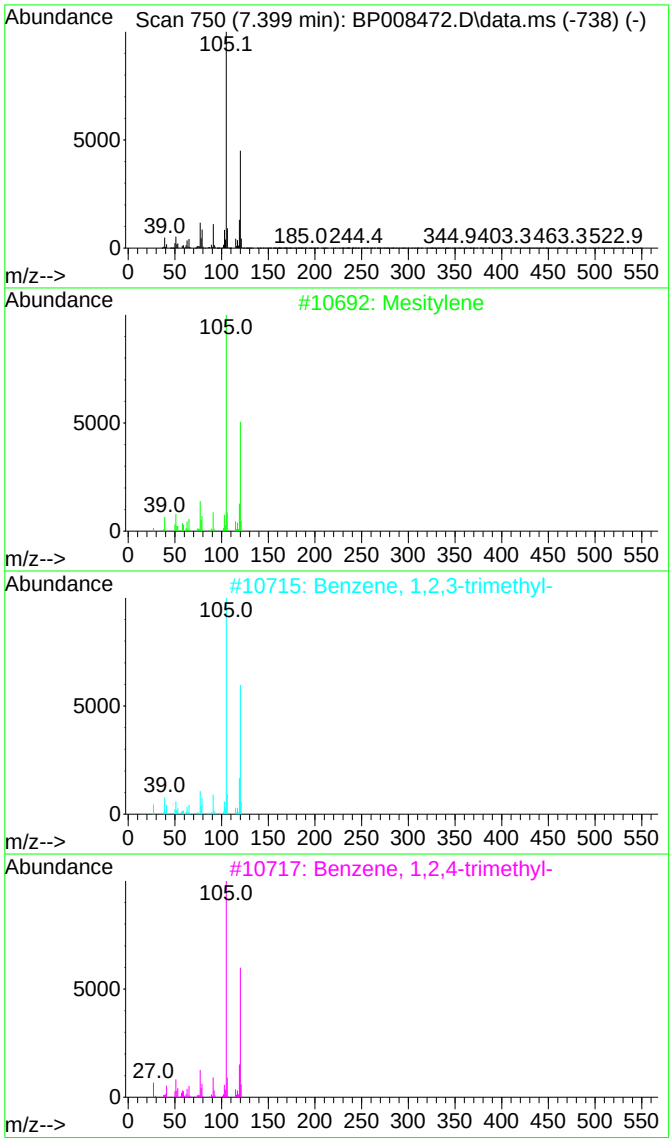
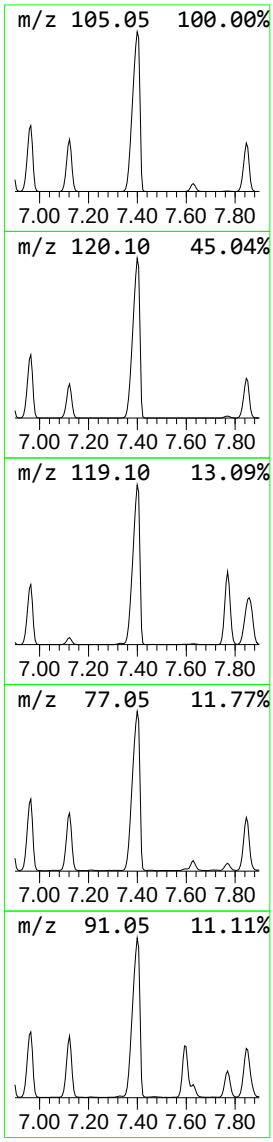
Peak Number 7 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.399	324.82 ng	29928100	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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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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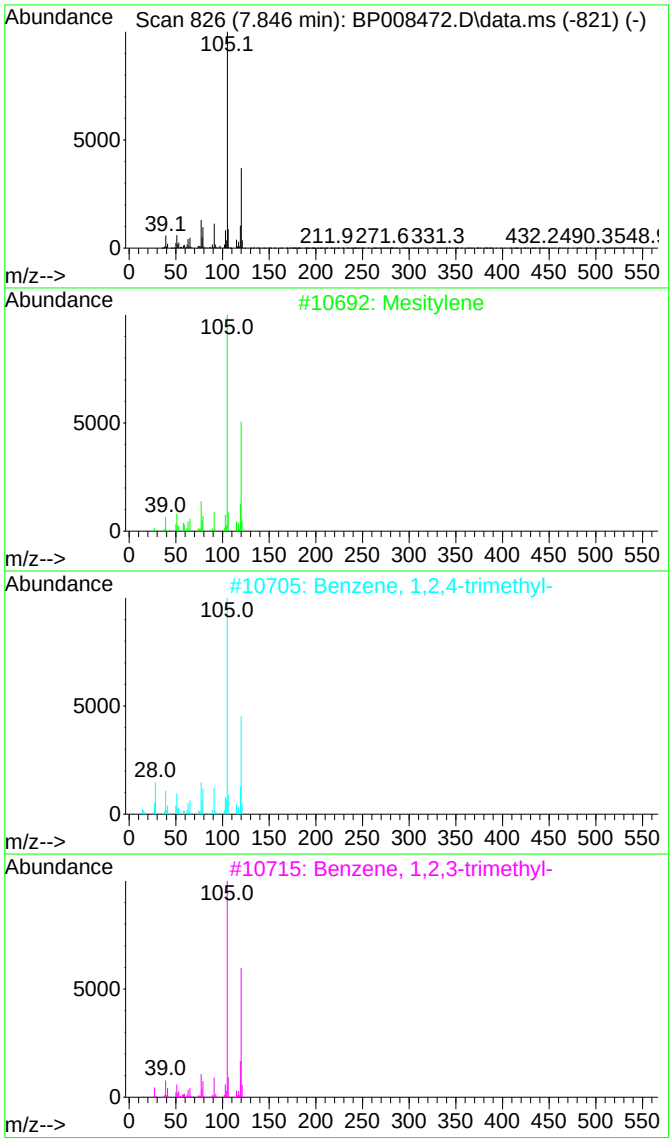
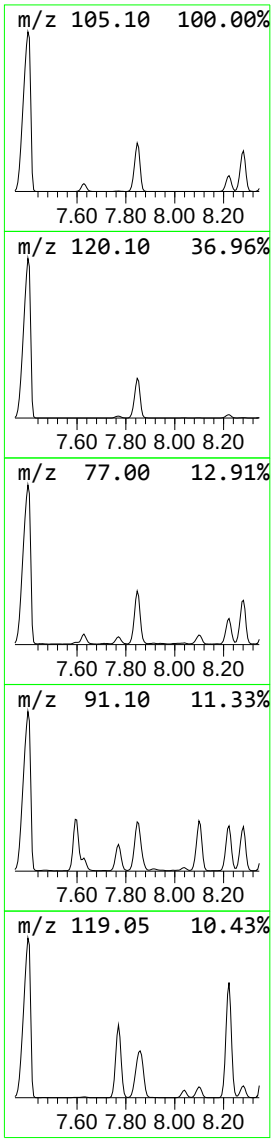
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.846	67.78 ng	6244900	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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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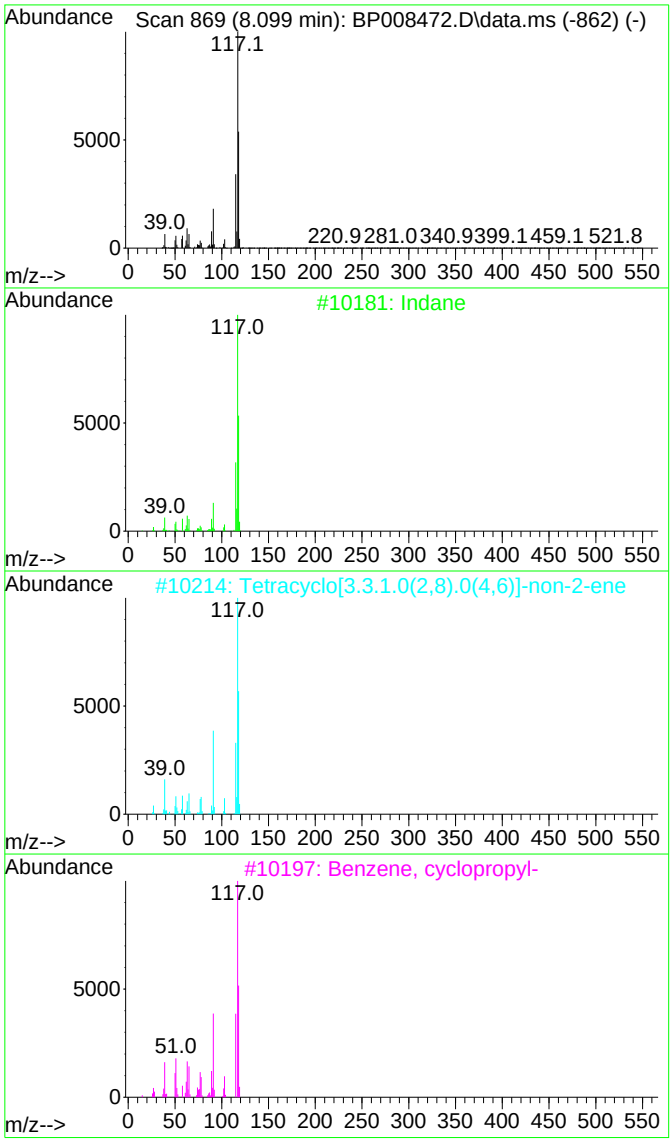
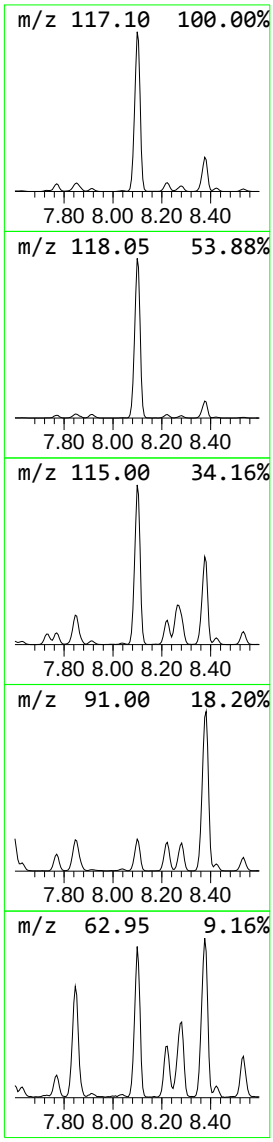
Peak Number 9 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.099	46.04 ng	4242460	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	47





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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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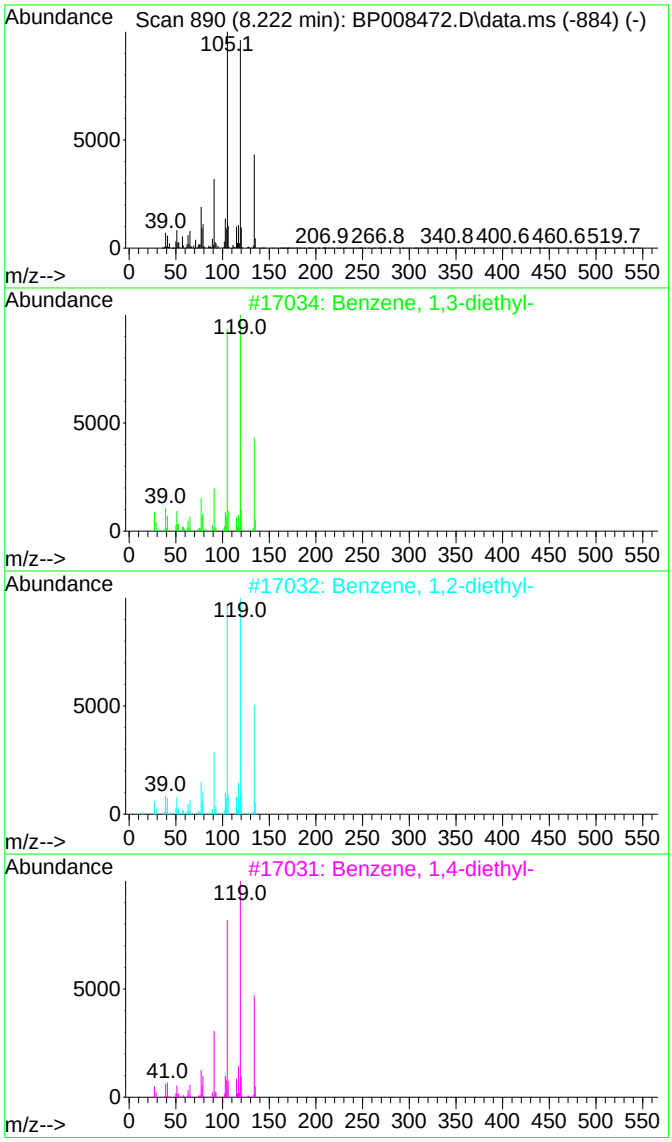
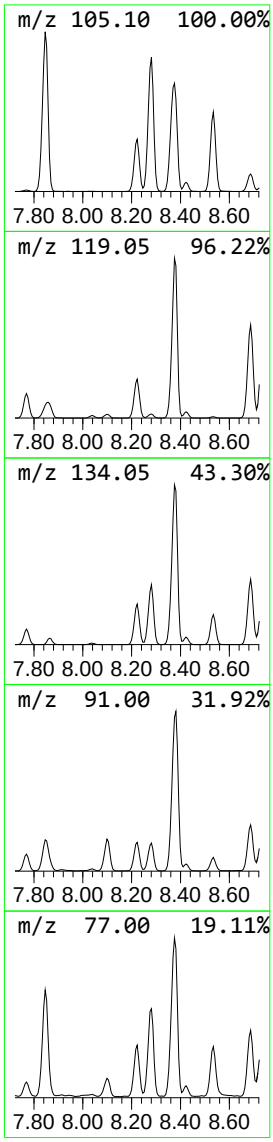
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.222	39.45 ng	3635170	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
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	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83





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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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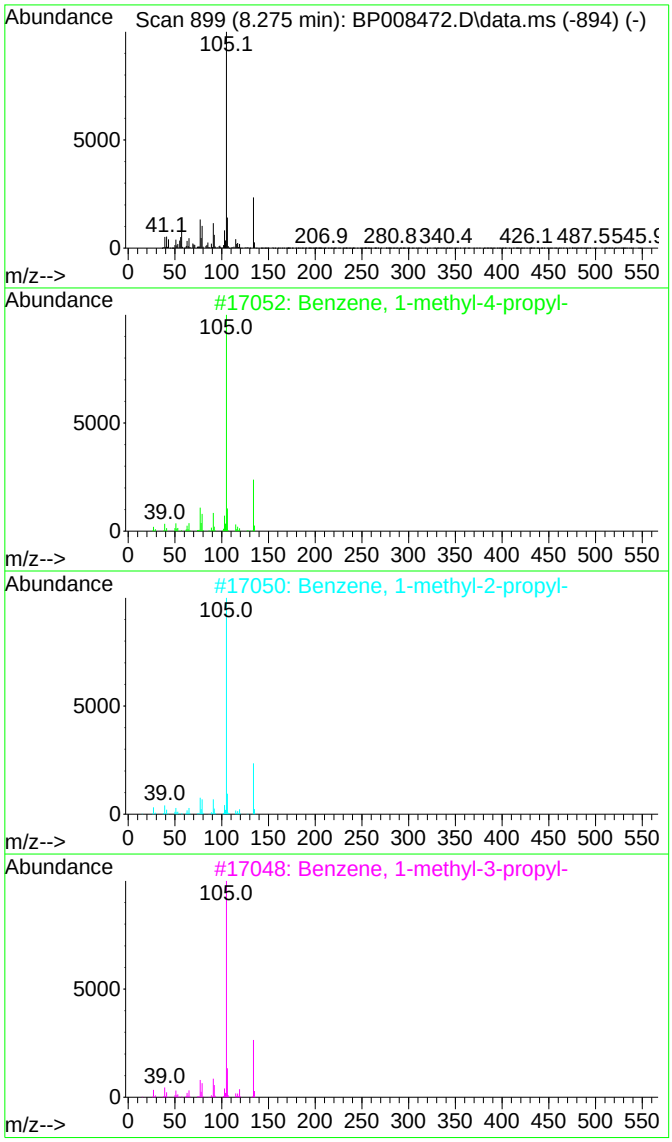
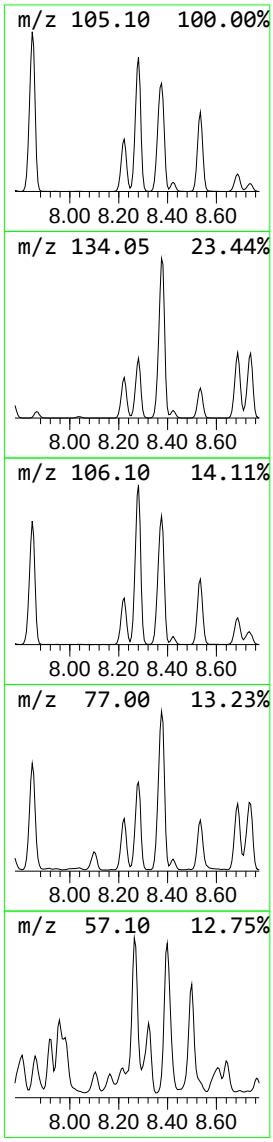
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	71.85 ng	6620460	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74





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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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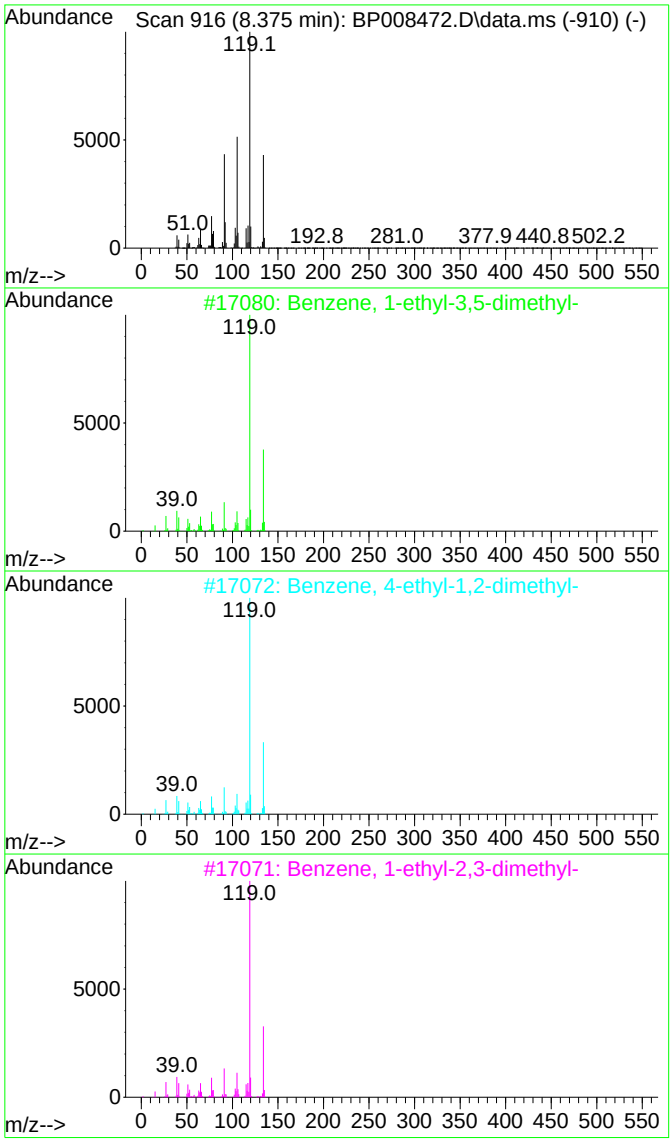
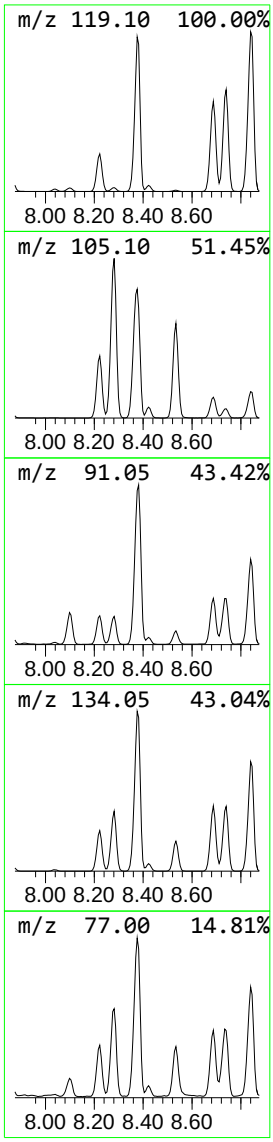
Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	162.87 ng	15006900	1,4-Dichlorobenzene-d4	7.728

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	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92





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Misc :
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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

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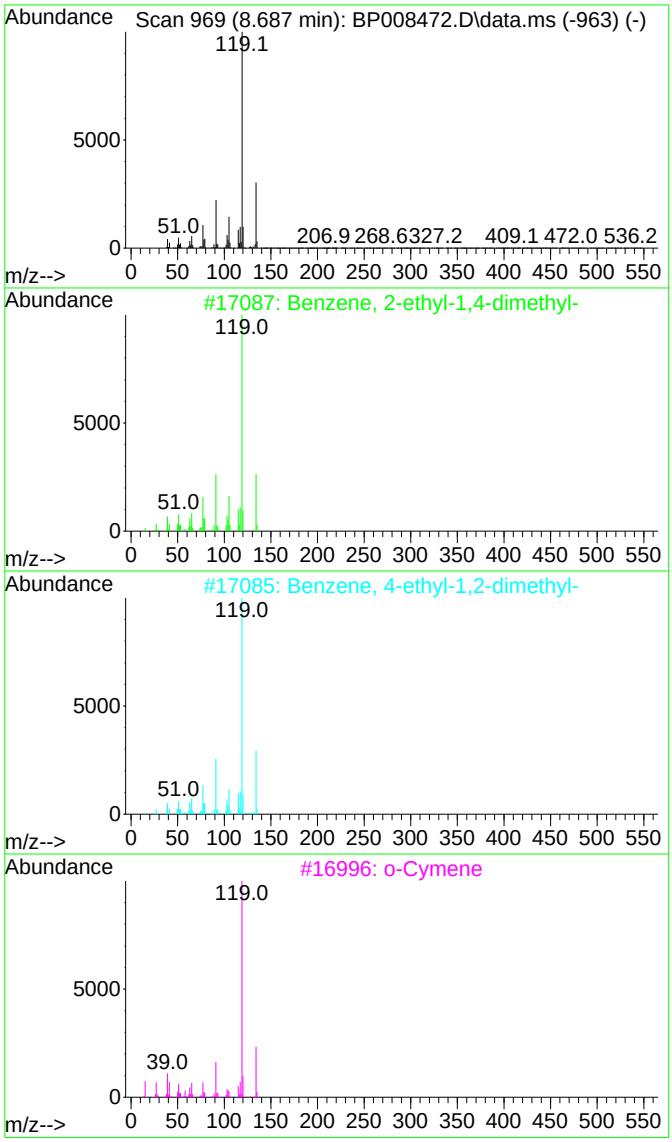
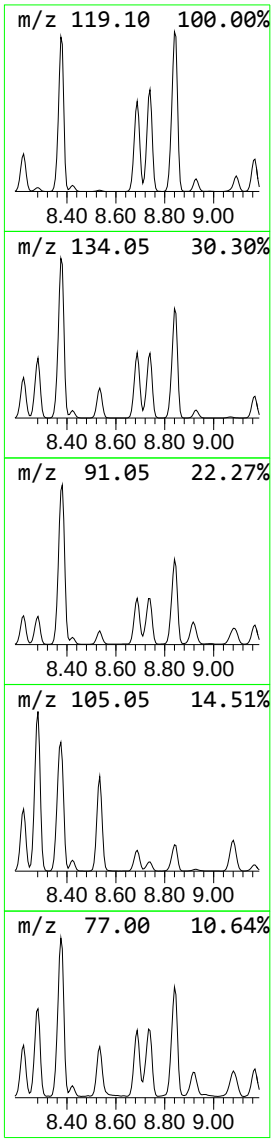
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.687	51.32 ng	4728200	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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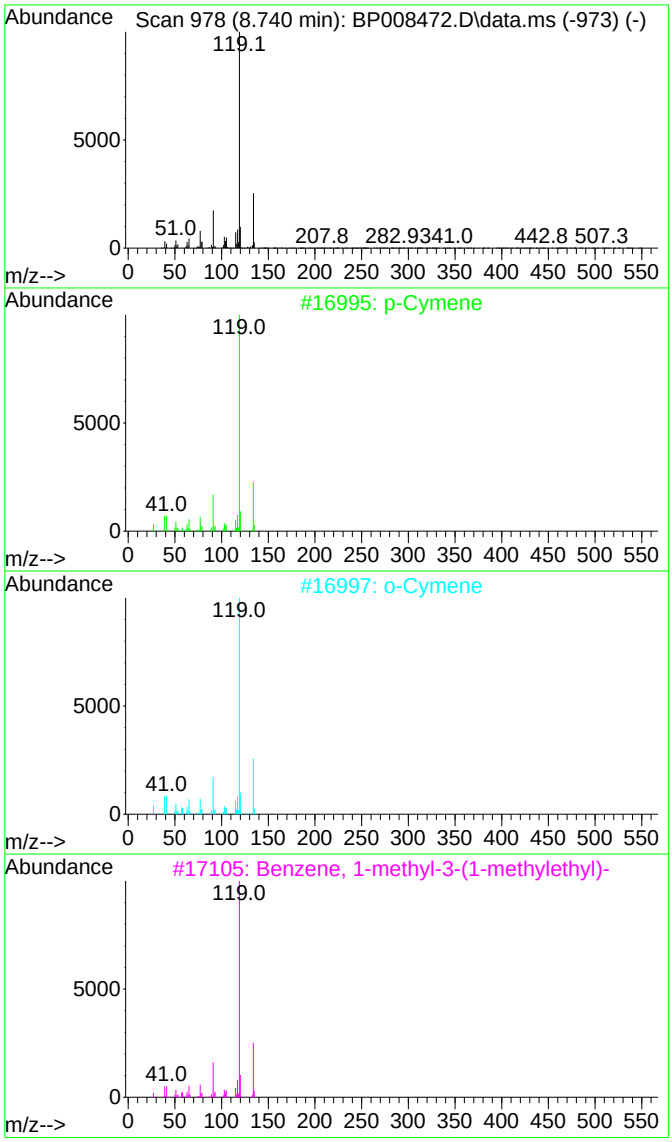
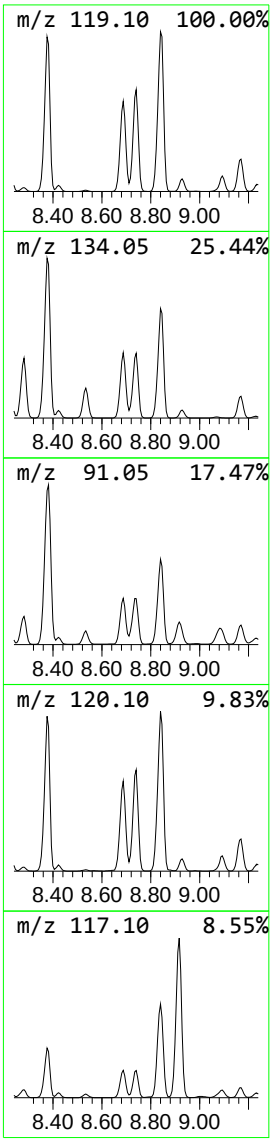
Peak Number 14 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.740	56.15 ng	5173240	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	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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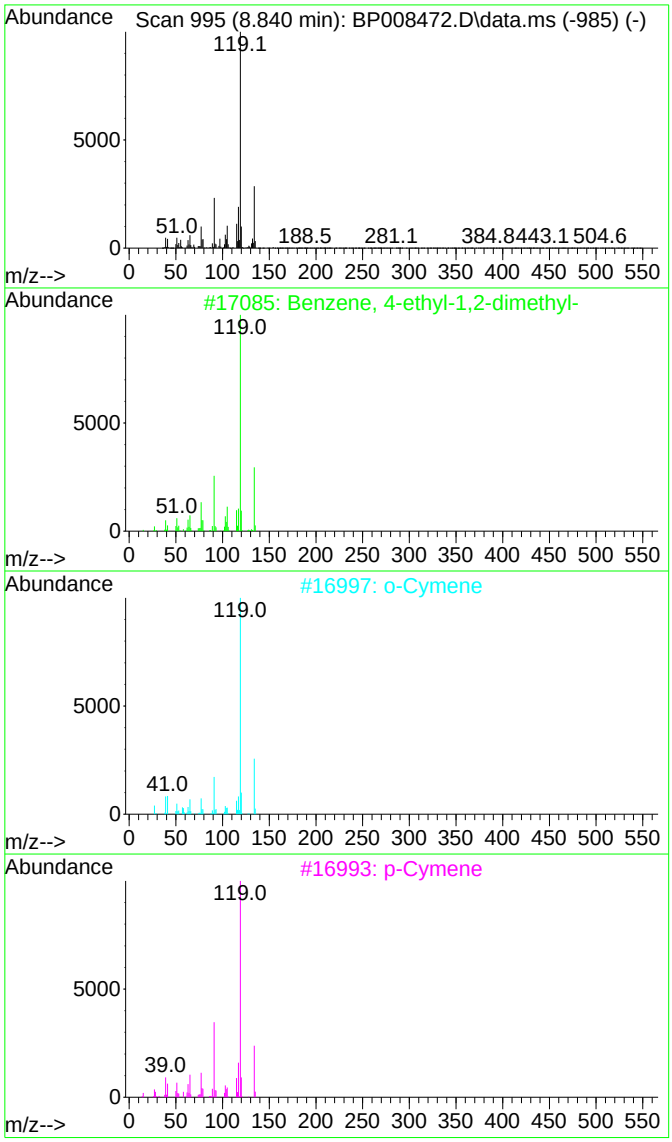
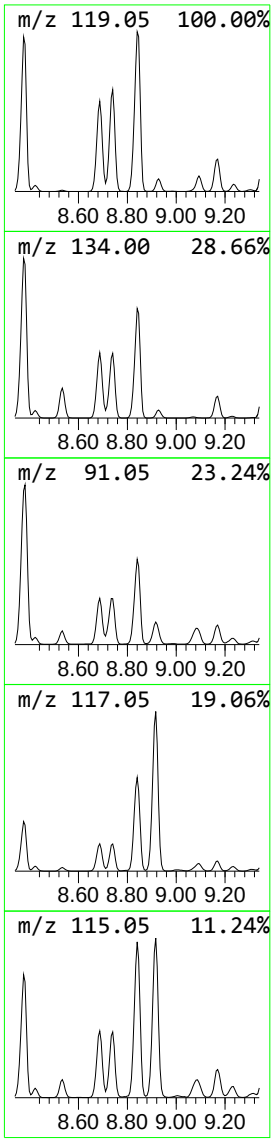
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.840	112.52 ng	10367400	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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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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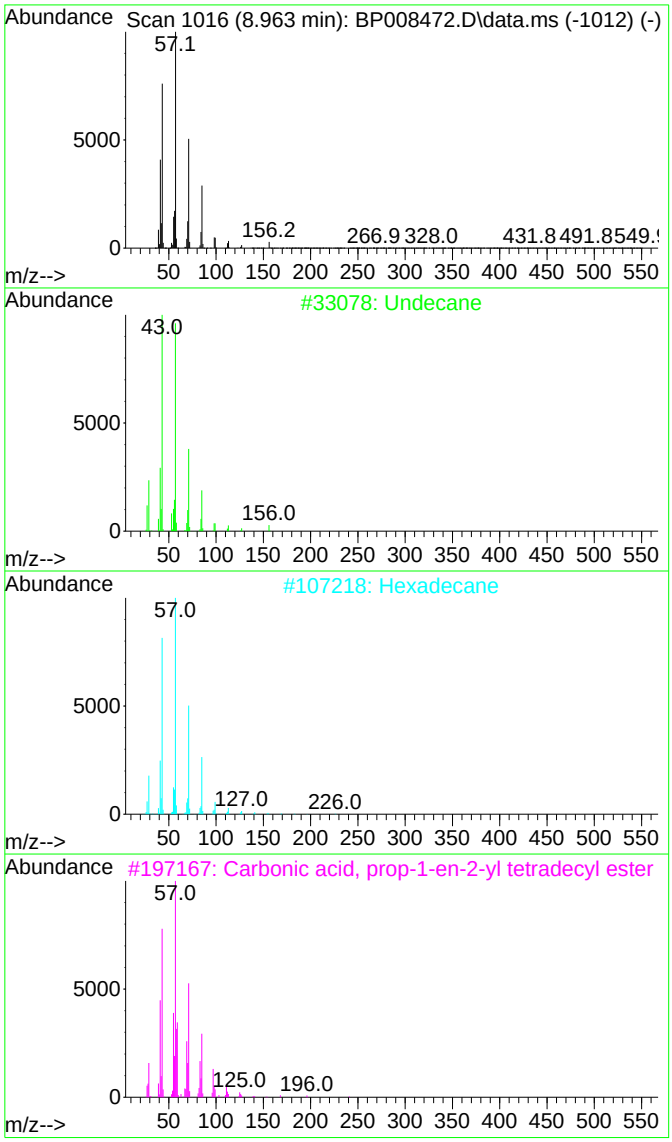
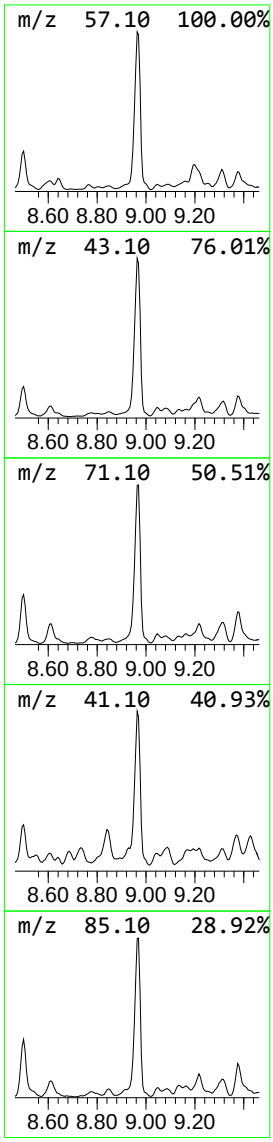
Peak Number 16 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.963	69.60 ng	6412570	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





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

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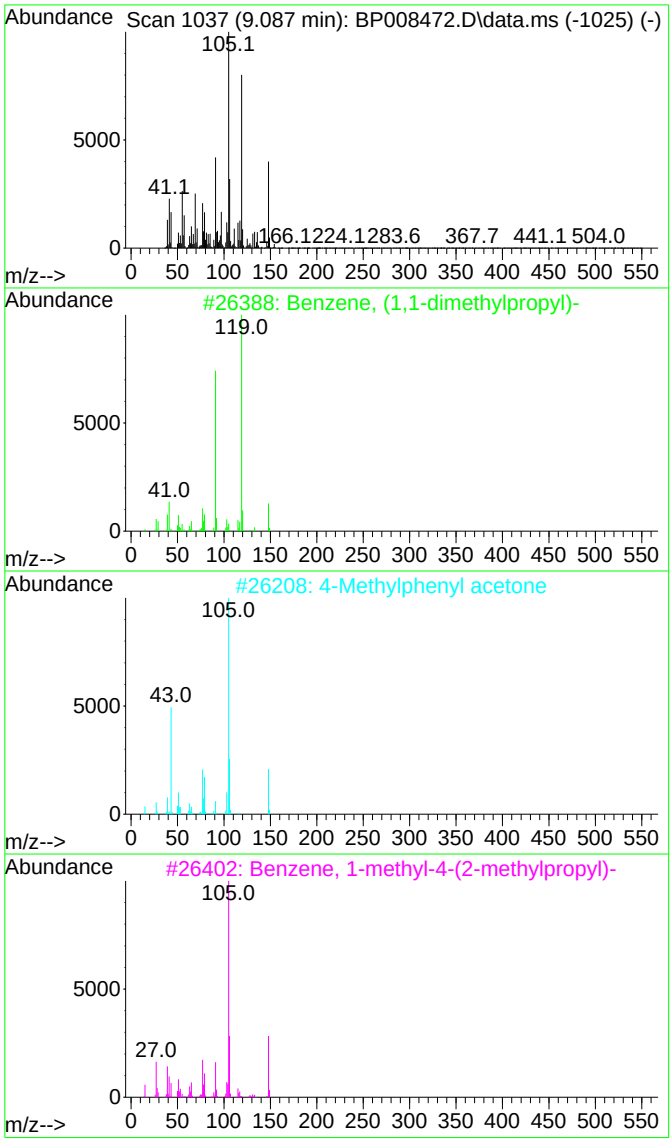
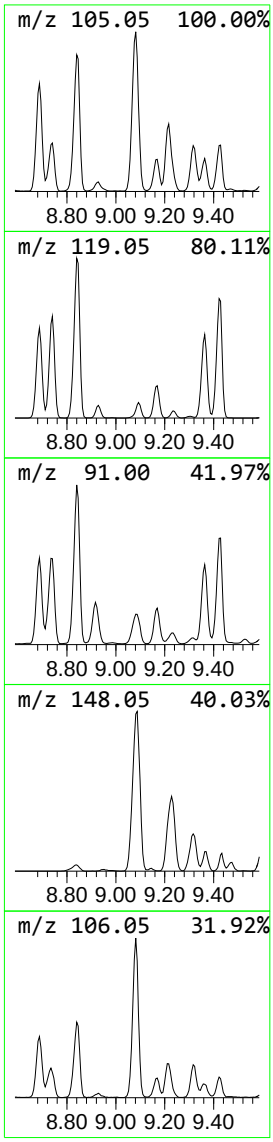
Peak Number 17 unknown9.087 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.087	41.23 ng	3798570	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	45
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45
4	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	43
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	42





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Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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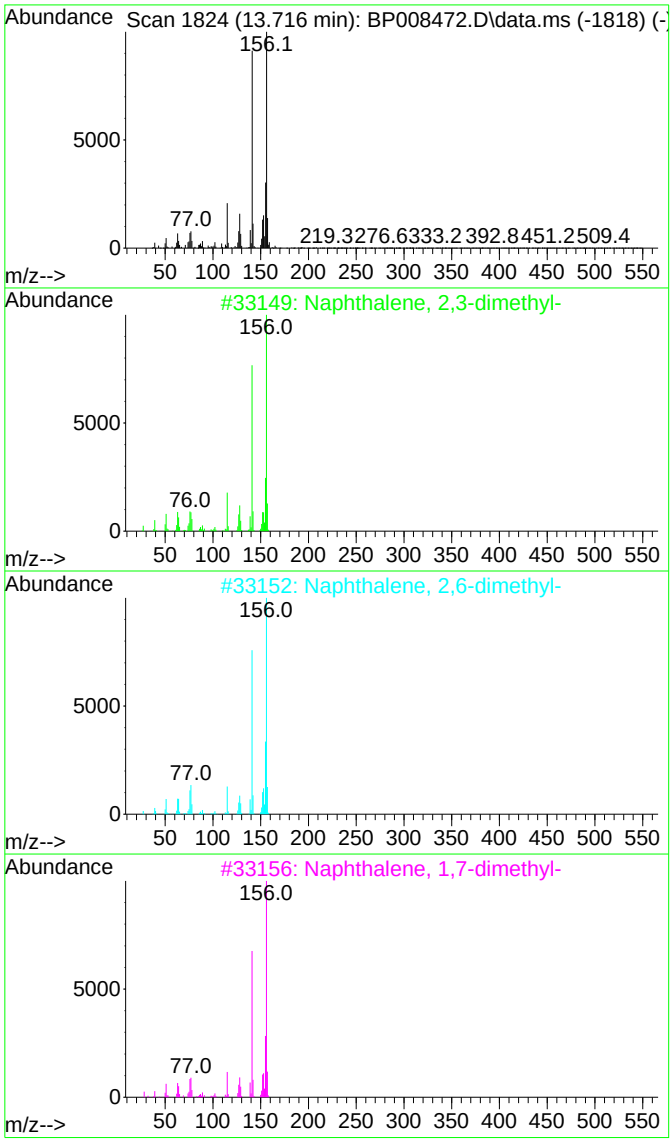
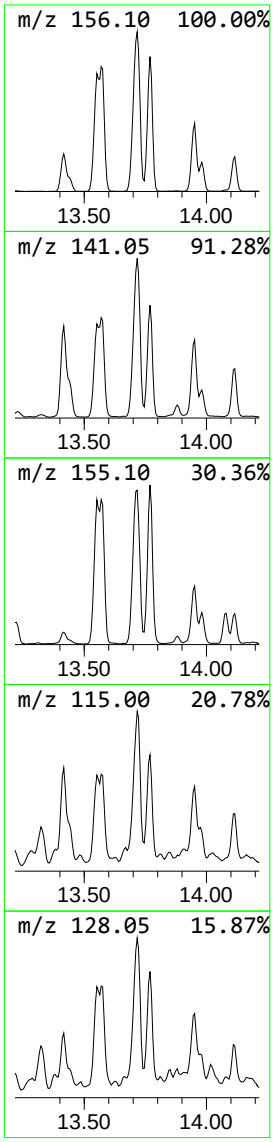
Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	34.60 ng	5931390	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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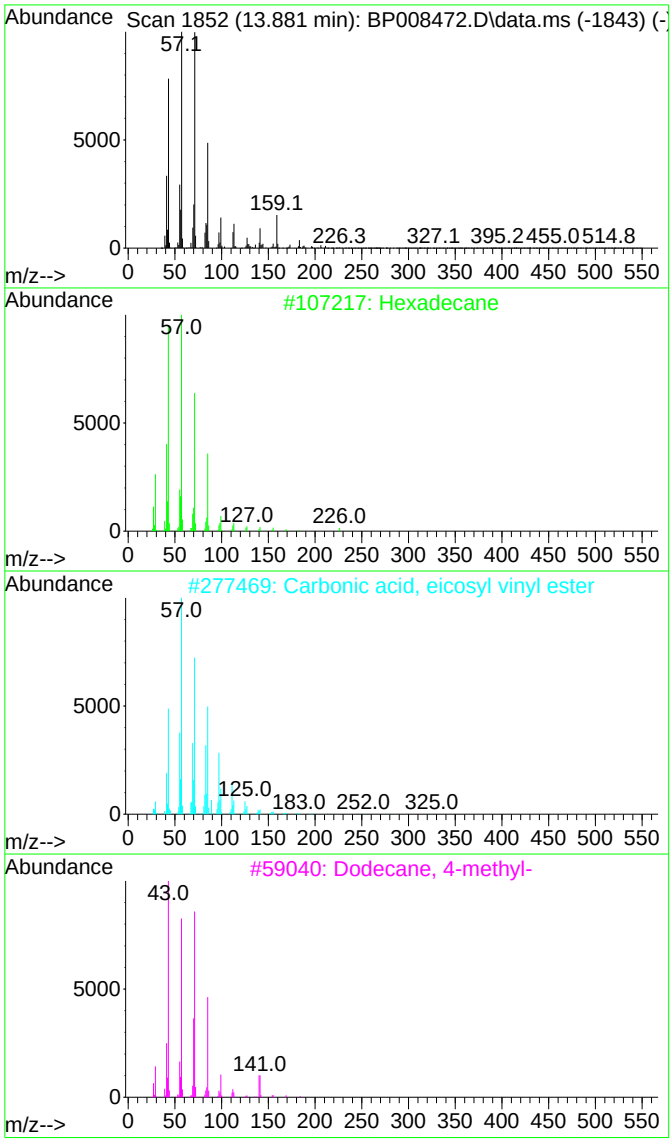
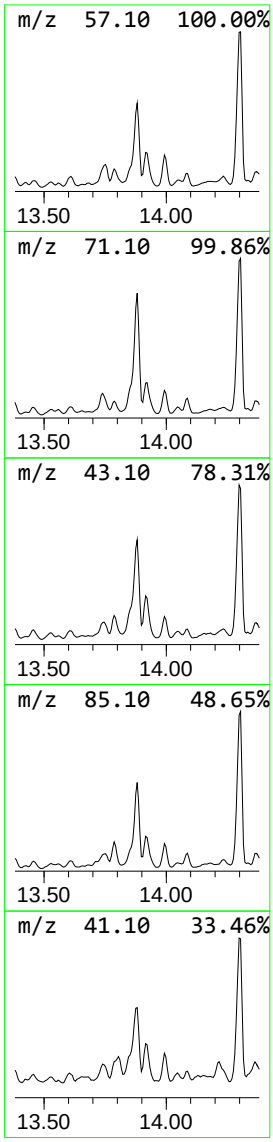
Peak Number 19 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.881	35.37 ng	6062340	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
4	Decane, 5-propyl-	184	C13H28	017312-62-8	76
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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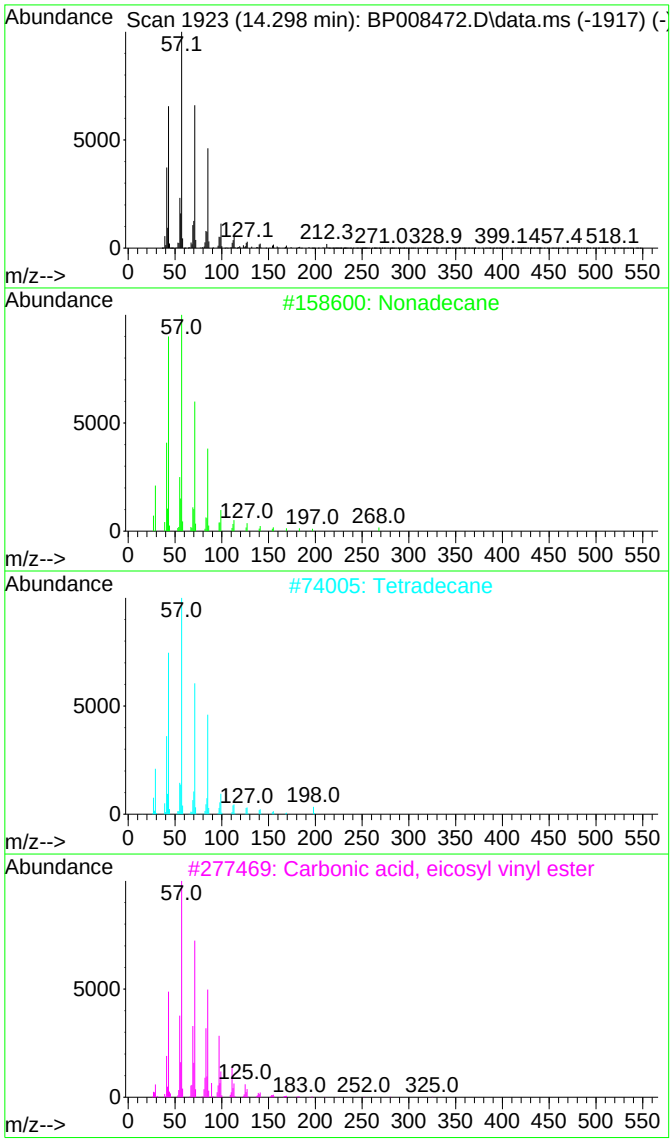
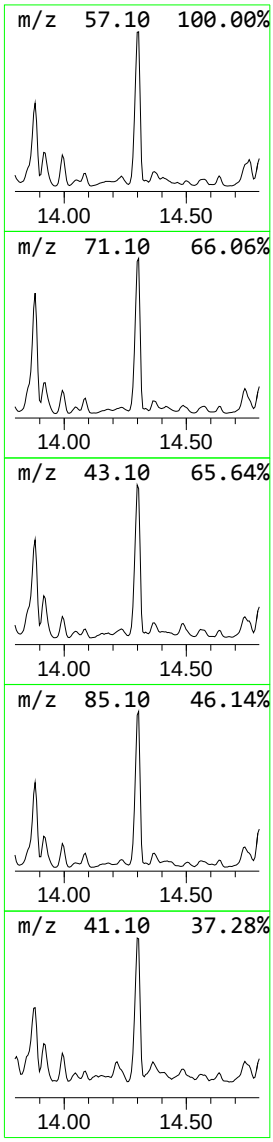
Peak Number 20 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.299	46.32 ng	7939740	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane	212	C15H32	000629-62-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008472.D
Acq On : 17 Dec 2021 15:38
Operator : CG/JU
Sample : M4873-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-4-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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
1,3-Cyclopentad...	5.246	49.7	ng	4577890	1	7.728	1842770	20.0
Benzene, 1,3-di...	5.399	87.4	ng	8056020	1	7.728	1842770	20.0
Nonane	5.746	49.9	ng	4598010	1	7.728	1842770	20.0
Benzene, propyl-	6.711	93.0	ng	8568180	1	7.728	1842770	20.0
Benzene, 1-ethy...	7.122	64.8	ng	5969060	1	7.728	1842770	20.0
Mesitylene	7.399	324.8	ng	29928100	1	7.728	1842770	20.0
Benzene, 1-ethy...	7.846	67.8	ng	6244900	1	7.728	1842770	20.0
Indane	8.099	46.0	ng	4242460	1	7.728	1842770	20.0
Benzene, 1,3-di...	8.222	39.5	ng	3635170	1	7.728	1842770	20.0
Benzene, 1-meth...	8.275	71.8	ng	6620460	1	7.728	1842770	20.0
Benzene, 1-ethy...	8.375	162.9	ng	15006900	1	7.728	1842770	20.0
Benzene, 2-ethy...	8.687	51.3	ng	4728200	1	7.728	1842770	20.0
p-Cymene	8.740	56.1	ng	5173240	1	7.728	1842770	20.0
Benzene, 4-ethy...	8.840	112.5	ng	10367400	1	7.728	1842770	20.0
Undecane	8.963	69.6	ng	6412570	1	7.728	1842770	20.0
unknown9.087	9.087	41.2	ng	3798570	1	7.728	1842770	20.0
Naphthalene, 2,...	13.716	34.6	ng	5931390	3	14.387	3428210	20.0
Hexadecane	13.881	35.4	ng	6062340	3	14.387	3428210	20.0
Nonadecane	14.299	46.3	ng	7939740	3	14.387	3428210	20.0