LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033405.D
Acq On : 10 Dec 2021 21:38
Operator : CG/JU
Sample : M4873-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

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_M\Methods\8270-BM120821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033405.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.108	140	148	158	rVB	5651543	9800698	15.16%	0.724%
2	5.431	368	373	378	rVB	6530943	11080451	17.14%	0.819%
3	5.578	389	398	411	rVB	14426548	40868921	63.22%	3.019%
4	5.931	449	458	465	rVB2	11514869	24903189	38.52%	1.840%
5	6.172	493	499	508	rBV3	1798375	3766283	5.83%	0.278%
6	6.396	529	537	544	rBV2	2644554	6220334	9.62%	0.460%
7	6.543	552	562	574	rVB6	1691572	4559178	7.05%	0.337%
8	6.896	612	622	630	rVV2	10637619	25507054	39.46%	1.884%
9	6.972	630	635	636	rVV	3336241	4790337	7.41%	0.354%
10	7.019	636	643	647	rVV	19085781	43829227	67.80%	3.238%
11	7.078	647	653	658	rVV	16003028	28374308	43.89%	2.096%
12	7.149	658	665	672	rVB	14653446	27497000	42.54%	2.031%
13	7.313	686	693	698	rVB	11322715	19305168	29.86%	1.426%
14	7.549	727	733	734	rBV	13130271	17334569	26.82%	1.281%
15	7.596	734	741	746	rVB	24702671	64642199	100.00%	4.775%
16	7.884	785	790	796	rVB	3720609	5915303	9.15%	0.437%
17	7.954	796	802	809	rBV2	2501465	5198766	8.04%	0.384%
18	8.037	809	816	821	rBV2	14420200	25048600	38.75%	1.850%
19	8.137	829	833	839	rBV	2012122	3748182	5.80%	0.277%
20	8.290	850	859	864	rBV	7876599	13117915	20.29%	0.969%
21	8.401	871	878	882	rBV	5642073	10637960	16.46%	0.786%
22	8.460	882	888	893	rVV2	10368528	19228293	29.75%	1.420%
23	8.560	898	905	912	rBV3	21382967	42268631	65.39%	3.123%
24	8.666	917	923	927	rBV	2557103	4595703	7.11%	0.340%
25	8.713	927	931	935	rBV	3691949	5101938	7.89%	0.377%
26	8.866	951	957	961	rBV	7696592	13160548	20.36%	0.972%
27	8.919	961	966	972	rVB	9218526	15294185	23.66%	1.130%
28	9.025	972	984	990	rBV	16254865	31558480	48.82%	2.331%
29	9.107	991	998	1000	rBV3	7756828	14276755	22.09%	1.055%
30	9.137	1000	1003	1012	rVB	11635026	17026491	26.34%	1.258%
31	9.260	1018	1024	1032	rVB3	3534056	7801699	12.07%	0.576%
32	9.348	1032	1039	1044	rBV2	4046143	8997770	13.92%	0.665%
33	9.543	1066	1072	1077	rVV	8490390	14635110	22.64%	1.081%
34	9.607	1077	1083	1091	rVB	10603730	18368495	28.42%	1.357%
35	9.795	1105	1115	1118	rBV2	3570999	7382736	11.42%	0.545%
36	9.842	1118	1123	1127	rVV4	3799184	7329244	11.34%	0.541%

LSC Area Percent Report

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Sample : M4873-08
Misc :
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Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

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_M\Methods\8270-BM120821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.913	1127	1135	1139	rVV2	4867419	12345457	19.10%	0.912%
38	9.966	1139	1144	1152	rVV4	8131695	18534358	28.67%	1.369%
39	10.060	1153	1160	1164	rVV2	4543279	10751516	16.63%	0.794%
40	10.119	1164	1170	1176	rVV3	14282895	31170935	48.22%	2.303%
41	10.178	1176	1180	1184	rVV2	5520123	9313436	14.41%	0.688%
42	10.231	1184	1189	1192	rVV	2695088	4957720	7.67%	0.366%
43	10.290	1192	1199	1204	rVV4	3716160	9297431	14.38%	0.687%
44	10.407	1214	1219	1227	rVB	3541424	6644231	10.28%	0.491%
45	10.601	1242	1252	1254	rBV5	1873509	4661197	7.21%	0.344%
46	10.684	1259	1266	1273	rVV2	16897005	34764544	53.78%	2.568%
47	10.772	1273	1281	1286	rVV2	12576312	28076463	43.43%	2.074%
48	10.825	1286	1290	1293	rVV	3469190	6341269	9.81%	0.468%
49	10.860	1293	1296	1301	rVB	5092808	7158133	11.07%	0.529%
50	10.925	1302	1307	1313	rVB	3310845	5497379	8.50%	0.406%
51	11.178	1346	1350	1358	rVB3	2007718	4467723	6.91%	0.330%
52	11.366	1377	1382	1385	rBV2	2831371	4825249	7.46%	0.356%
53	11.401	1385	1388	1395	rVB5	2845916	6296716	9.74%	0.465%
54	11.536	1406	1411	1418	rVB4	3132118	6238069	9.65%	0.461%
55	11.619	1418	1425	1432	rBV3	6394890	12508304	19.35%	0.924%
56	11.725	1437	1443	1447	rBV	6315312	10068572	15.58%	0.744%
57	11.813	1453	1458	1463	rVB	3267146	6015780	9.31%	0.444%
58	11.901	1468	1473	1480	rBV3	3117930	5830438	9.02%	0.431%
59	12.131	1501	1512	1517	rBV2	16632987	31458366	48.67%	2.324%
60	12.336	1540	1547	1549	rVV4	2841406	5721029	8.85%	0.423%
61	12.383	1549	1555	1561	rVB	14457763	26805658	41.47%	1.980%
62	12.595	1582	1591	1599	rBV2	8201785	17048136	26.37%	1.259%
63	12.807	1620	1627	1632	rVV5	1924067	4722499	7.31%	0.349%
64	12.925	1644	1647	1652	rVB	2861498	3906983	6.04%	0.289%
65	13.072	1667	1672	1678	rVB	6672255	10280743	15.90%	0.759%
66	13.372	1710	1723	1729	rBV	17531192	32826168	50.78%	2.425%
67	13.707	1774	1780	1782	rBV5	4630453	8208573	12.70%	0.606%
68	13.872	1802	1808	1813	rVV3	8242243	17020450	26.33%	1.257%
69	13.925	1813	1817	1820	rVV	6992335	10207430	15.79%	0.754%
70	13.966	1820	1824	1826	rVV2	2920043	4409982	6.82%	0.326%
71	14.013	1828	1832	1836	rVV	9646236	14434287	22.33%	1.066%
72	14.054	1836	1839	1843	rVV2	3917886	5795305	8.97%	0.428%
73	14.101	1843	1847	1849	rVV	3017898	4574300	7.08%	0.338%
74	14.130	1850	1852	1857	rVB	3427536	3929845	6.08%	0.290%
75	14.272	1871	1876	1888	rBV4	2055079	4345814	6.72%	0.321%
76	14.366	1888	1892	1897	rVB	3085326	4954790	7.66%	0.366%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4873-08
Misc :
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Instrument :
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A2-9-6.5

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
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.436	1897	1904	1909	rBV	18895105	29729916	45.99%	2.196%
78	14.507	1911	1916	1920	rBV3	3756398	7347626	11.37%	0.543%
79	14.754	1952	1958	1965	rVB2	3238318	7993453	12.37%	0.591%
80	14.936	1984	1989	1993	rVV2	5418297	10308059	15.95%	0.762%
81	15.019	1999	2003	2005	rVV	3867985	6116472	9.46%	0.452%
82	15.042	2005	2007	2016	rVV5	4469478	8234231	12.74%	0.608%
83	15.160	2022	2027	2031	rBV	2842984	5077702	7.86%	0.375%
84	15.324	2049	2055	2058	rVV3	2430101	4466355	6.91%	0.330%
85	15.383	2058	2065	2069	rVV	17945451	28985434	44.84%	2.141%
86	15.783	2124	2133	2138	rBV	7867866	15322158	23.70%	1.132%
87	15.872	2144	2148	2154	rVB3	2448504	4034004	6.24%	0.298%
88	15.995	2165	2169	2172	rVV2	3385463	4326903	6.69%	0.320%
89	16.248	2205	2212	2219	rBV2	18310276	44606543	69.01%	3.295%
90	16.571	2263	2267	2271	rBV4	2191856	3780761	5.85%	0.279%
91	16.636	2274	2278	2283	rVB3	3182470	4678656	7.24%	0.346%
92	16.836	2310	2312	2324	rVB3	1888103	3641765	5.63%	0.269%
93	17.030	2339	2345	2349	rBV	15438051	21657568	33.50%	1.600%
94	17.077	2349	2353	2364	rVB2	7377551	12800884	19.80%	0.946%
95	17.324	2390	2395	2400	rVV2	2161993	3796605	5.87%	0.280%
96	17.760	2464	2469	2474	rVB	12952267	17547224	27.15%	1.296%
97	18.195	2539	2543	2549	rVB	2517281	3826624	5.92%	0.283%
98	18.448	2581	2586	2590	rBV	9631225	11961314	18.50%	0.884%
99	19.077	2686	2693	2697	rBV2	6619669	9445692	14.61%	0.698%
100	19.648	2786	2790	2794	rVB	3923853	4369114	6.76%	0.323%

Sum of corrected areas: 1353642061

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Instrument :
BNA_M
ClientSampleId :
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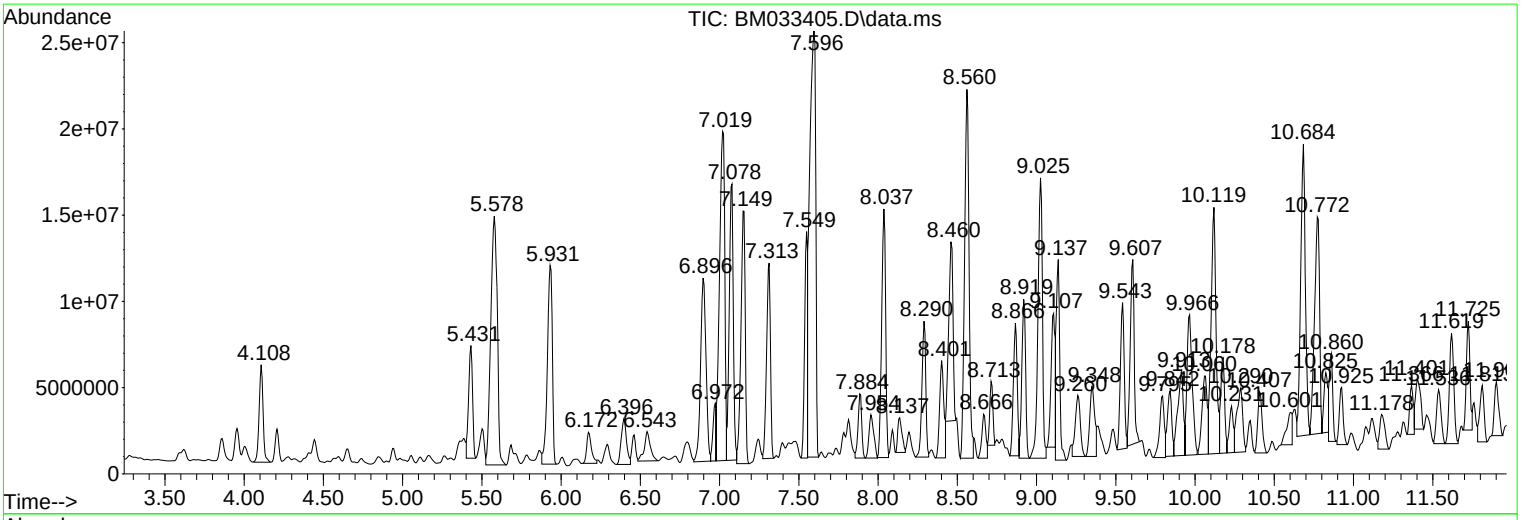
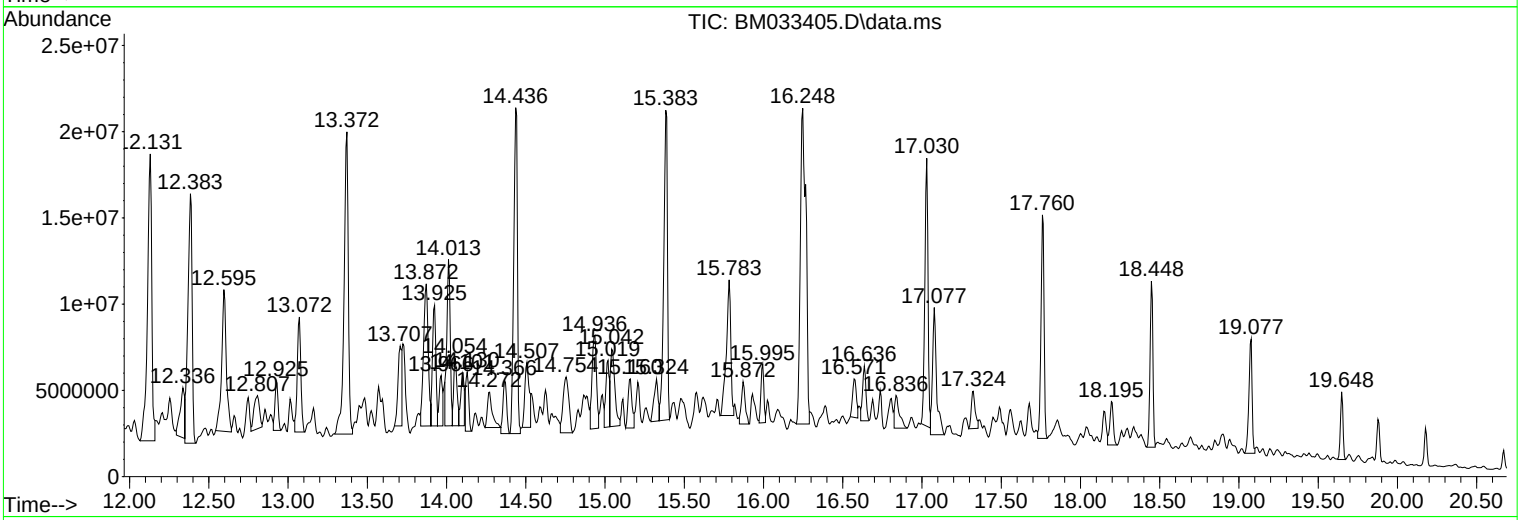
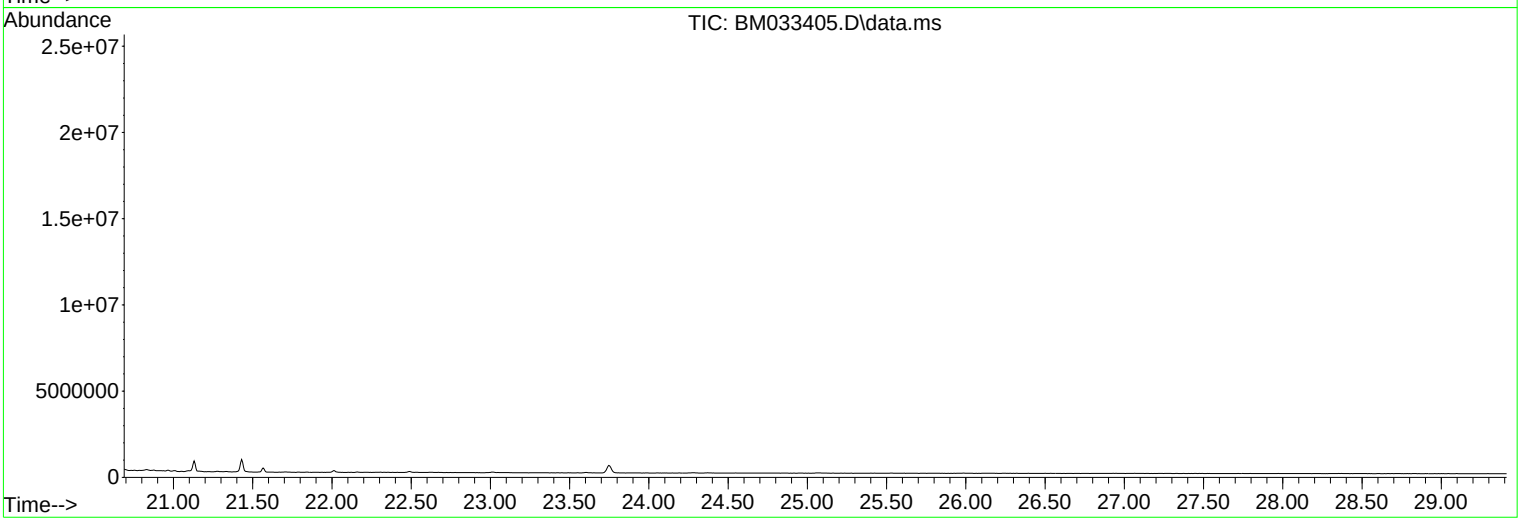
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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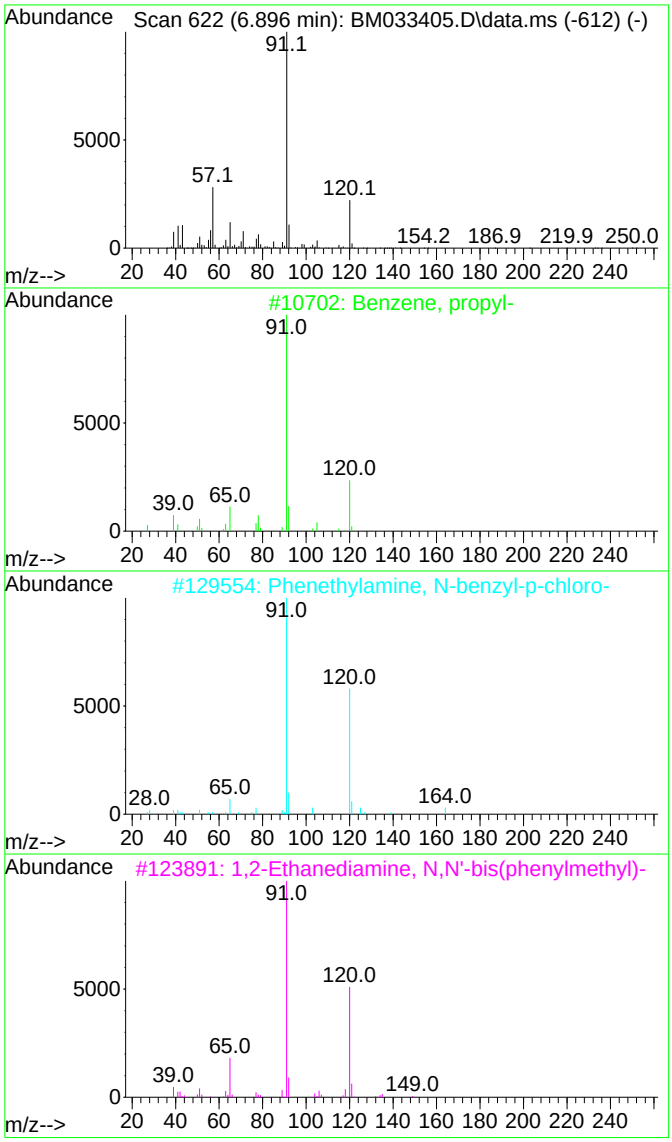
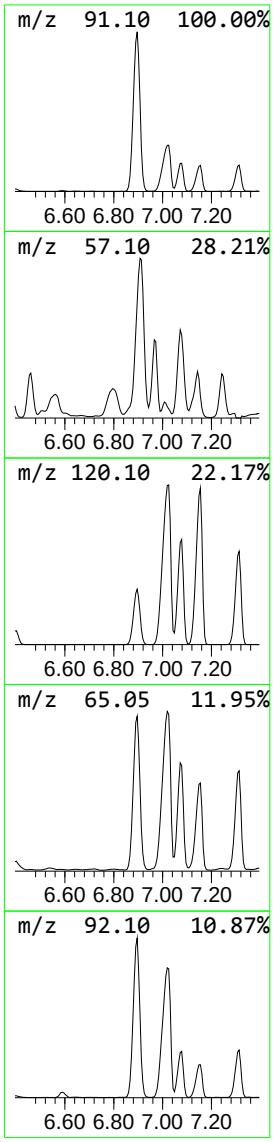
Peak Number 3 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.896	86.24 ng	25507100	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	Benzyl(2-chloroethyl)amine	169	C9H12ClN	042074-16-8	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

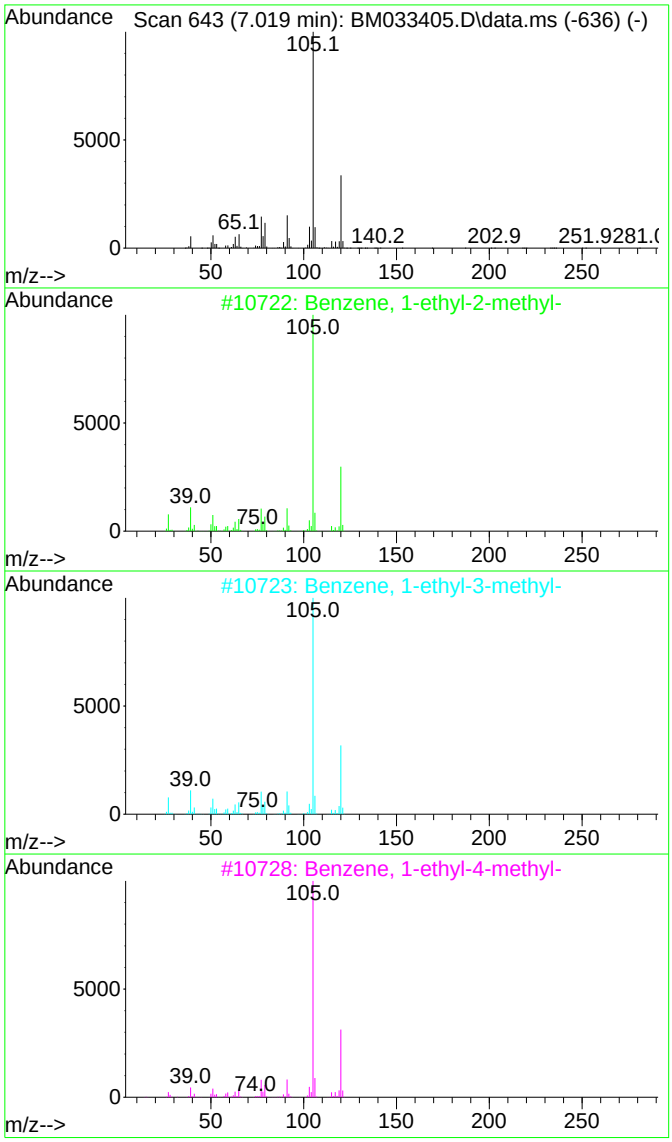
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

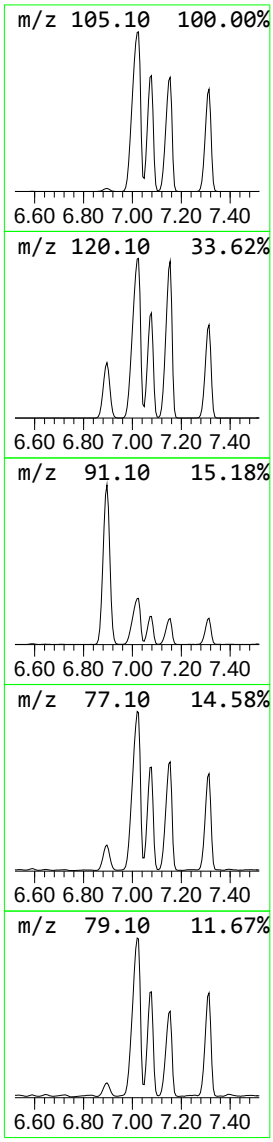
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.019	148.19 ng	43829200	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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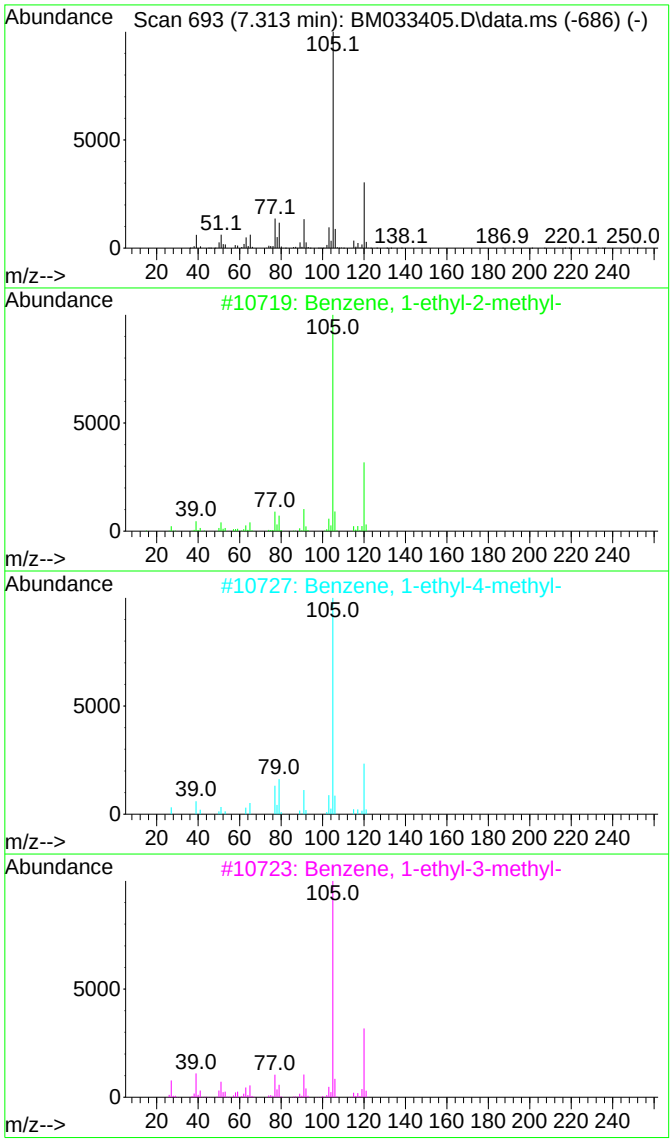
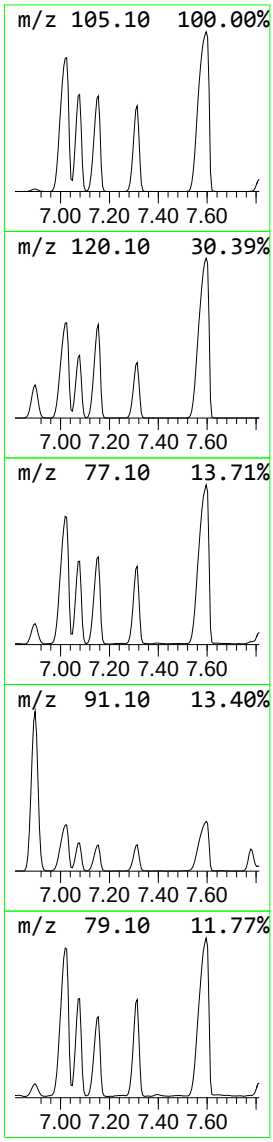
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.313	65.27 ng	19305200	1,4-Dichlorobenzene-d4	7.913

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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Operator : CG/JU
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

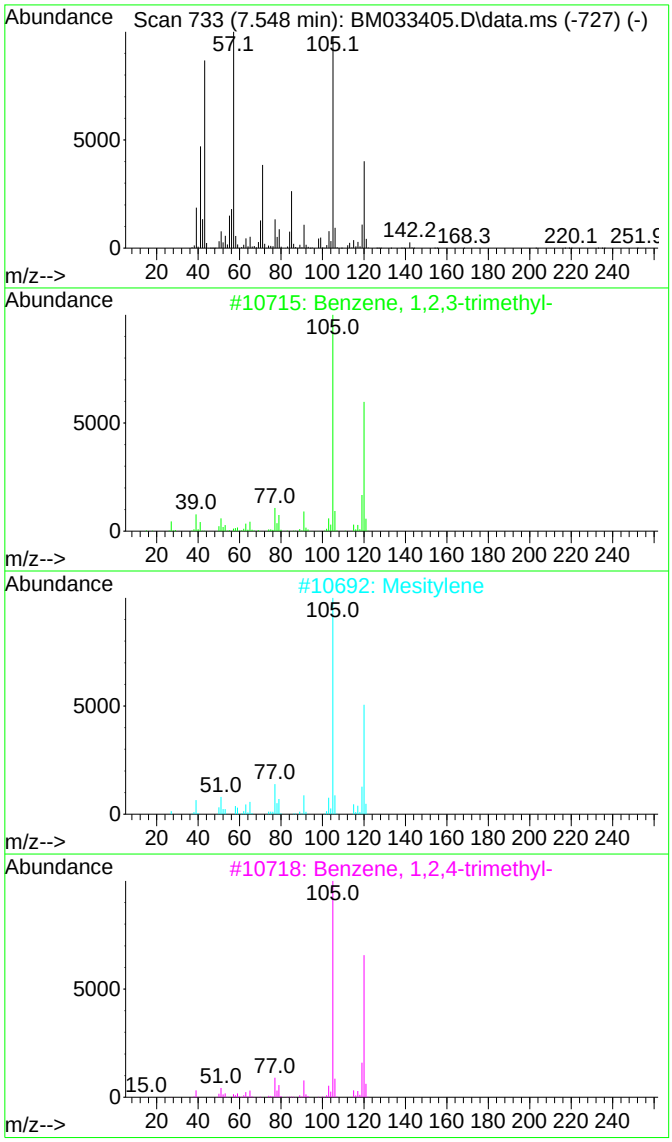
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

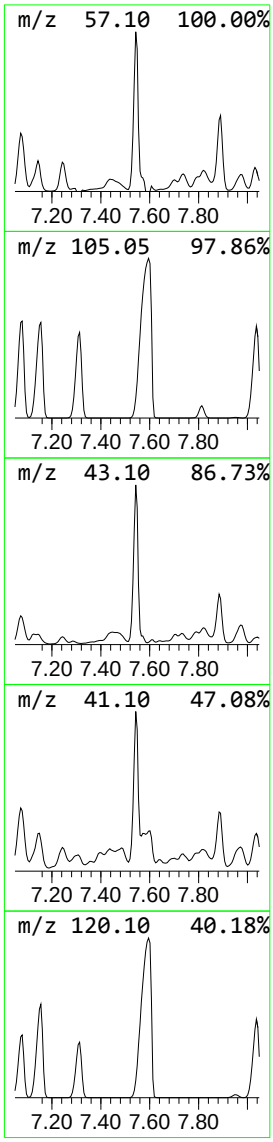
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.548	58.61 ng	17334600	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	46
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033405.D
Acq On : 10 Dec 2021 21:38
Operator : CG/JU
Sample : M4873-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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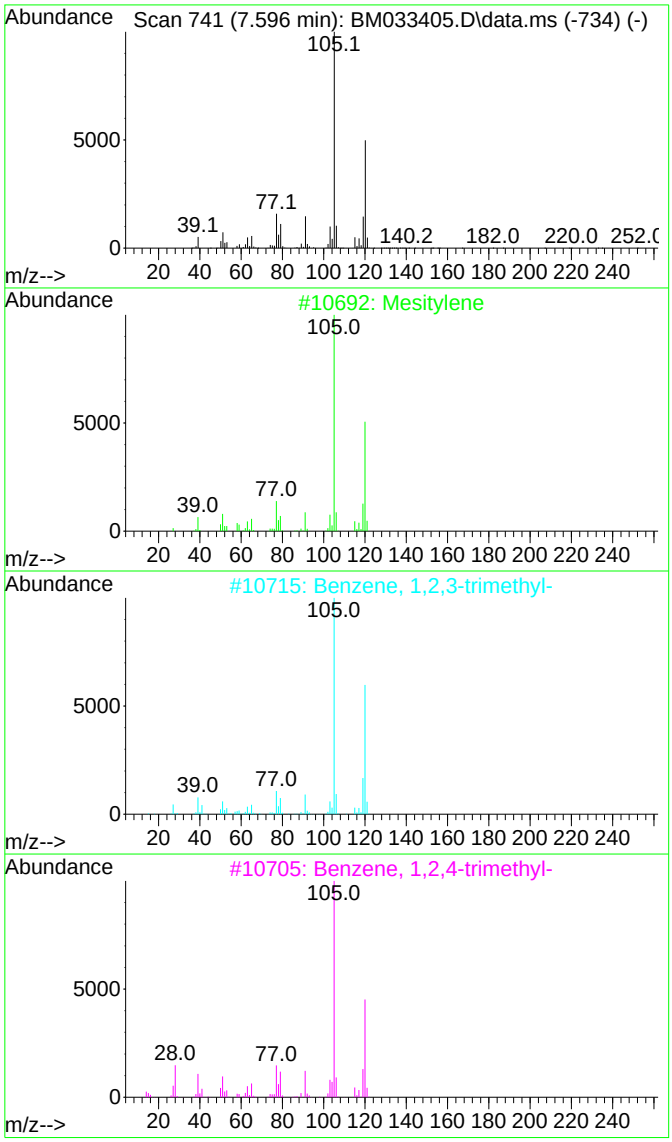
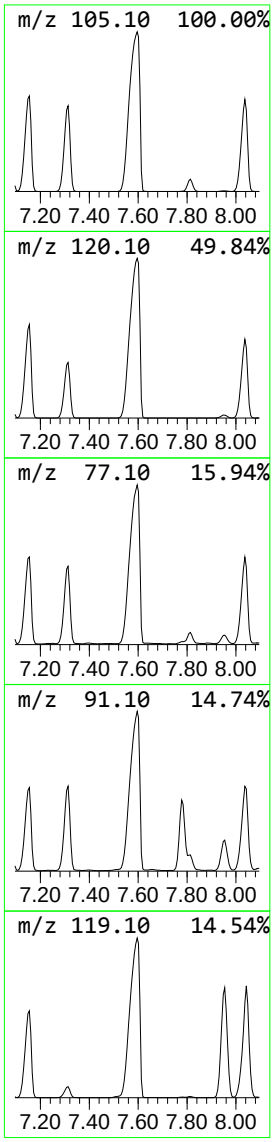
Peak Number 7 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.596	218.56 ng	64642200	1,4-Dichlorobenzene-d4	7.913

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	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Operator : CG/JU
Sample : M4873-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A2-9-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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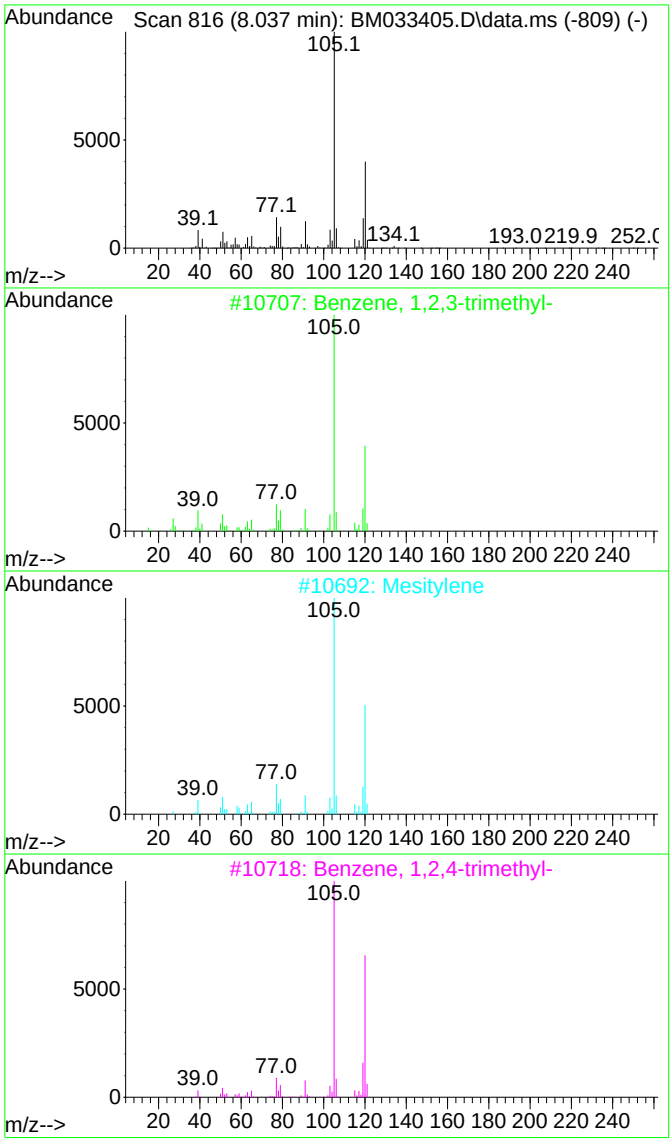
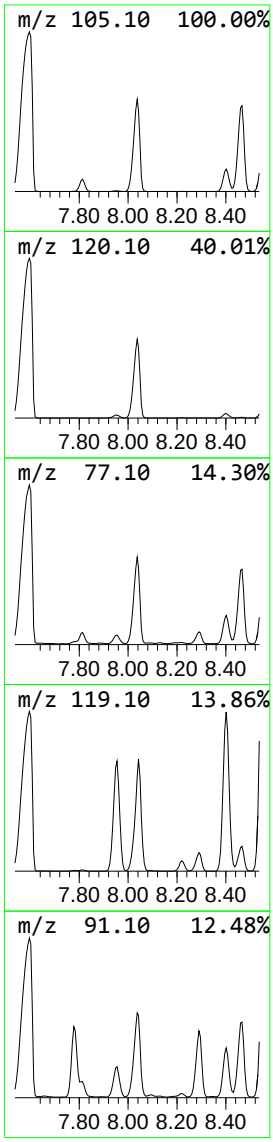
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	84.69 ng	25048600	1,4-Dichlorobenzene-d4	7.913

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-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : M4873-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A2-9-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

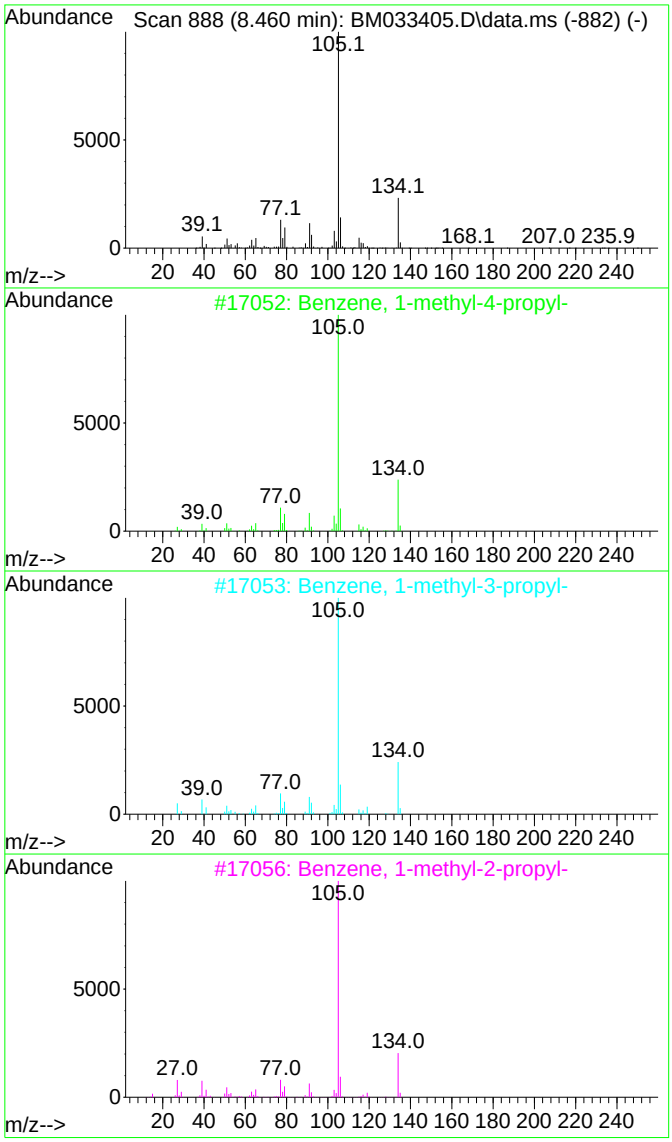
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

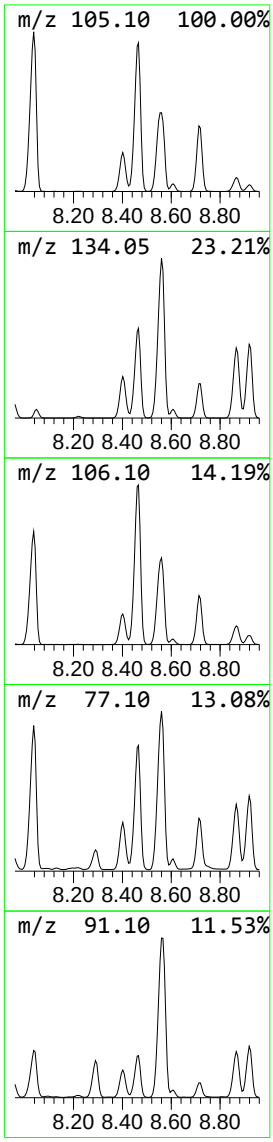
****

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.460	65.01 ng	19228300	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





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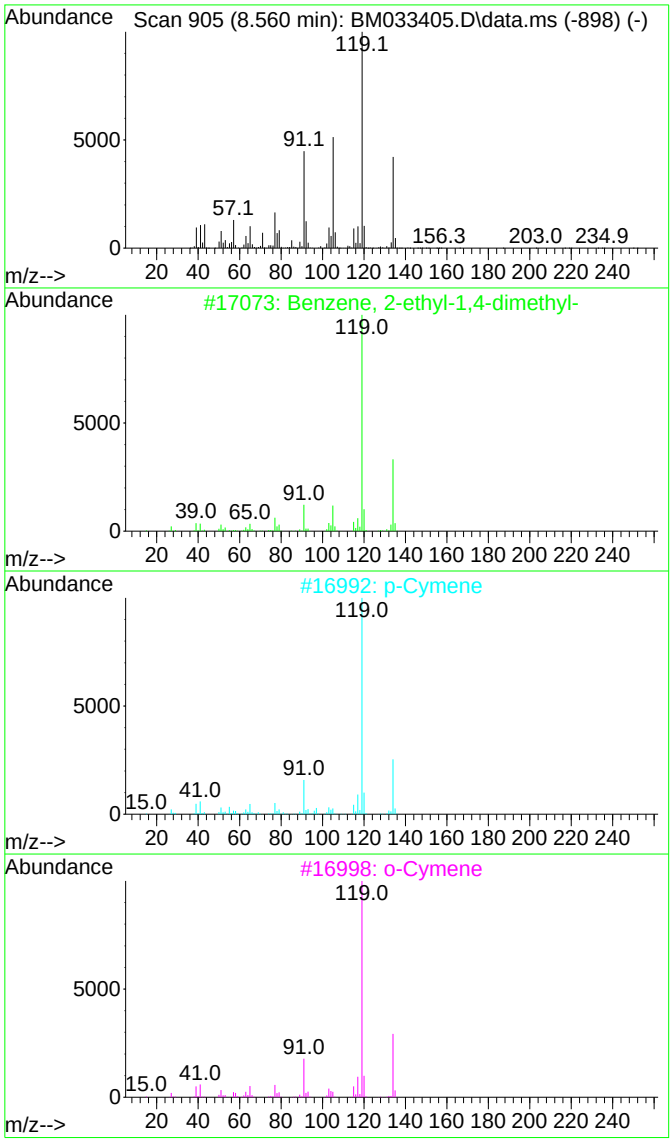
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

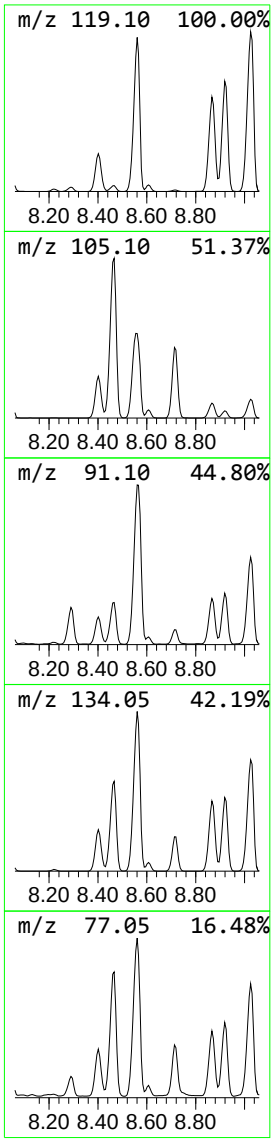
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.560	142.91 ng	42268600	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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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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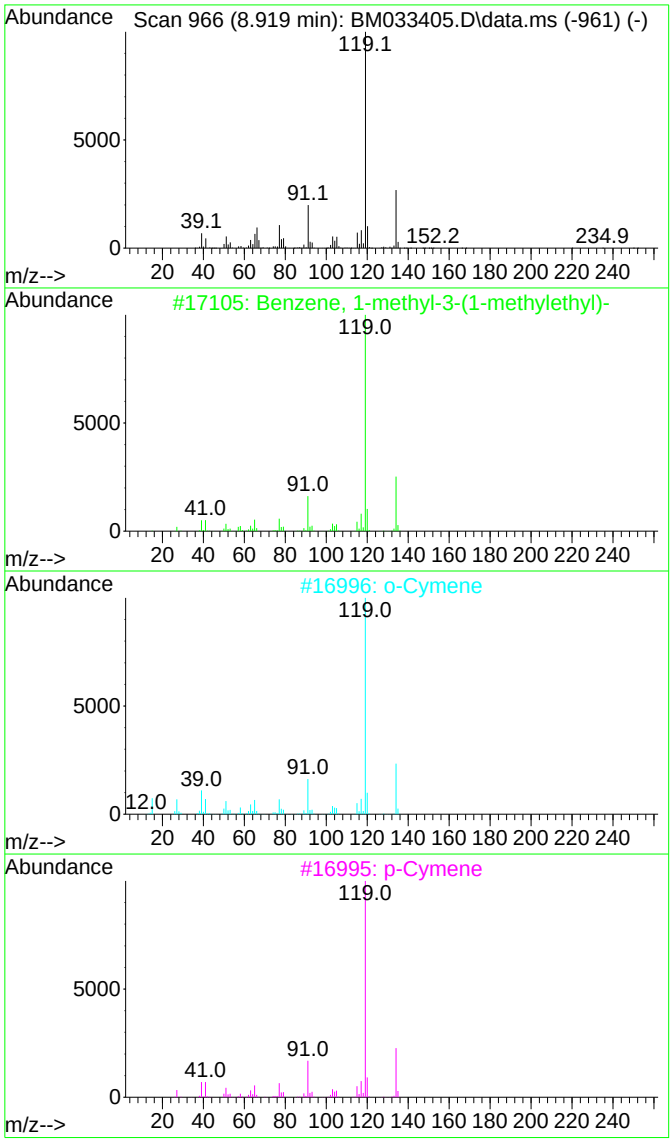
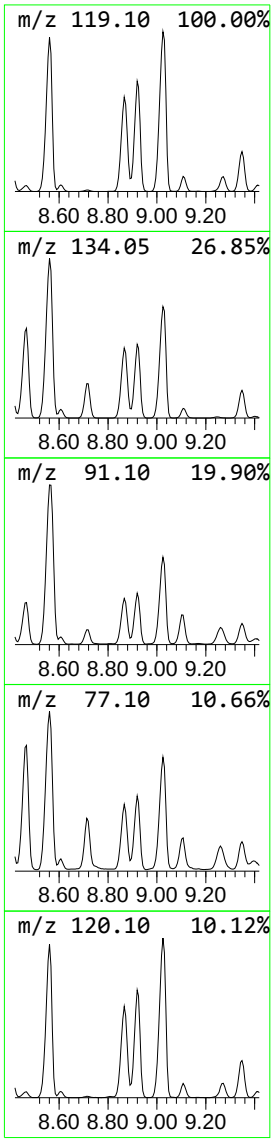
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.919	51.71 ng	15294200	1,4-Dichlorobenzene-d4	7.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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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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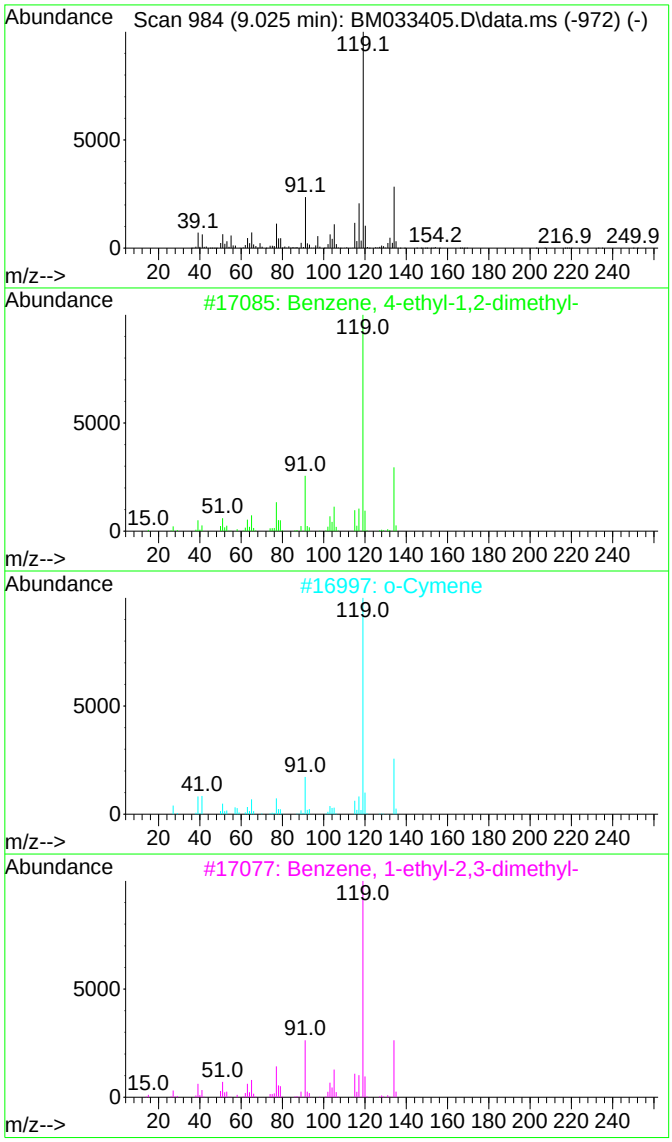
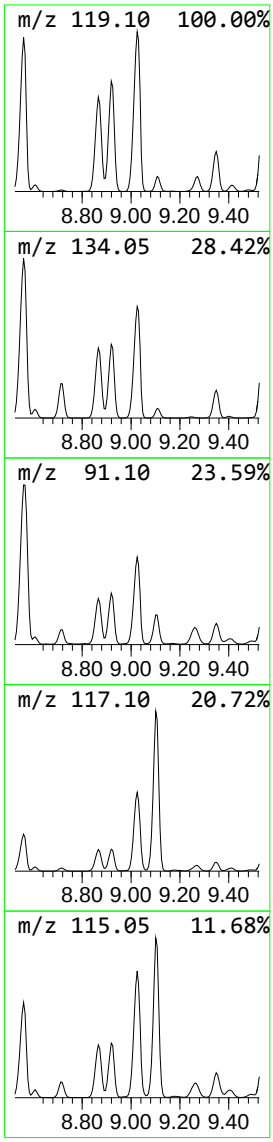
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.025	106.70 ng	31558500	1,4-Dichlorobenzene-d4	7.913

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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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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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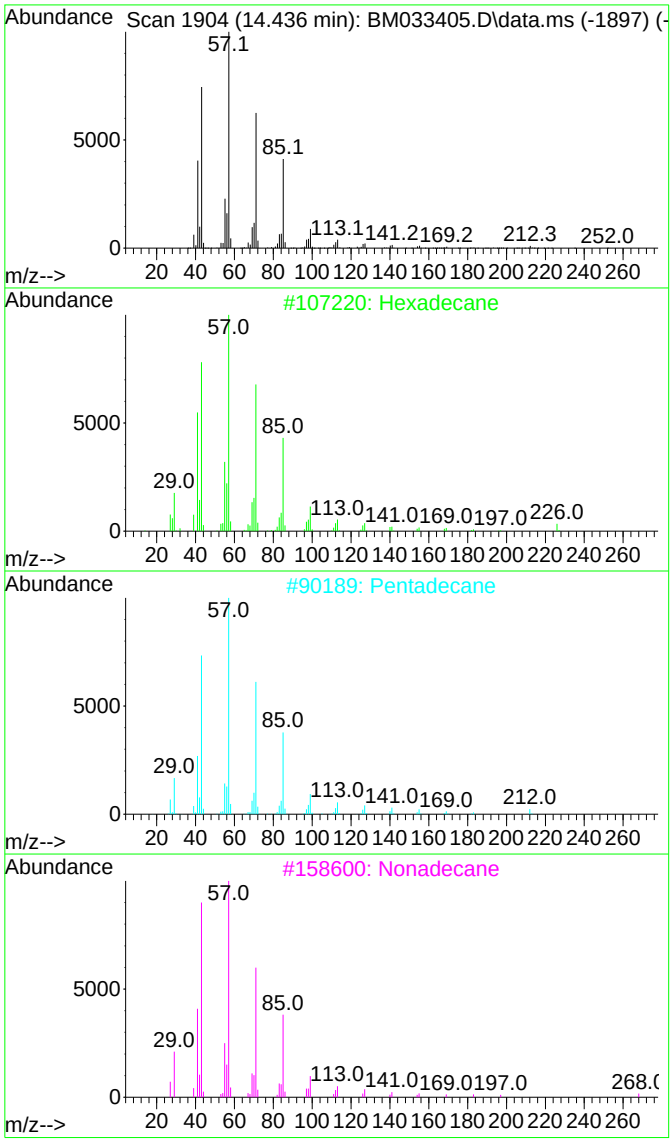
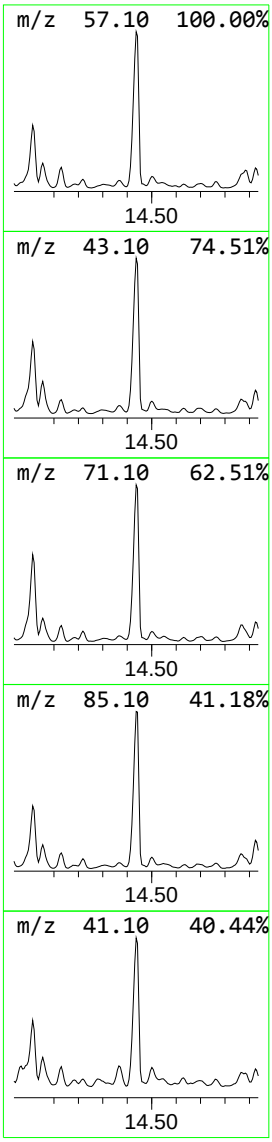
Peak Number 13 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.436	80.92 ng	29729900	Acenaphthene-d10	14.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





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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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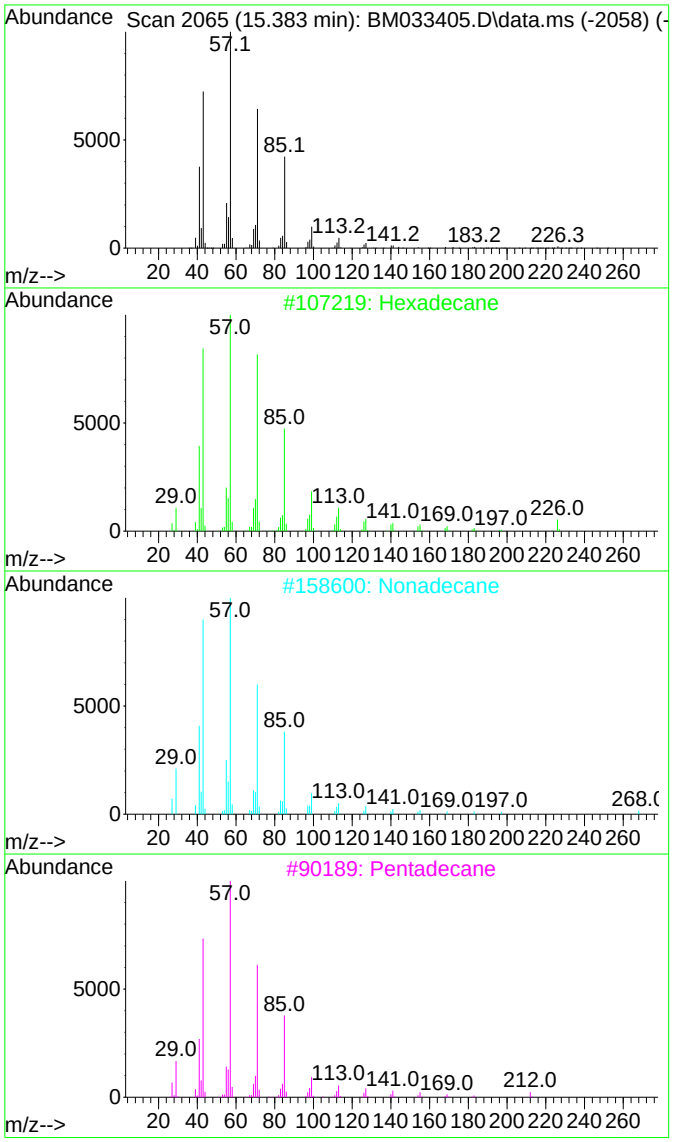
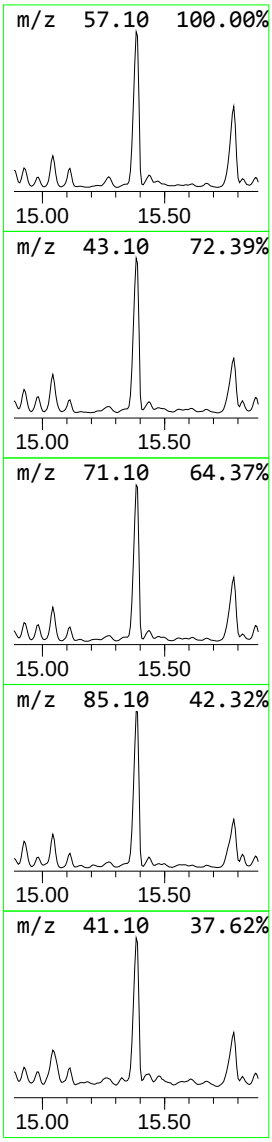
Peak Number 14 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.383	78.90 ng	28985400	Acenaphthene-d10	14.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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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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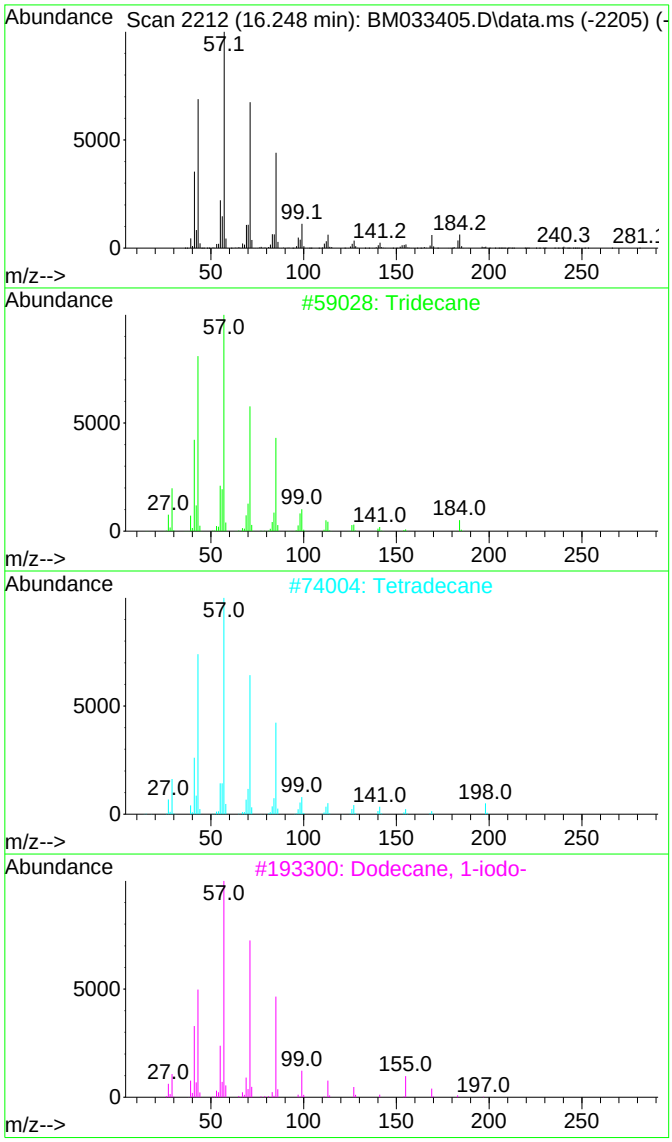
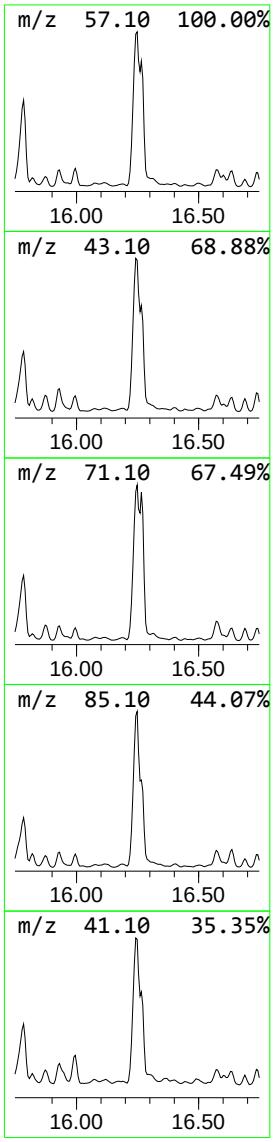
Peak Number 15 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.248	234.98 ng	44606500	Phenanthrene-d10	17.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Octadecane	254	C18H38	000593-45-3	86





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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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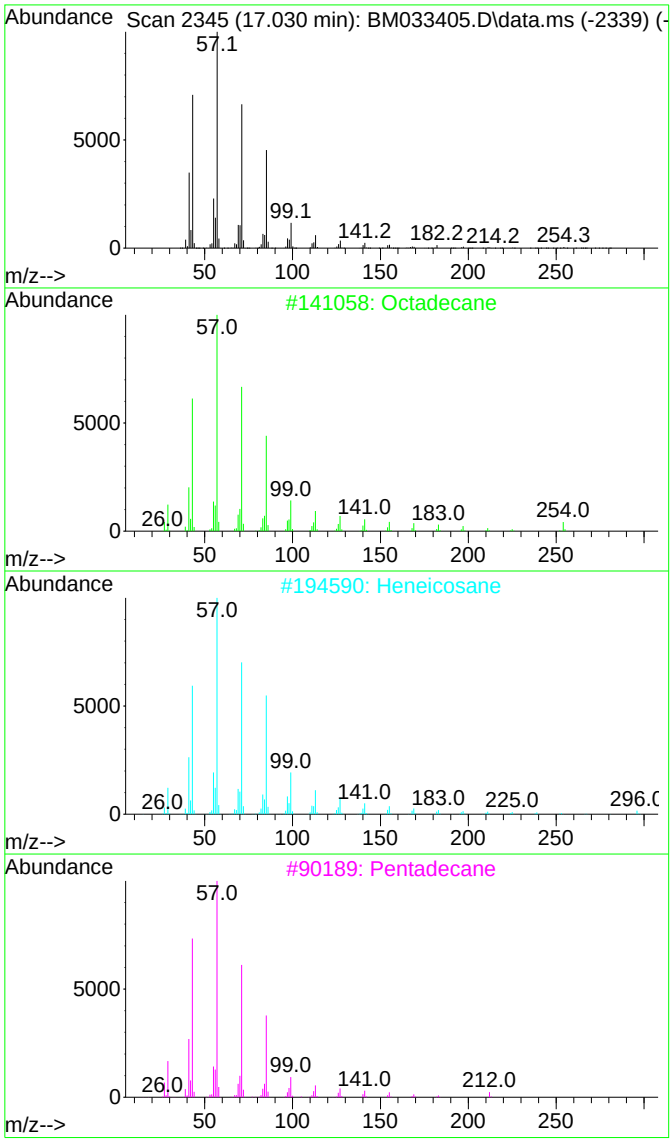
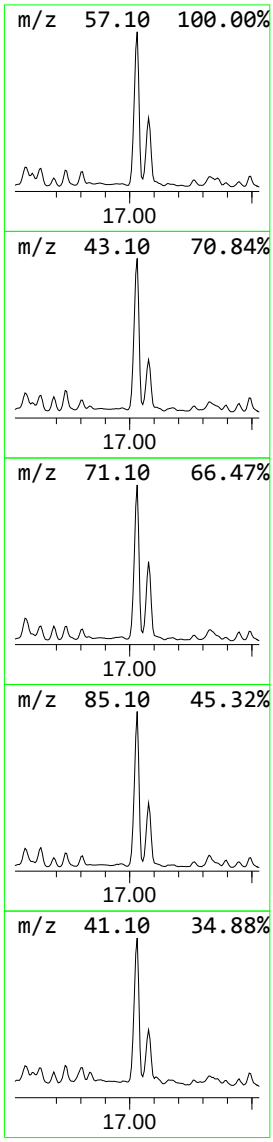
Peak Number 16 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.030	114.09 ng	21657600	Phenanthrene-d10	17.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Nonadecane	268	C19H40	000629-92-5	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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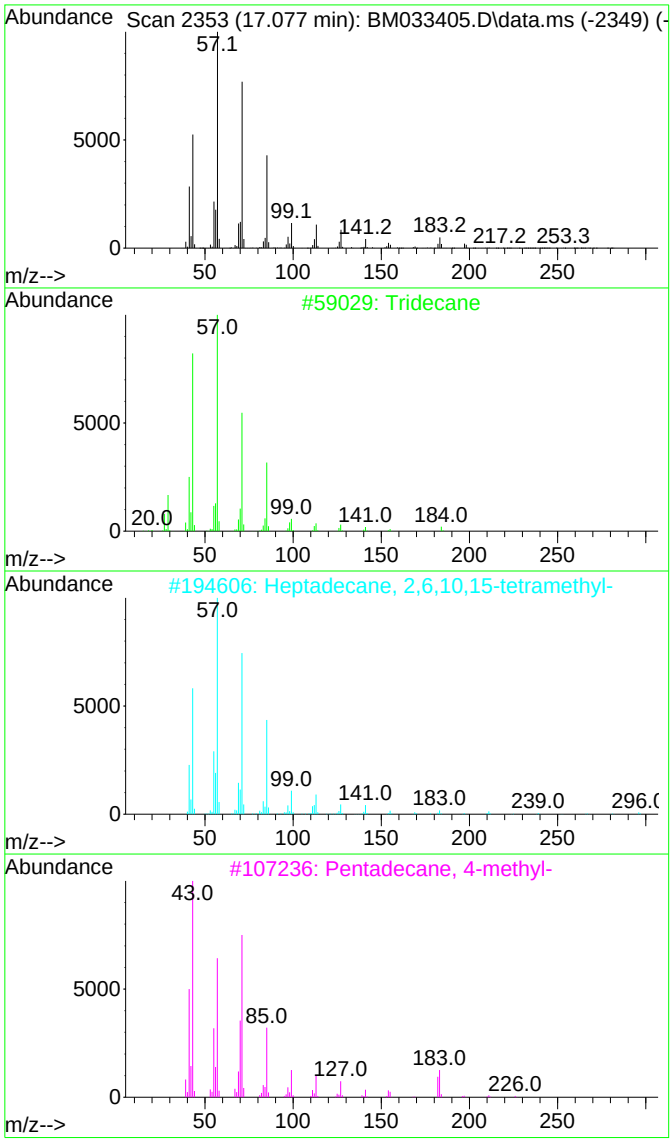
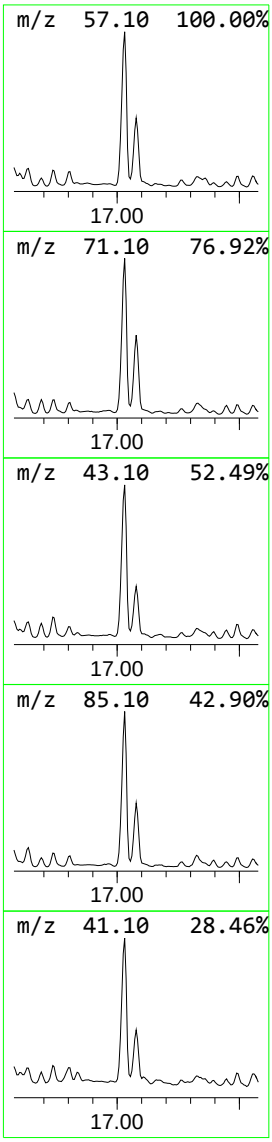
Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.077	67.43 ng	12800900	Phenanthrene-d10	17.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





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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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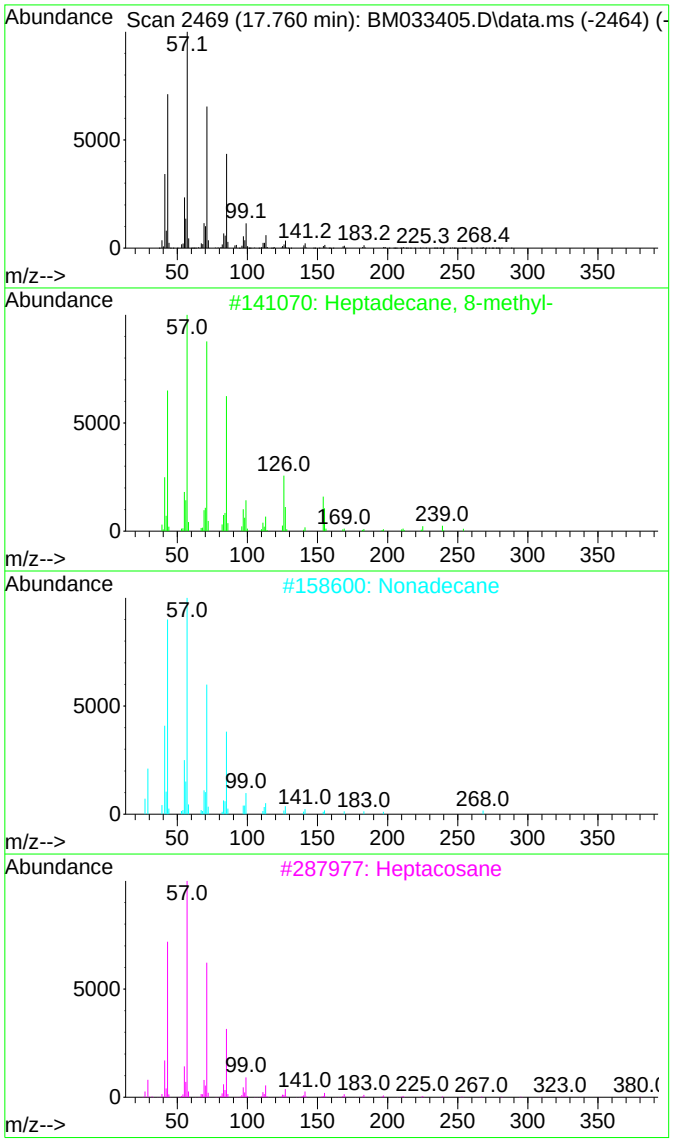
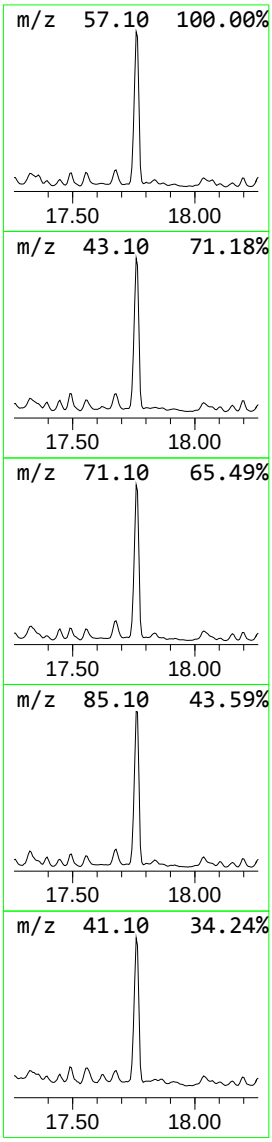
Peak Number 18 Heptadecane, 8-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.760	92.44 ng	17547200	Phenanthrene-d10	17.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Pentacosane	352	C25H52	000629-99-2	90





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Acq On : 10 Dec 2021 21:38
Operator : CG/JU
Sample : M4873-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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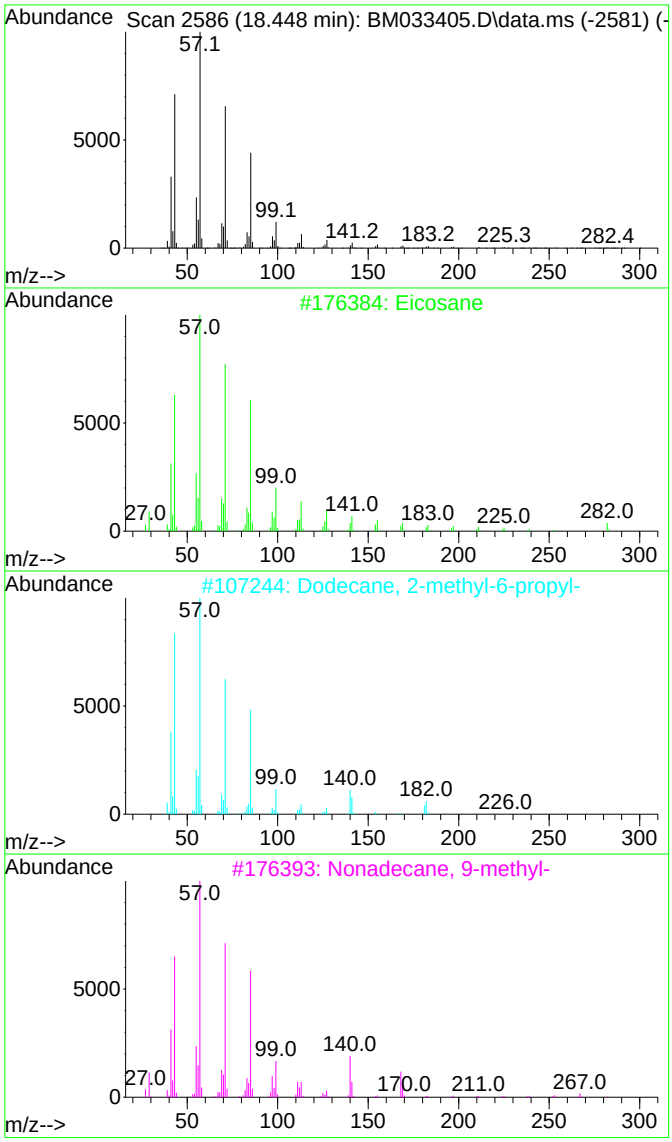
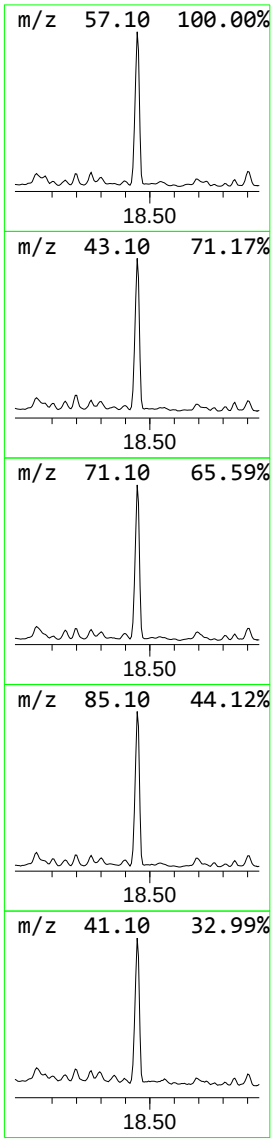
Peak Number 19 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.448	63.01 ng	11961300	Phenanthrene-d10	17.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
4	Pentadecane	212	C15H32	000629-62-9	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Acq On : 10 Dec 2021 21:38
Operator : CG/JU
Sample : M4873-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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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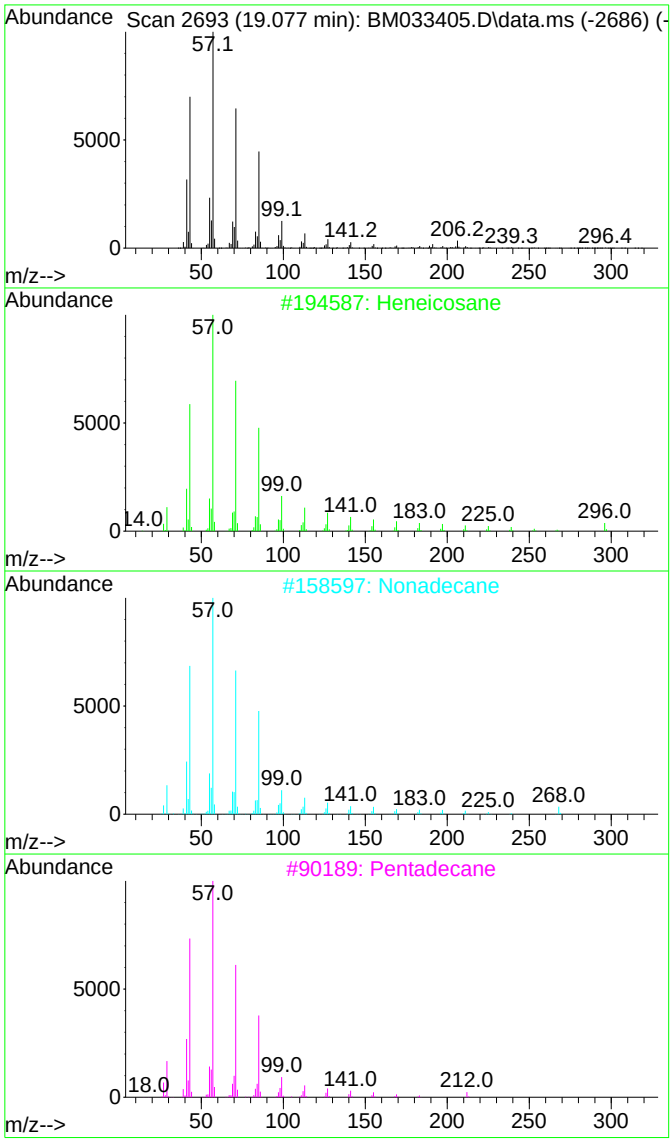
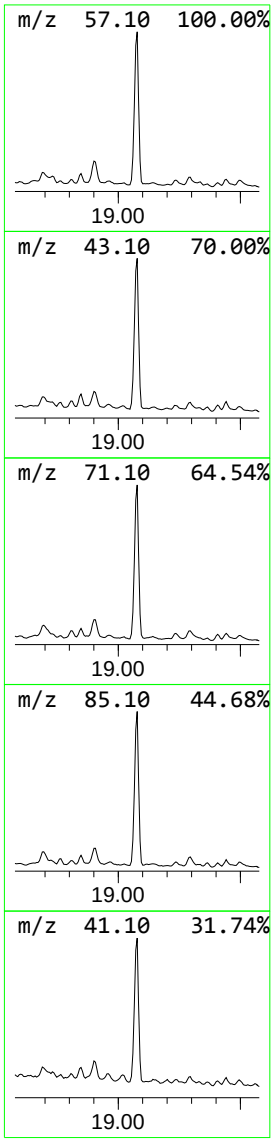
Peak Number 20 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.077	49.76 ng	9445690	Phenanthrene-d10	17.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033405.D
Acq On : 10 Dec 2021 21:38
Operator : CG/JU
Sample : M4873-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A2-9-6.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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
Benzene, propyl-	6.896	86.2	ng	25507100	1	7.913	5915300	20.0
Benzene, 1-ethy...	7.019	148.2	ng	43829200	1	7.913	5915300	20.0
Benzene, 1-ethy...	7.313	65.3	ng	19305200	1	7.913	5915300	20.0
Benzene, 1,2,4-...	7.548	58.6	ng	17334600	1	7.913	5915300	20.0
Mesitylene	7.596	218.6	ng	64642200	1	7.913	5915300	20.0
Benzene, 1,2,3-...	8.037	84.7	ng	25048600	1	7.913	5915300	20.0
Benzene, 1-meth...	8.460	65.0	ng	19228300	1	7.913	5915300	20.0
Benzene, 2-ethy...	8.560	142.9	ng	42268600	1	7.913	5915300	20.0
Benzene, 1-meth...	8.919	51.7	ng	15294200	1	7.913	5915300	20.0
Benzene, 4-ethy...	9.025	106.7	ng	31558500	1	7.913	5915300	20.0
Pentadecane	14.436	80.9	ng	29729900	3	14.542	7347630	20.0
Hexadecane	15.383	78.9	ng	28985400	3	14.542	7347630	20.0
Tridecane	16.248	235.0	ng	44606500	4	17.277	3796610	20.0
Octadecane	17.030	114.1	ng	21657600	4	17.277	3796610	20.0
Heptadecane, 2,...	17.077	67.4	ng	12800900	4	17.277	3796610	20.0
Heptadecane, 8-...	17.760	92.4	ng	17547200	4	17.277	3796610	20.0
Eicosane	18.448	63.0	ng	11961300	4	17.277	3796610	20.0
Heneicosane	19.077	49.8	ng	9445690	4	17.277	3796610	20.0