

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048560.D
 Acq On : 2 Apr 2021 1:52
 Operator : CG/JU
 Sample : M1883-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IEC-R2

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_G\METHODS\8270-BG033021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.642	386	392	399	rVV2	156574	280977	12.27%	0.520%
2	5.713	399	404	423	rVB	185588	449151	19.61%	0.831%
3	6.089	462	468	475	rVB	241620	403218	17.61%	0.746%
4	6.723	571	576	590	rVB5	66818	191279	8.35%	0.354%
5	7.076	631	636	641	rVV3	101482	180092	7.86%	0.333%
6	7.176	649	653	658	rVV	257144	392324	17.13%	0.726%
7	7.240	658	664	670	rVV2	349526	597796	26.10%	1.106%
8	7.311	670	676	684	rVB	201463	342653	14.96%	0.634%
9	7.481	699	705	710	rBV	135486	225104	9.83%	0.417%
10	7.710	739	744	746	rVV	349743	526858	23.01%	0.975%
11	7.740	746	749	758	rVV	480116	789728	34.48%	1.462%
12	8.069	800	805	808	rBV2	126885	207421	9.06%	0.384%
13	8.216	825	830	837	rBV2	159401	286057	12.49%	0.529%
14	8.644	897	903	908	rVV2	145115	311144	13.59%	0.576%
15	8.738	914	919	927	rBV2	348345	709555	30.98%	1.313%
16	8.862	933	940	944	rBV2	98296	184595	8.06%	0.342%
17	9.056	968	973	977	rBV	124398	185463	8.10%	0.343%
18	9.109	977	982	989	rVB	145925	263546	11.51%	0.488%
19	9.214	989	1000	1005	rBV2	358820	745394	32.55%	1.380%
20	9.332	1011	1020	1025	rVB2	629440	1143983	49.95%	2.117%
21	9.461	1030	1042	1051	rBV10	136310	426554	18.63%	0.789%
22	9.549	1051	1057	1061	rBV2	88129	217596	9.50%	0.403%
23	9.743	1084	1090	1094	rBV2	233126	396402	17.31%	0.734%
24	9.796	1094	1099	1104	rVV2	337779	555866	24.27%	1.029%
25	10.002	1125	1134	1137	rBV2	159698	338579	14.78%	0.627%
26	10.043	1137	1141	1146	rVV3	207979	339141	14.81%	0.628%
27	10.113	1146	1153	1157	rVV3	284824	620556	27.10%	1.148%
28	10.166	1157	1162	1171	rVV3	247064	633156	27.65%	1.172%
29	10.266	1171	1179	1182	rVV3	242862	476387	20.80%	0.882%
30	10.319	1182	1188	1194	rVV3	578912	1290011	56.33%	2.387%
31	10.384	1194	1199	1204	rVV3	285182	543420	23.73%	1.006%
32	10.442	1204	1209	1211	rVV	125393	207430	9.06%	0.384%
33	10.495	1212	1218	1225	rVV5	204846	515476	22.51%	0.954%
34	10.619	1233	1239	1247	rBV	240095	462760	20.21%	0.856%
35	10.812	1263	1272	1279	rBV7	133209	464589	20.29%	0.860%
36	10.889	1279	1285	1293	rVV3	1138944	2290157	100.00%	4.238%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.977	1293	1300	1306	rVV2	540351	1389400	60.67%	2.571%
38	11.036	1306	1310	1313	rVV	175850	326150	14.24%	0.604%
39	11.077	1313	1317	1322	rVV	370067	603734	26.36%	1.117%
40	11.136	1322	1327	1334	rVV4	227190	429349	18.75%	0.795%
41	11.418	1368	1375	1381	rVB8	83935	213457	9.32%	0.395%
42	11.494	1381	1388	1392	rBV7	59168	164669	7.19%	0.305%
43	11.547	1392	1397	1400	rVV4	73788	169275	7.39%	0.313%
44	11.588	1400	1404	1406	rVV3	158255	255330	11.15%	0.473%
45	11.629	1407	1411	1417	rVV7	271348	590861	25.80%	1.094%
46	11.682	1417	1420	1427	rVB5	99008	217819	9.51%	0.403%
47	11.758	1427	1433	1440	rVB4	216665	407902	17.81%	0.755%
48	11.835	1440	1446	1453	rBV3	416894	811722	35.44%	1.502%
49	11.941	1459	1464	1468	rBV	531687	800415	34.95%	1.481%
50	12.029	1474	1479	1485	rVB2	252587	433411	18.92%	0.802%
51	12.117	1489	1494	1500	rBV5	166060	351017	15.33%	0.650%
52	12.246	1513	1516	1520	rVB	108782	154462	6.74%	0.286%
53	12.340	1522	1532	1537	rBV2	1272241	2157633	94.21%	3.993%
54	12.587	1569	1574	1581	rVB	1069614	1832556	80.02%	3.392%
55	12.804	1604	1611	1619	rVB	680205	1257282	54.90%	2.327%
56	12.963	1632	1638	1641	rBV2	162950	279168	12.19%	0.517%
57	13.139	1664	1668	1674	rVB	190375	279758	12.22%	0.518%
58	13.280	1687	1692	1698	rVB	548239	787474	34.39%	1.457%
59	13.368	1703	1707	1712	rVB	231768	367452	16.04%	0.680%
60	13.574	1733	1742	1749	rBV	1380273	2275240	99.35%	4.211%
61	13.780	1773	1777	1780	rBV	128884	226587	9.89%	0.419%
62	13.915	1794	1800	1801	rBV2	271681	427540	18.67%	0.791%
63	14.073	1821	1827	1832	rBV	488749	879489	38.40%	1.628%
64	14.126	1832	1836	1841	rVB2	392553	604835	26.41%	1.119%
65	14.179	1841	1845	1848	rBV3	191074	358229	15.64%	0.663%
66	14.220	1848	1852	1856	rVV	607554	882148	38.52%	1.633%
67	14.261	1856	1859	1863	rVV2	190345	272906	11.92%	0.505%
68	14.308	1863	1867	1870	rVV	170951	295671	12.91%	0.547%
69	14.338	1870	1872	1877	rVB	191126	210230	9.18%	0.389%
70	14.479	1892	1896	1904	rVB4	109417	240263	10.49%	0.445%
71	14.584	1910	1914	1918	rVB3	160777	244569	10.68%	0.453%
72	14.637	1918	1923	1931	rBV	1254439	1643020	71.74%	3.041%
73	14.714	1931	1936	1939	rBV5	201977	353151	15.42%	0.654%
74	14.767	1939	1945	1950	rVV2	809138	1454272	63.50%	2.691%
75	14.966	1973	1979	1986	rVB3	144925	374930	16.37%	0.694%
76	15.143	2004	2009	2014	rVV3	265399	506549	22.12%	0.937%

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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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77	15.219	2019	2022	2025	rVV	174124	270805	11.82%	0.501%
78	15.254	2025	2028	2036	rVV6	185751	357019	15.59%	0.661%
79	15.366	2042	2047	2051	rVV	130021	218525	9.54%	0.404%
80	15.413	2052	2055	2060	rVB	110181	161177	7.04%	0.298%
81	15.536	2070	2076	2079	rBV5	106471	215750	9.42%	0.399%
82	15.589	2080	2085	2089	rVB	703758	936274	40.88%	1.733%
83	15.995	2150	2154	2162	rVB3	202510	352621	15.40%	0.653%
84	16.236	2192	2195	2202	rVB2	204706	290023	12.66%	0.537%
85	16.447	2227	2231	2234	rBV	418100	678332	29.62%	1.255%
86	16.570	2248	2252	2256	rBV4	83491	148477	6.48%	0.275%
87	17.246	2362	2367	2371	rBV	320258	411748	17.98%	0.762%
88	17.299	2372	2376	2381	rVB	199933	275497	12.03%	0.510%
89	17.499	2405	2410	2415	rBV	248740	427532	18.67%	0.791%
90	17.986	2489	2493	2498	rVB	420057	504812	22.04%	0.934%
91	18.386	2557	2561	2565	rBV2	278333	427385	18.66%	0.791%
92	18.433	2566	2569	2575	rVB3	148696	225632	9.85%	0.418%
93	18.680	2608	2611	2616	rVB	407938	493953	21.57%	0.914%
94	19.144	2687	2690	2694	rVB2	274138	342473	14.95%	0.634%
95	19.308	2715	2718	2722	rVB	429058	528722	23.09%	0.979%
96	19.479	2744	2747	2752	rBV4	201713	316627	13.83%	0.586%
97	20.060	2843	2846	2848	rBV	485992	654481	28.58%	1.211%
98	20.201	2866	2870	2872	rBV3	362923	578427	25.26%	1.071%
99	20.425	2906	2908	2912	rVB	632047	606743	26.49%	1.123%
100	20.607	2936	2939	2944	rVB3	544033	885723	38.68%	1.639%

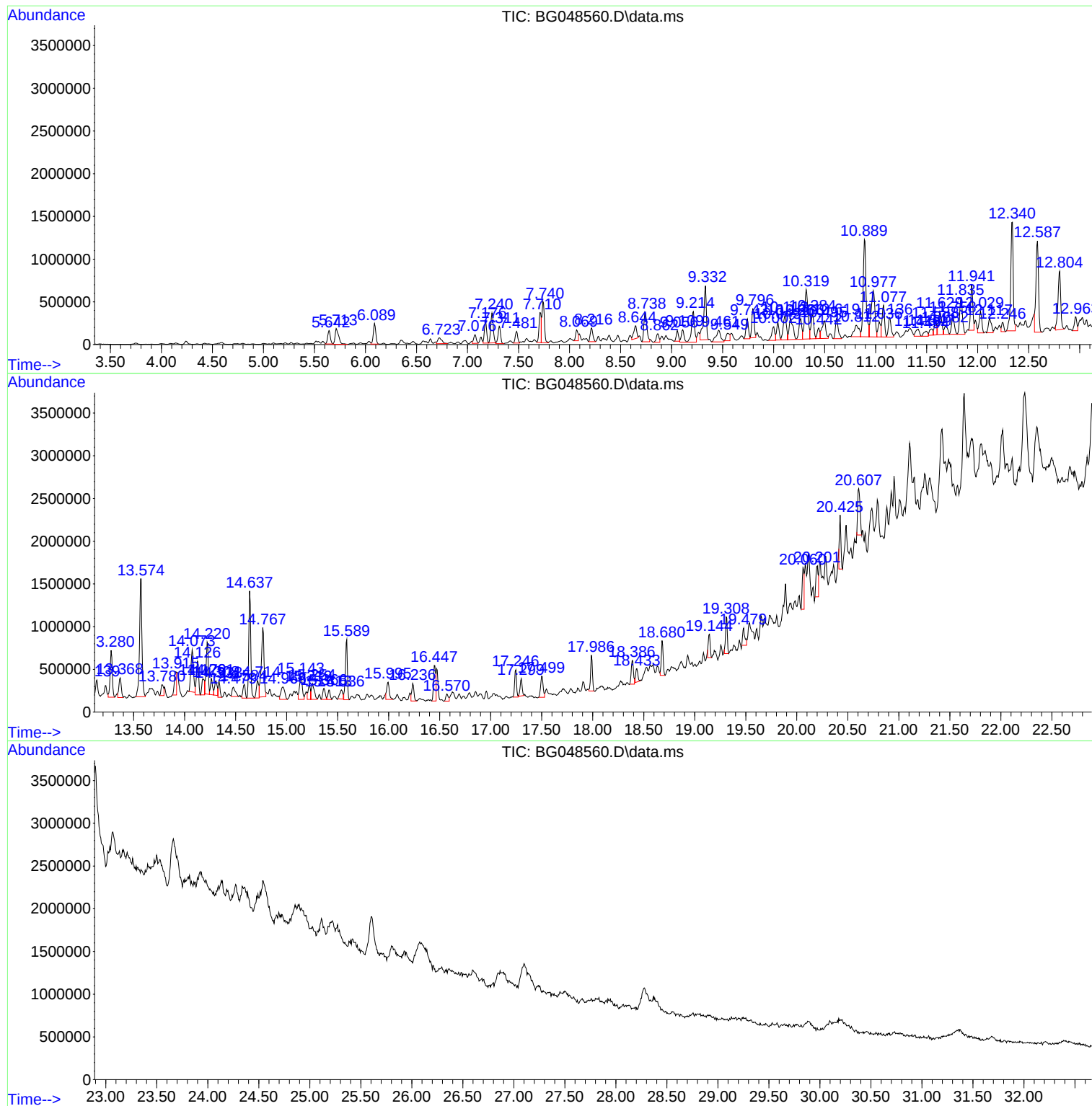
Sum of corrected areas: 54033101

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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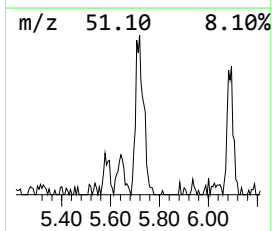
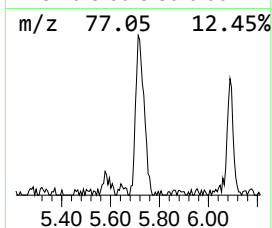
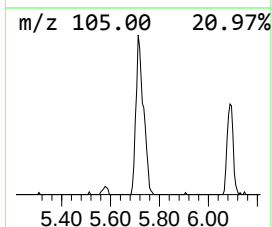
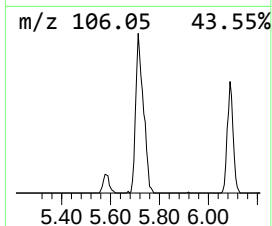
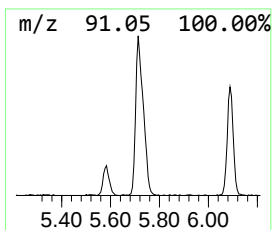
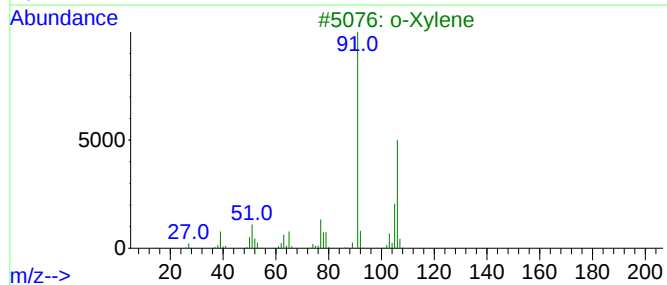
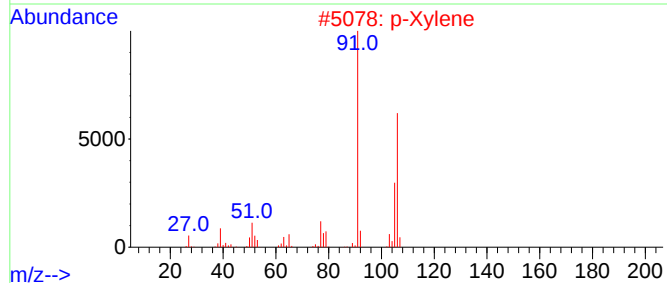
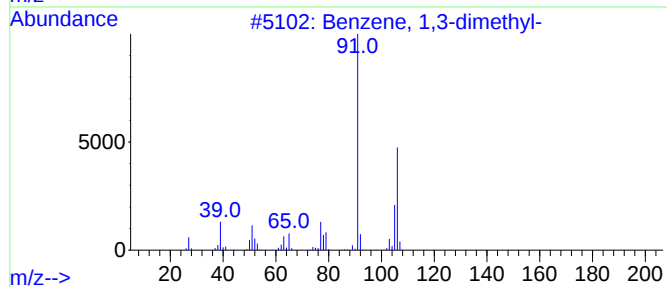
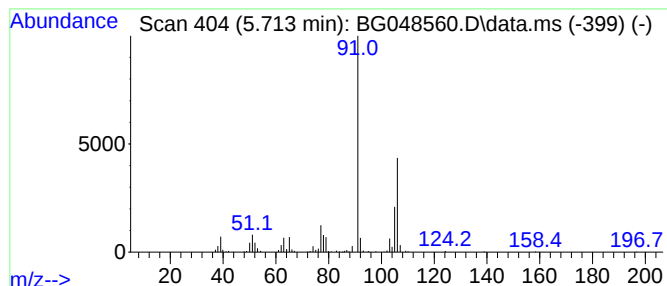
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.713	43.31 ng	449151	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2			p-Xylene	106	C8H10	000106-42-3	95
3			o-Xylene	106	C8H10	000095-47-6	95
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5			Ethylbenzene	106	C8H10	000100-41-4	81



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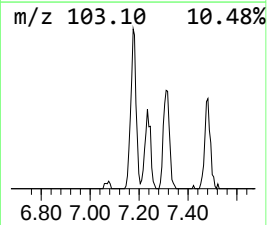
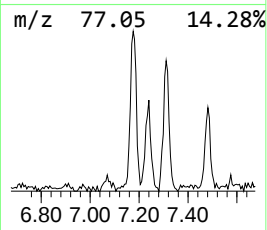
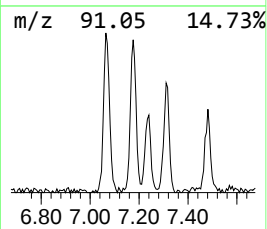
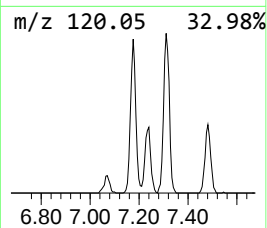
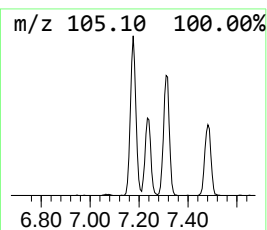
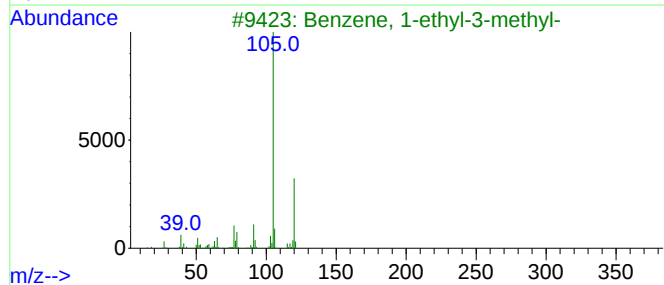
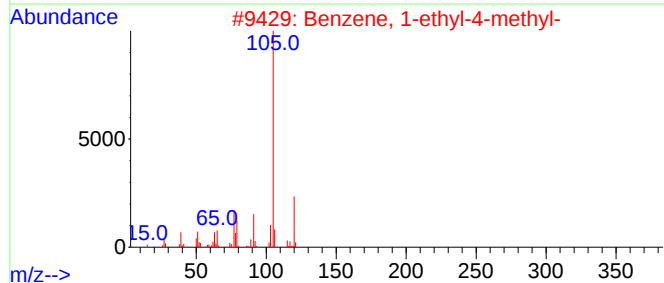
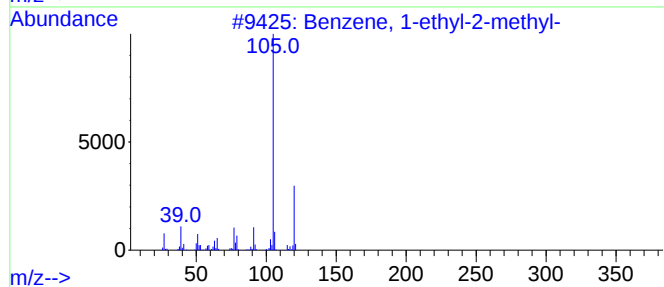
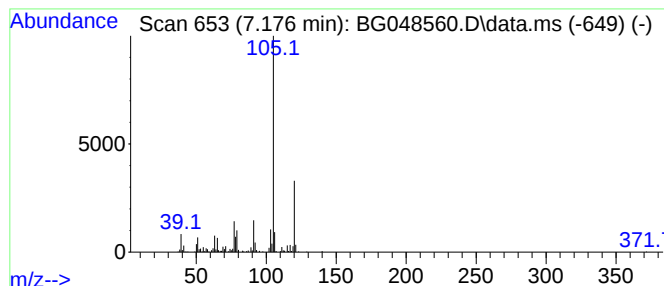
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.176	37.83 ng	392324	1,4-Dichlorobenzene-d4	8.098

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-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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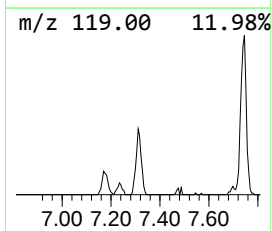
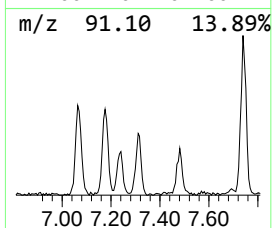
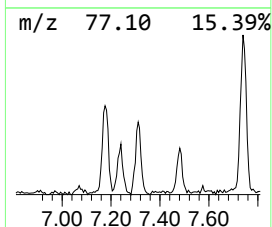
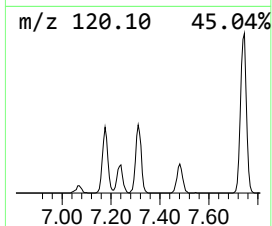
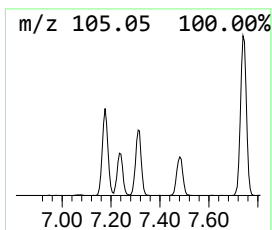
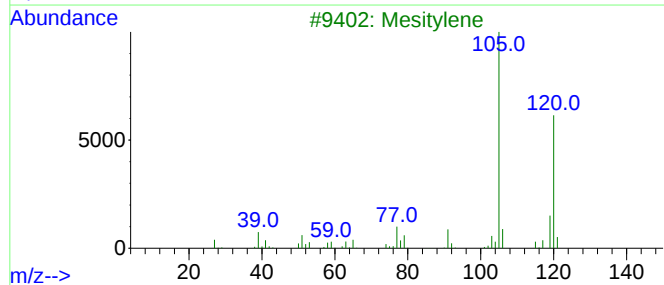
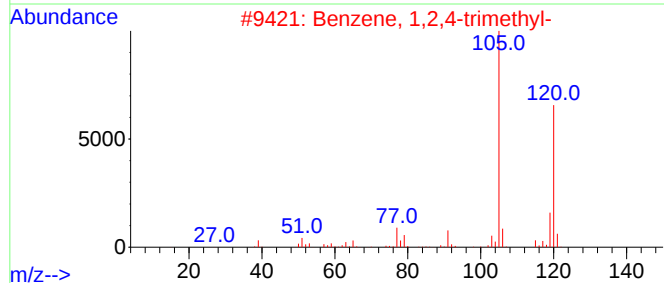
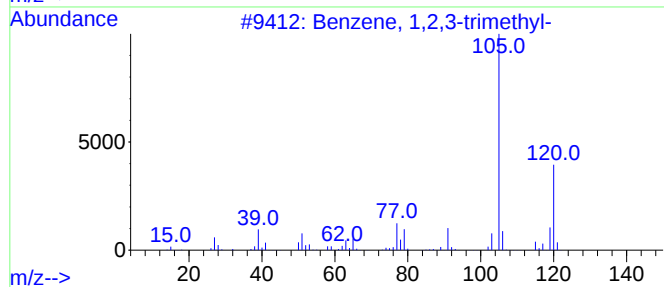
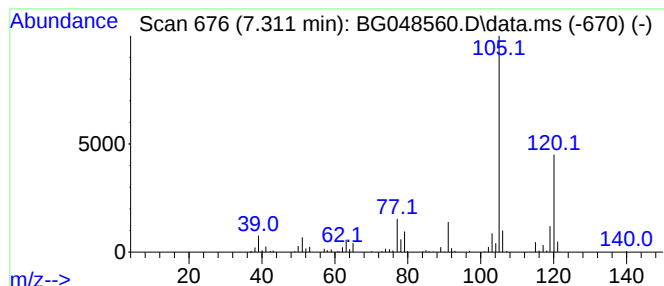
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.311	33.04 ng	342653	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
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Instrument :
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ClientSampleId :
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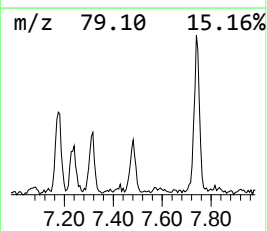
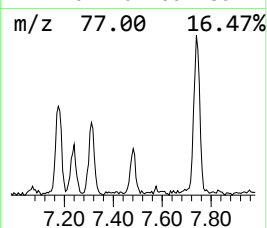
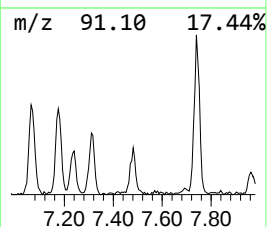
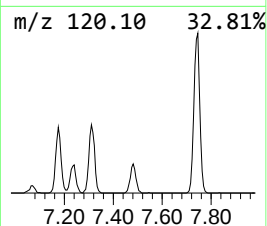
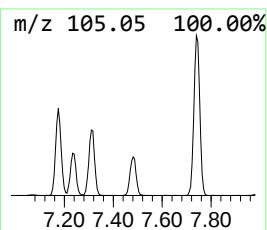
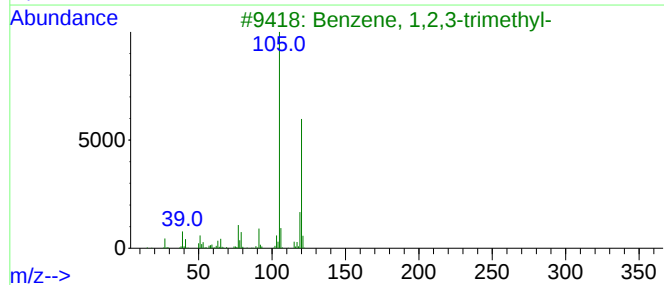
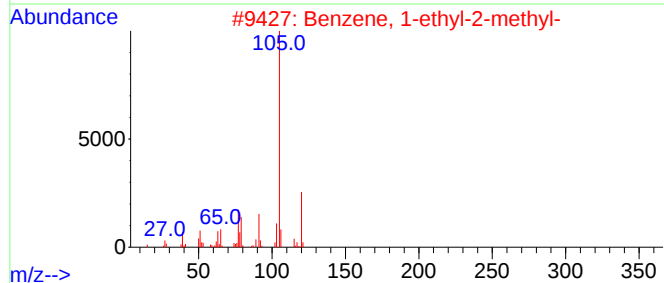
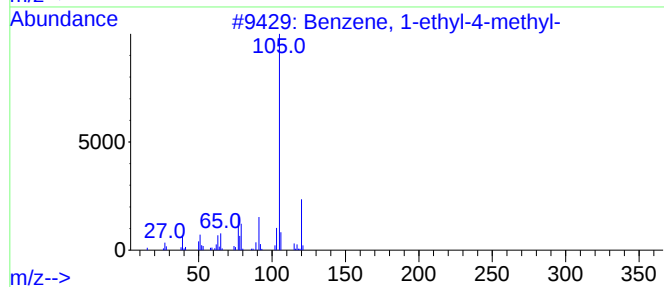
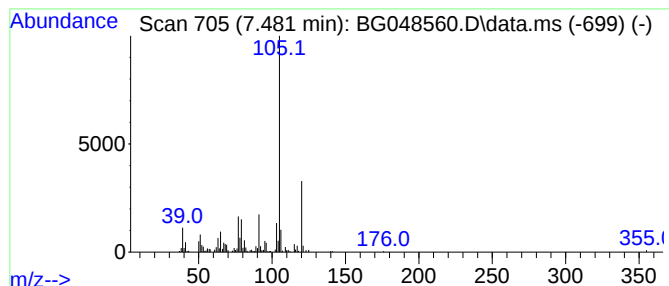
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	21.70 ng	225104	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5			Mesitylene	120	C9H12	000108-67-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
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Sample : M1883-01
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ClientSampleId :
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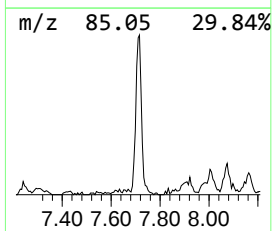
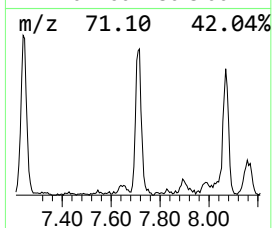
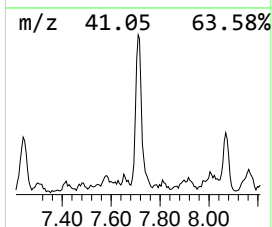
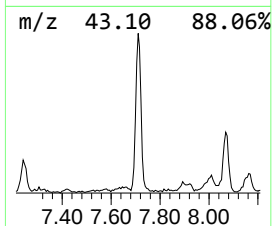
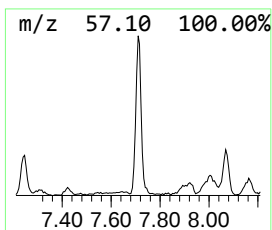
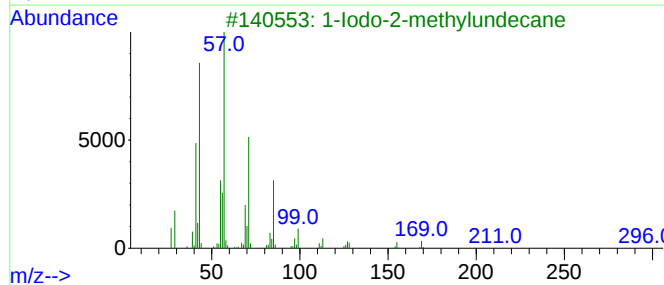
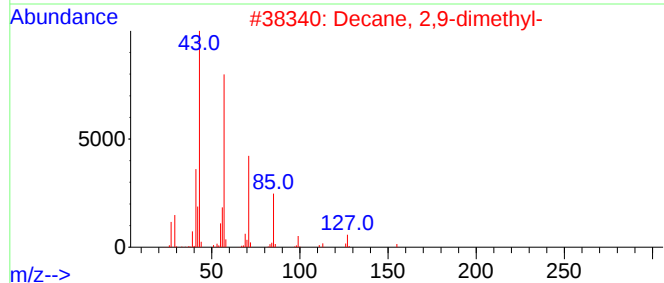
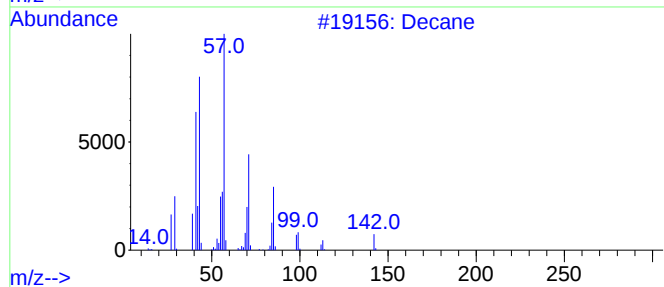
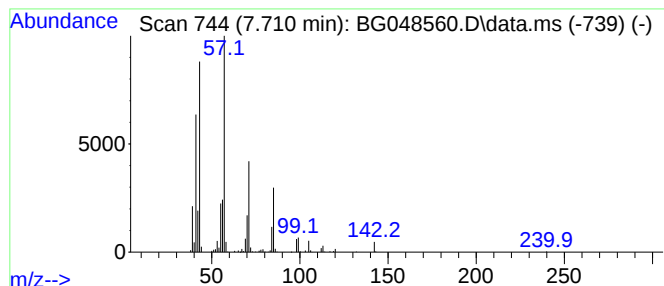
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	50.80 ng	526858	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	95
2			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4			Tridecane	184	C13H28	000629-50-5	59
5			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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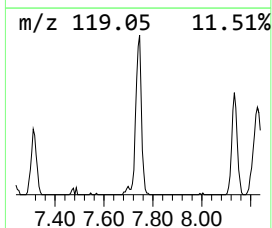
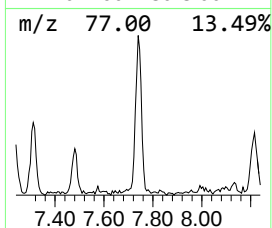
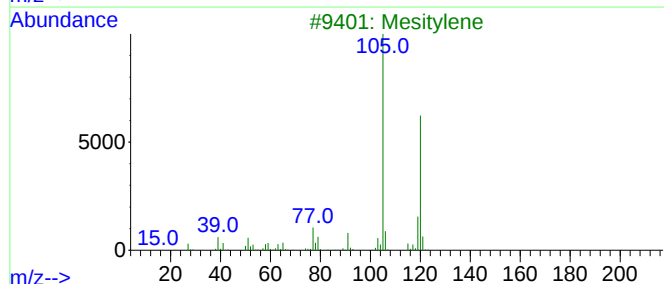
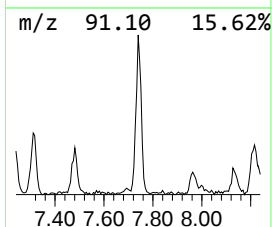
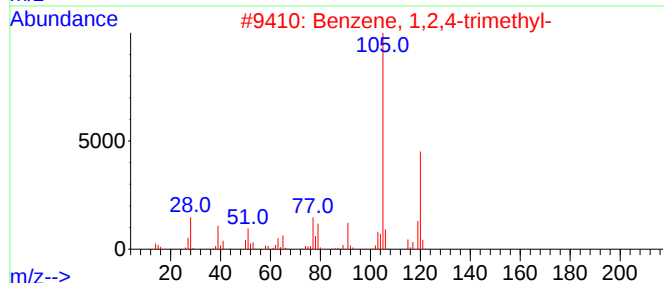
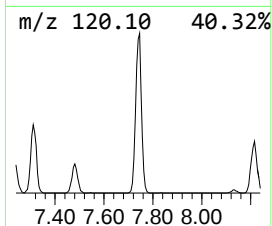
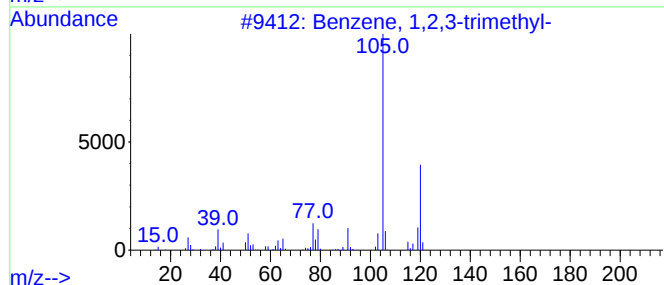
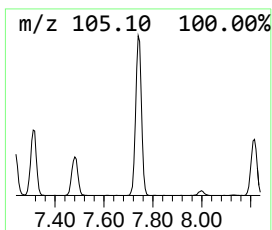
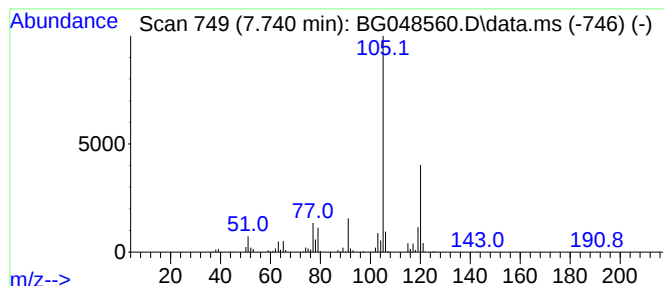
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.740	76.15 ng	789728	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
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ClientSampleId :
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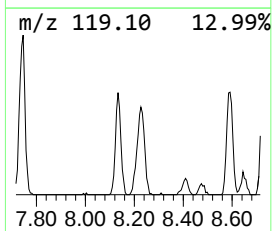
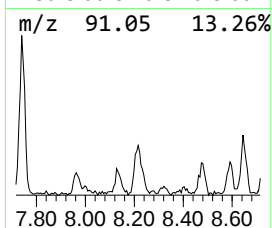
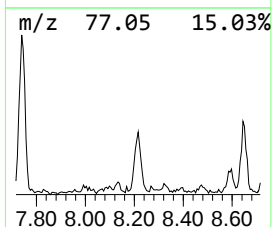
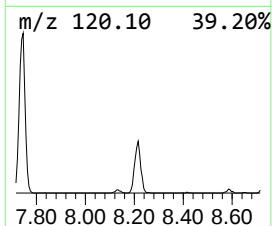
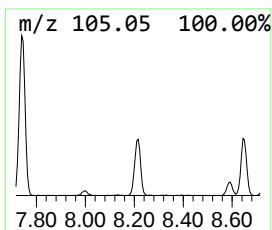
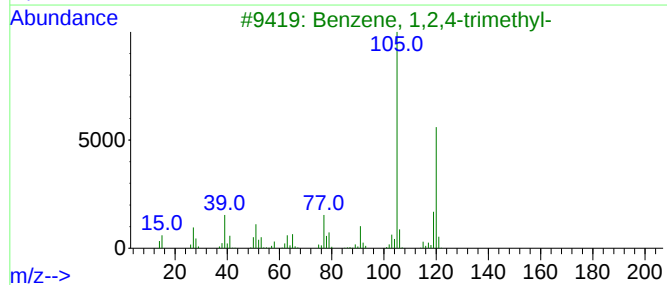
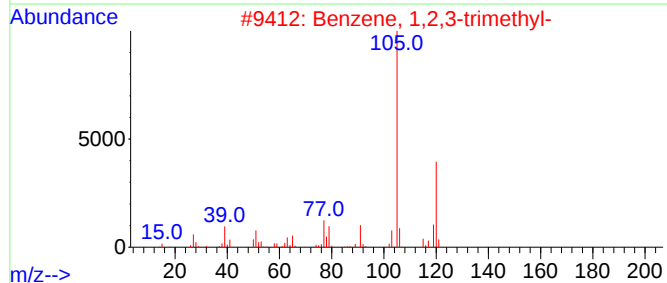
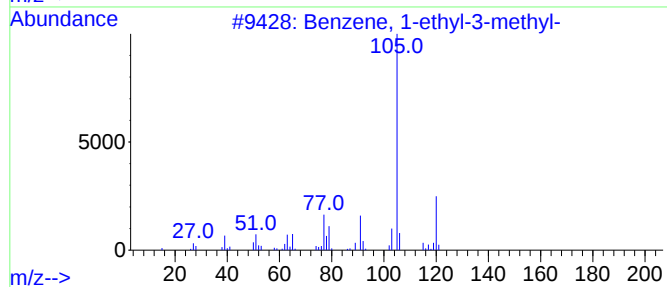
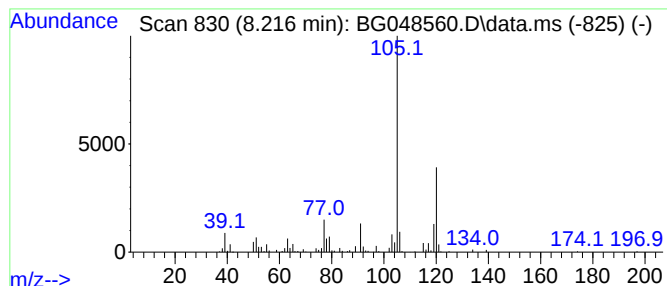
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.216	27.58 ng	286057	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
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ClientSampleId :
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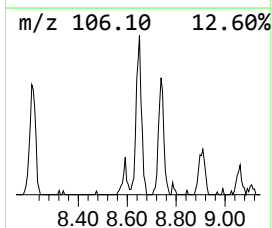
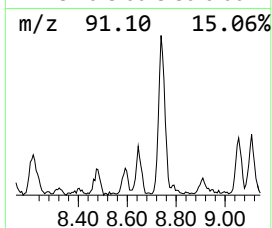
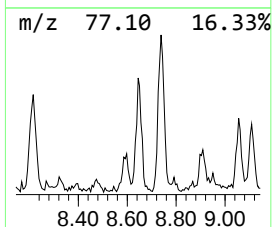
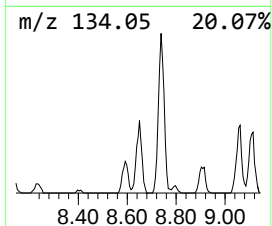
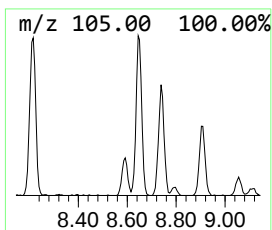
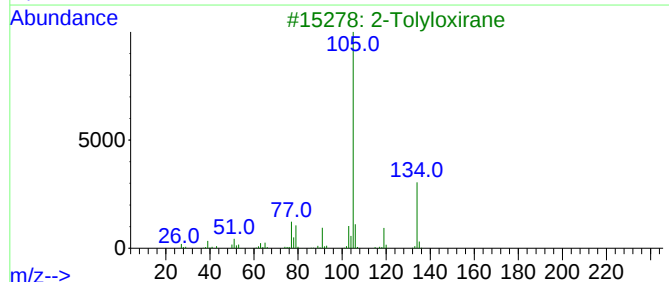
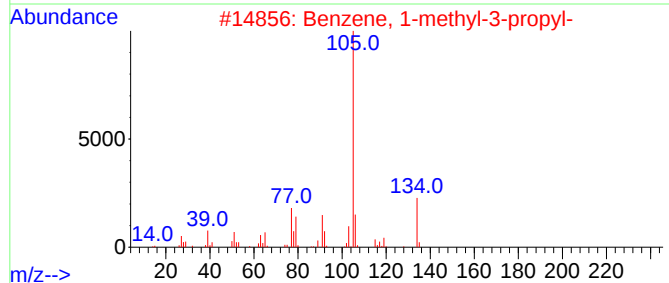
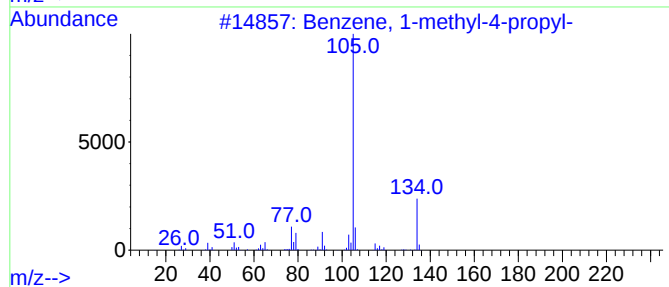
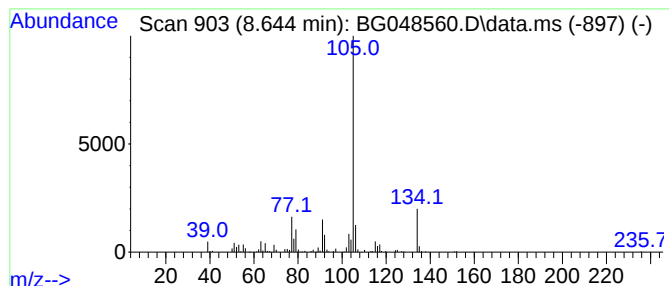
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.644	30.00 ng	311144	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3			2-Tolyloxirane	134	C9H10O	002783-26-8	87
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72



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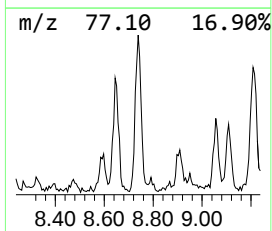
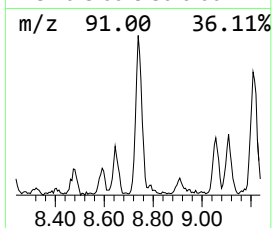
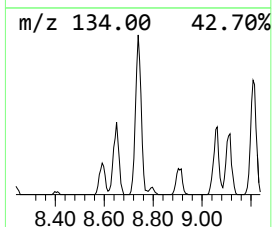
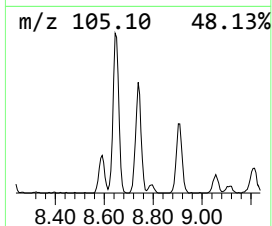
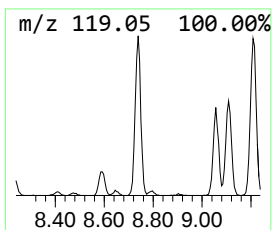
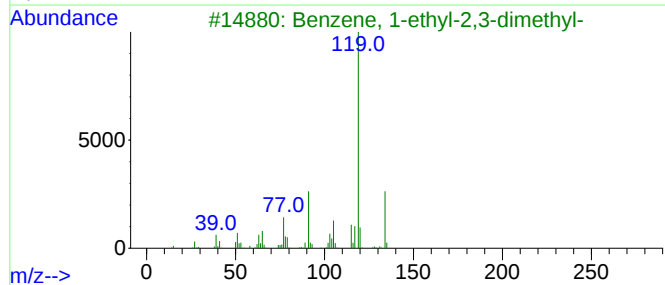
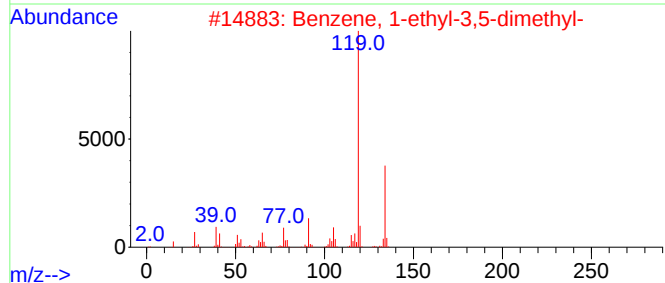
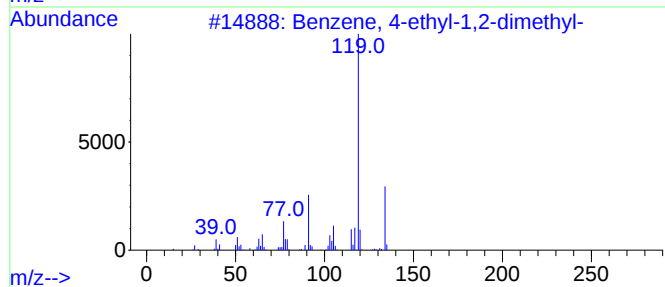
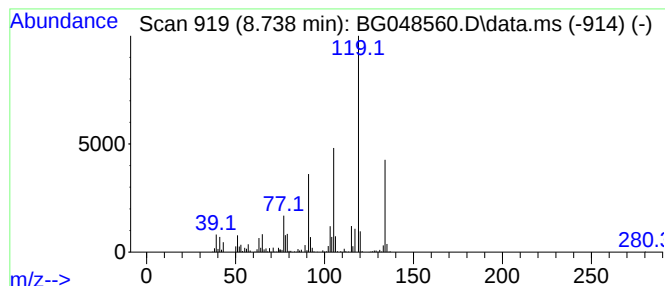
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.738	68.42 ng	709555	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



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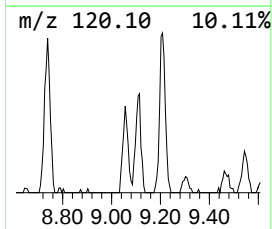
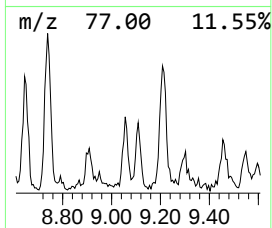
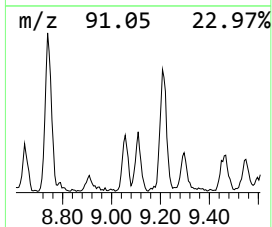
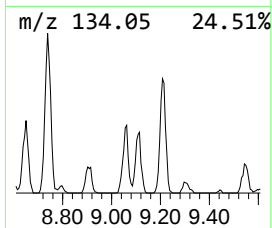
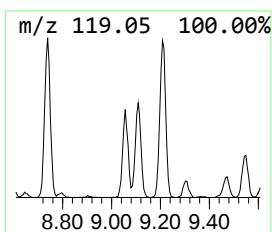
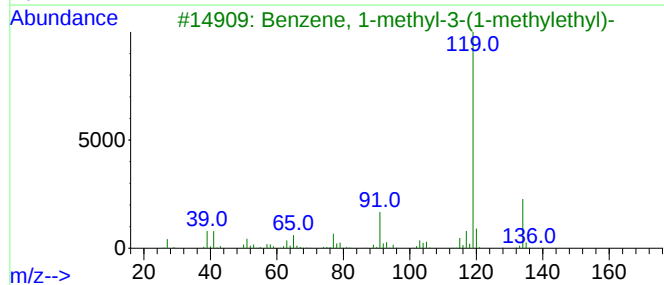
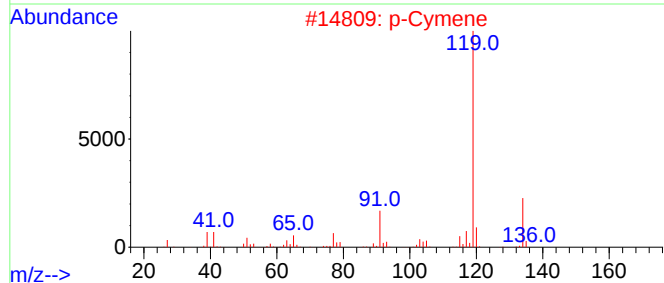
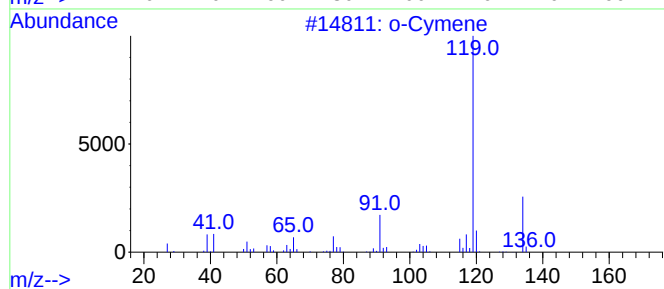
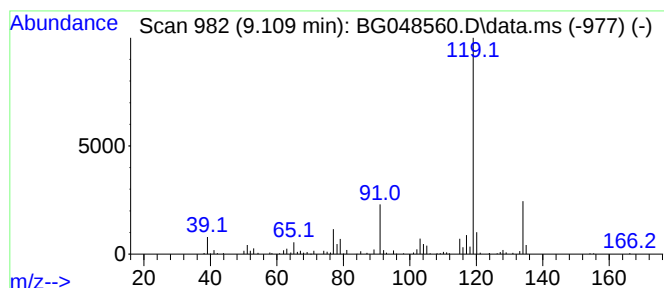
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.109	25.41 ng	263546	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			p-Cymene	134	C10H14	000099-87-6	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IEC-R2

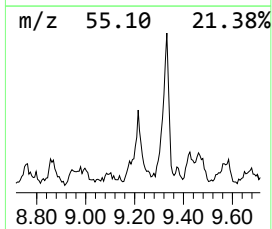
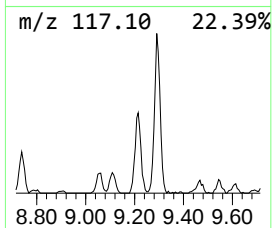
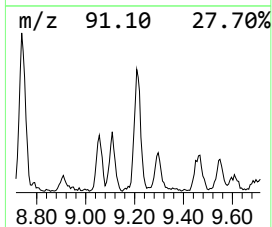
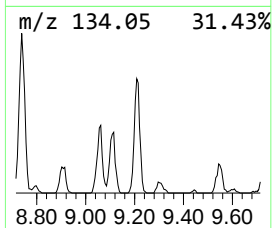
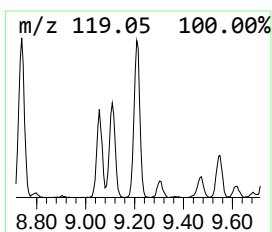
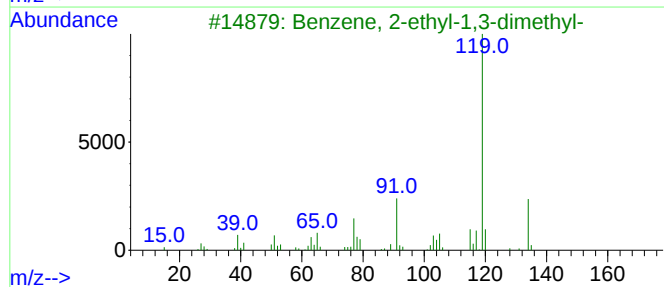
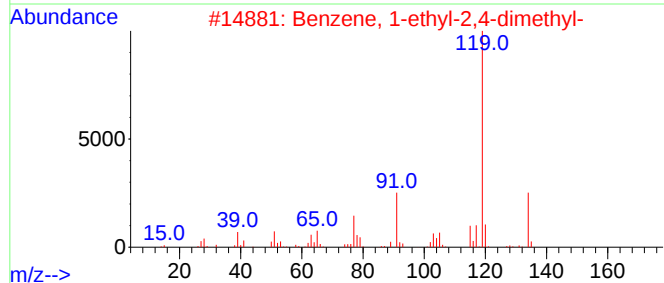
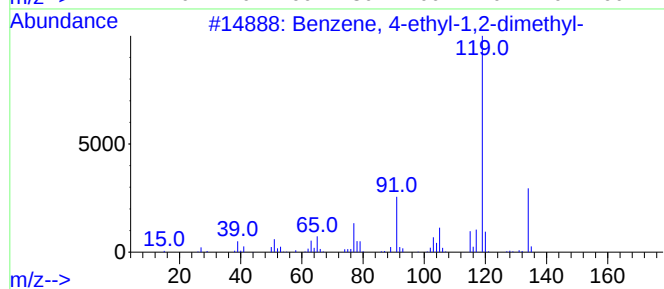
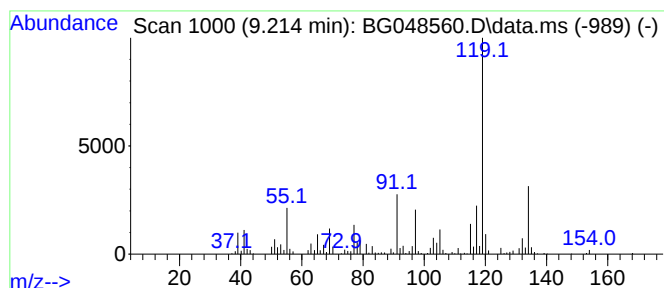
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.214	71.87 ng	745394	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			p-Cymene	134	C10H14	000099-87-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
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Instrument :
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ClientSampleId :
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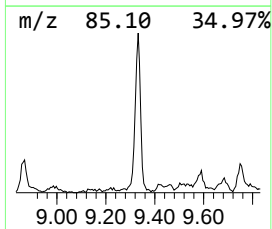
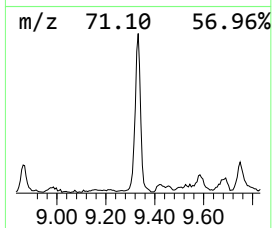
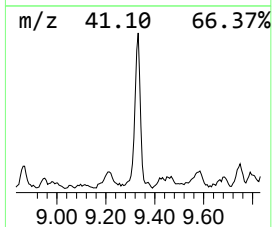
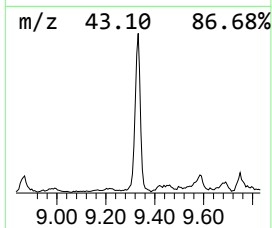
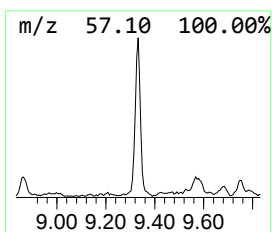
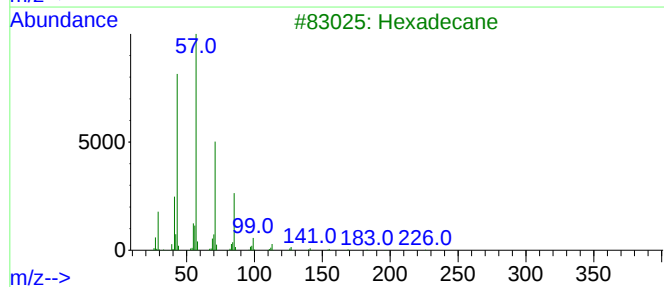
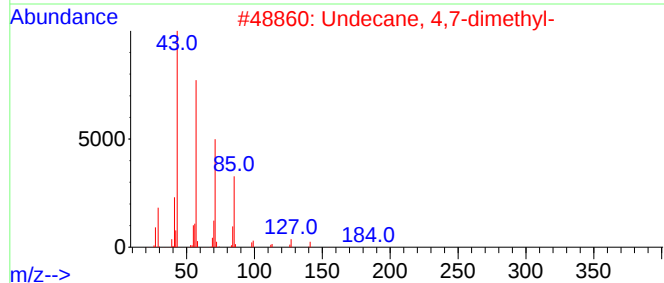
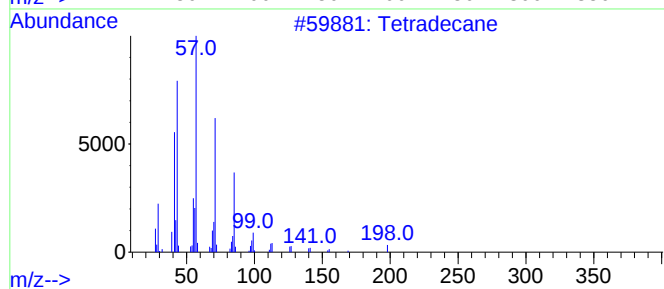
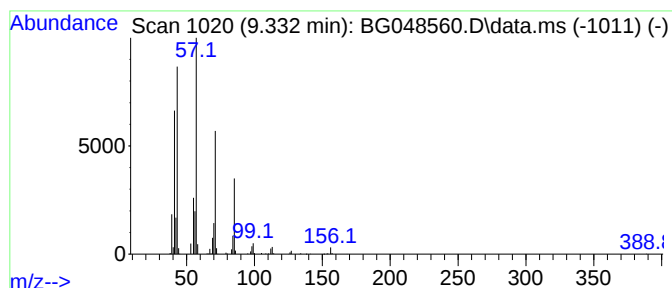
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.332	110.31 ng	1143980	1,4-Dichlorobenzene-d4	8.098

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	83
2		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
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Sample : M1883-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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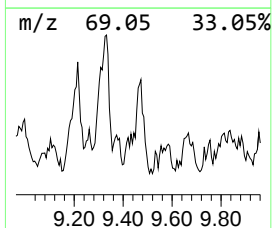
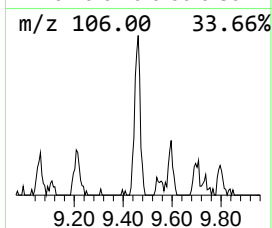
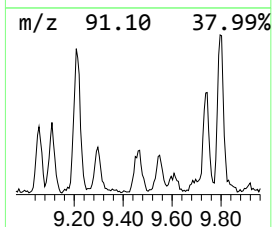
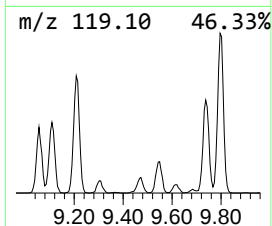
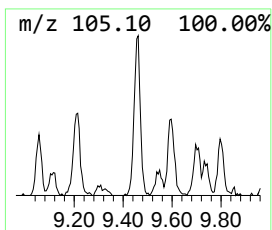
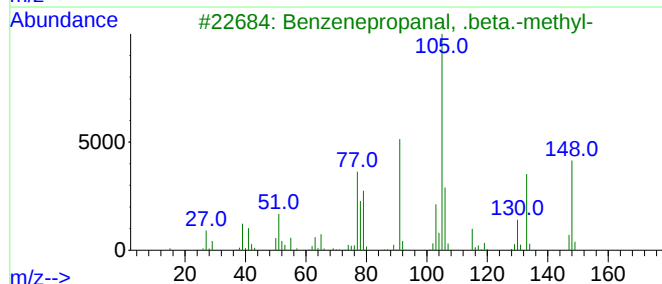
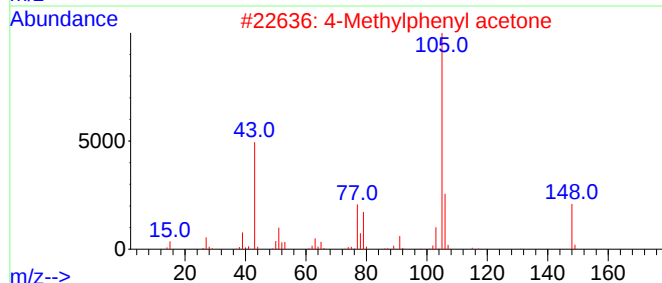
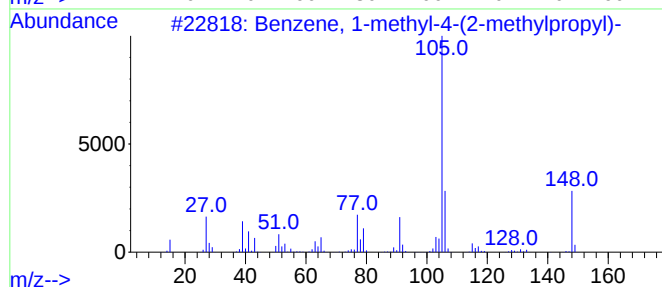
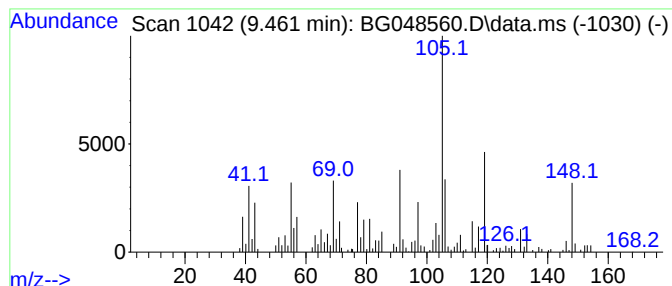
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1-methyl-4-(2-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.461	41.13 ng	426554	1,4-Dichlorobenzene-d4	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	50
2			4-Methylphenyl acetone	148	C10H12O	002096-86-8	45
3			Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	35
4			2-Methylindan-2-ol	148	C10H12O	033223-84-6	35
5			Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
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Misc :
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Instrument :
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ClientSampleId :
IEC-R2

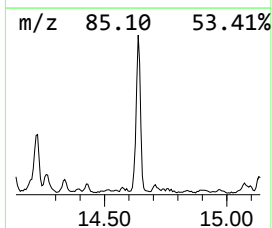
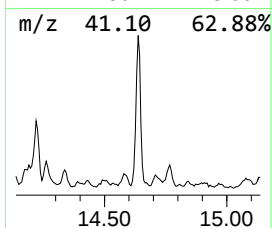
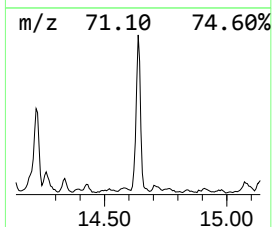
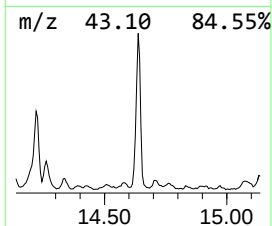
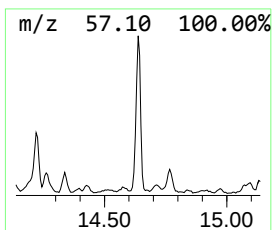
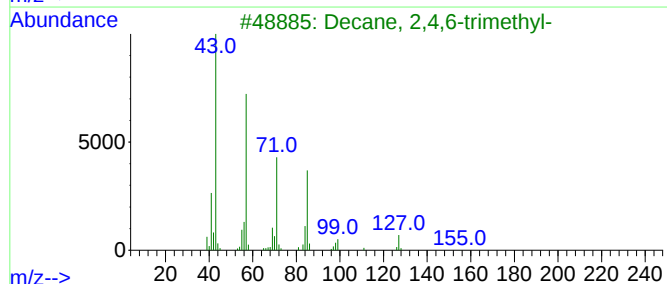
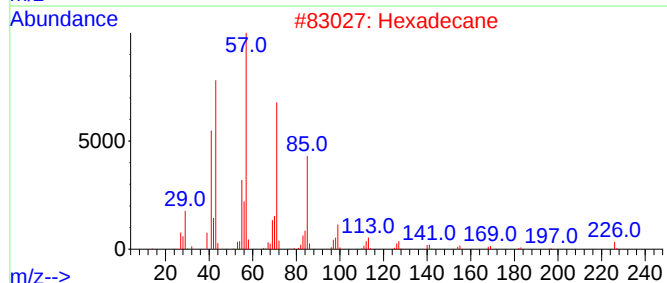
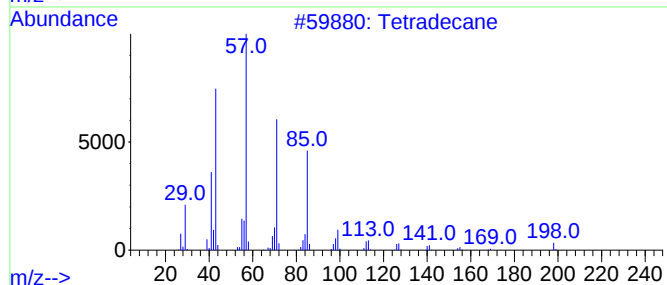
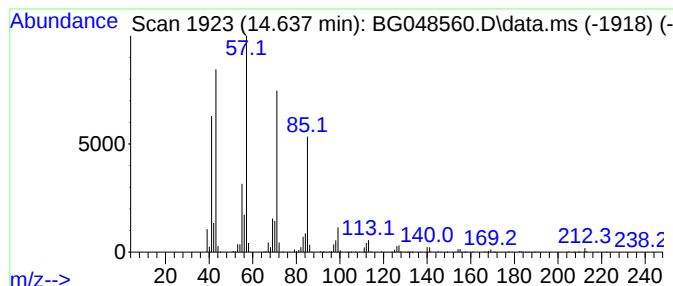
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.637	22.60 ng	1643020	Acenaphthene-d10	14.749

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	87
3			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
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Acq On : 2 Apr 2021 1:52
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
IEC-R2

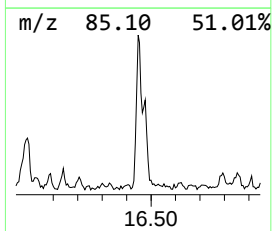
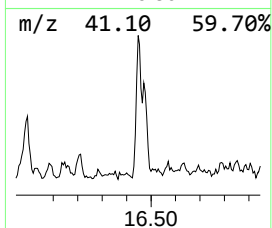
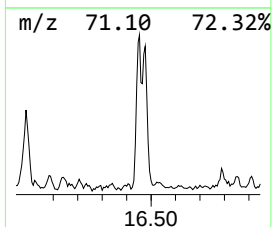
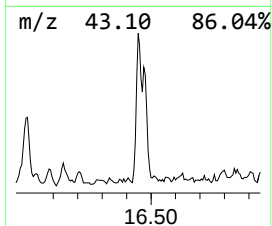
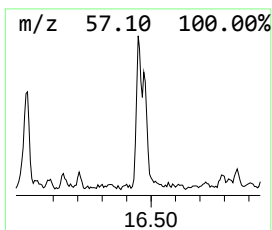
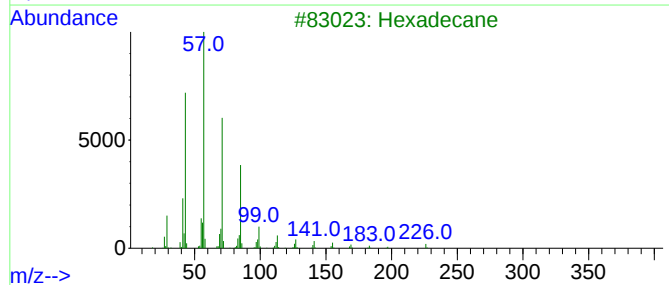
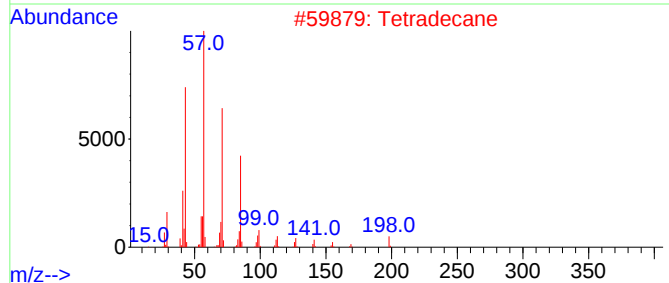
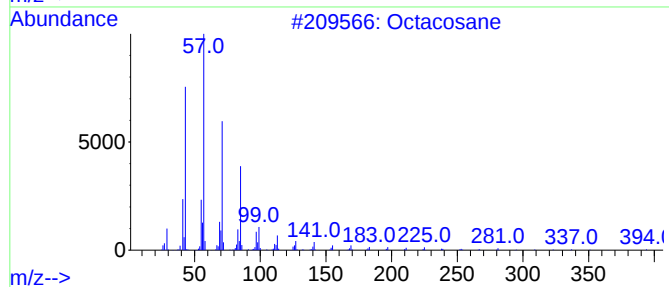
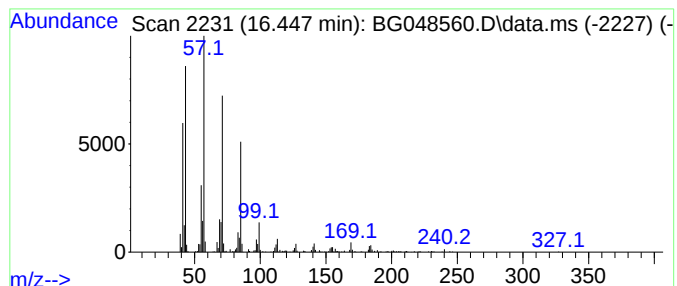
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.447	31.73 ng	678332	Phenanthrene-d10	17.499

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Hexadecane	226	C16H34	000544-76-3	86
4			Heneicosane	296	C21H44	000629-94-7	86
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
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ClientSampleId :
IEC-R2

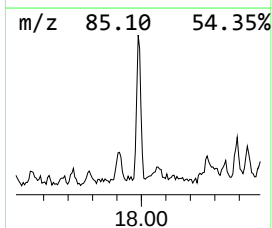
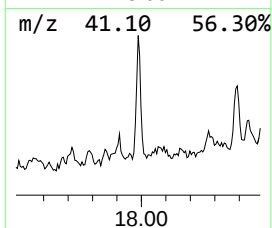
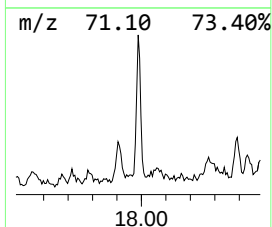
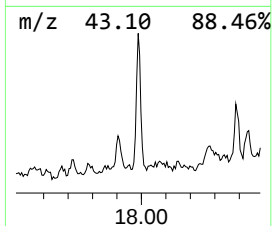
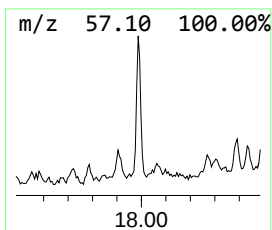
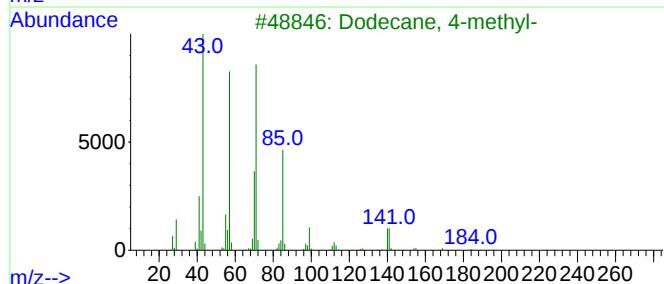
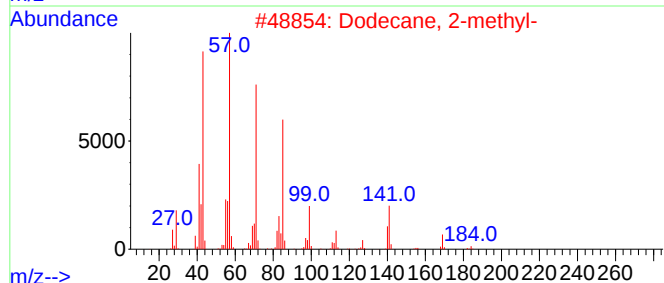
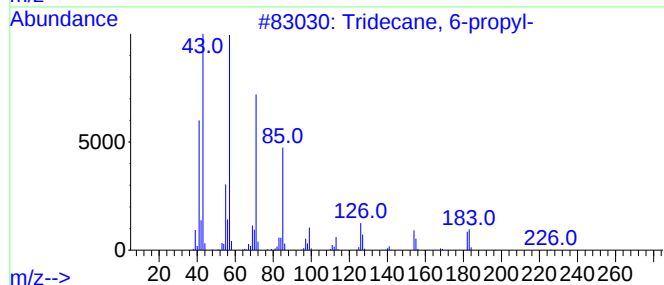
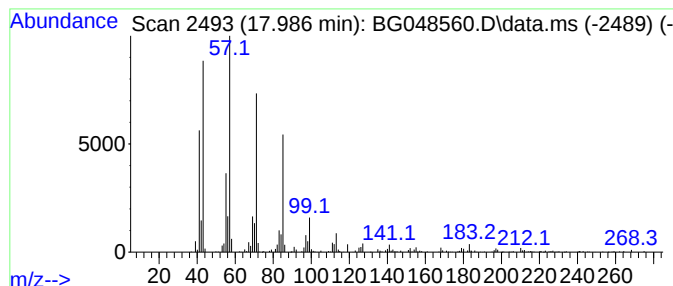
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	23.62 ng	504812	Phenanthrene-d10	17.499

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
4			Hexadecane	226	C16H34	000544-76-3	89
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IEC-R2

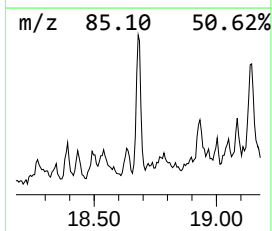
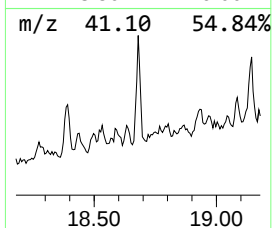
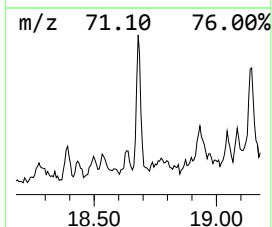
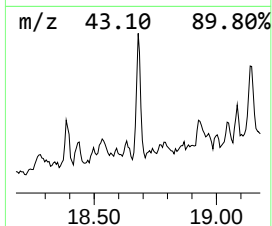
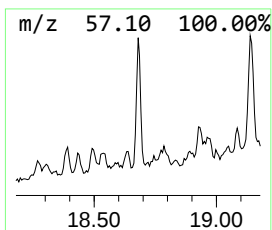
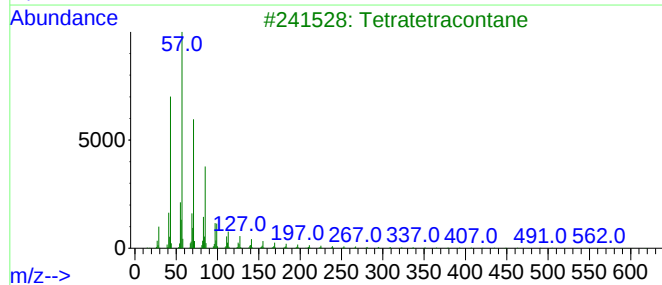
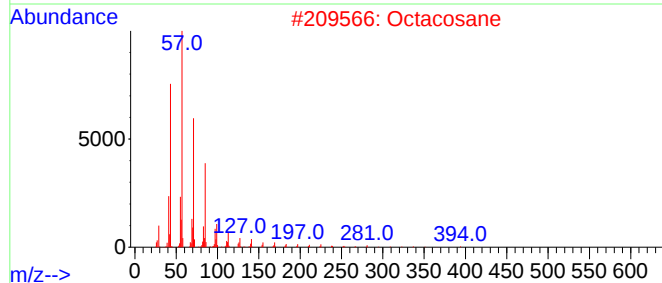
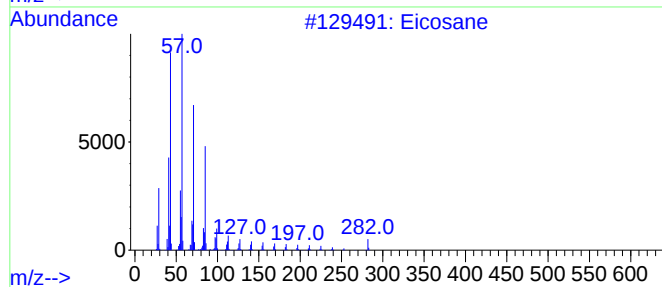
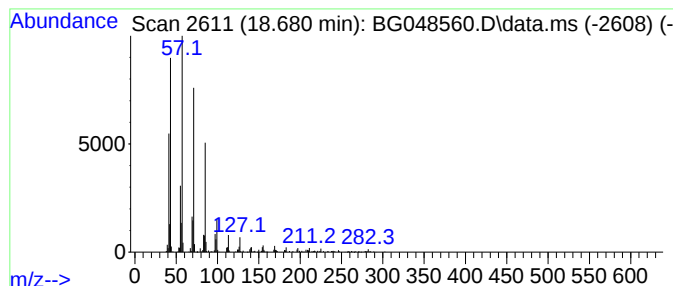
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	23.11 ng	493953	Phenanthrene-d10	17.499

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

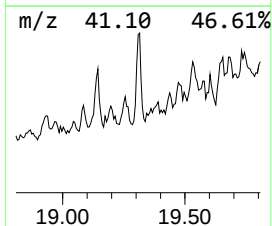
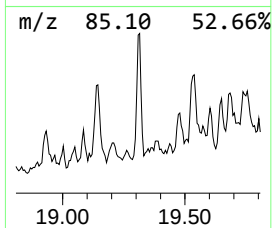
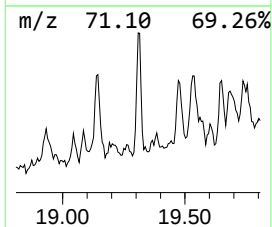
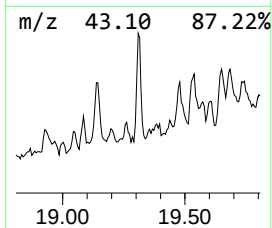
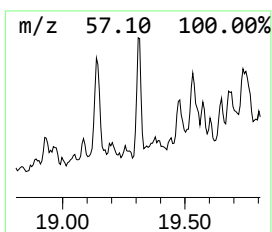
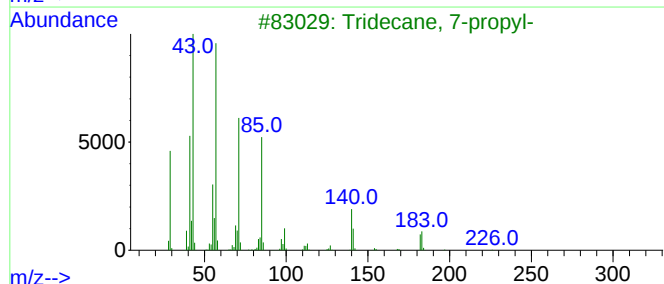
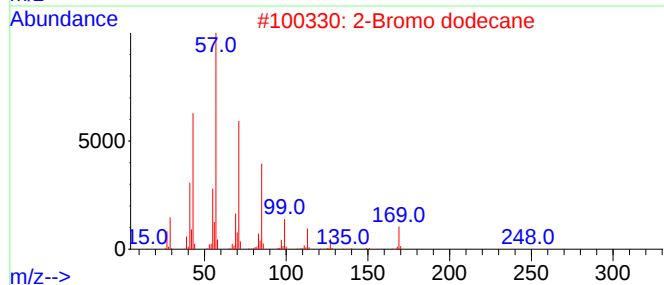
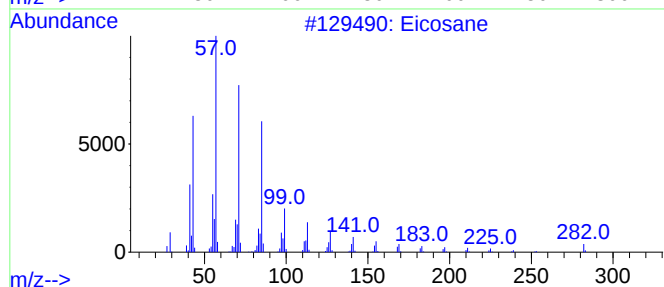
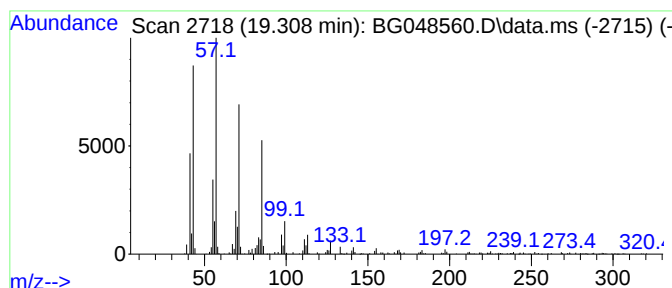
Instrument :
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ClientSampled :
IEC-R2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.308	24.73 ng	528722	Phenanthrene-d10	17.499	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048560.D
Acq On : 2 Apr 2021 1:52
Operator : CG/JU
Sample : M1883-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IEC-R2

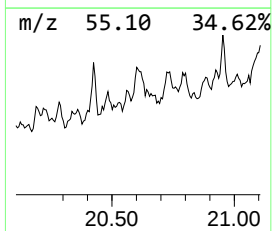
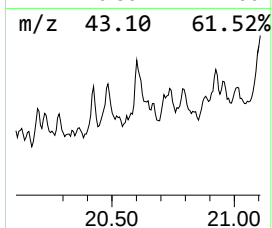
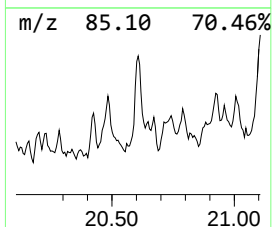
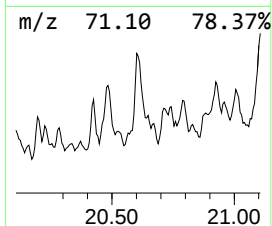
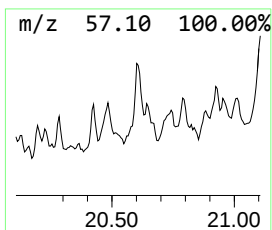
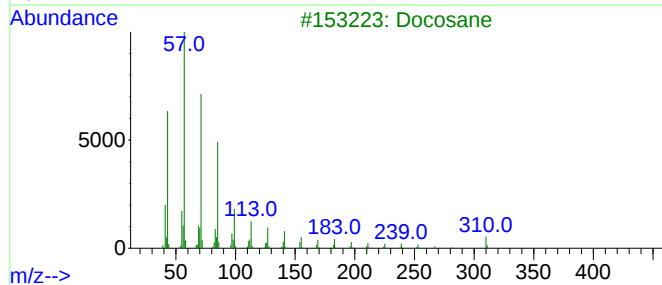
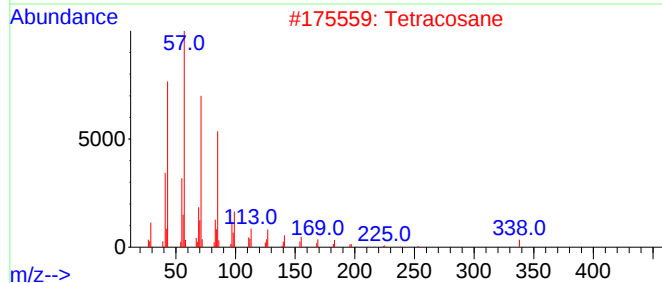
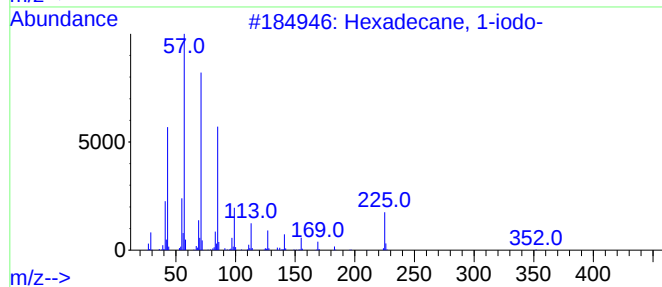
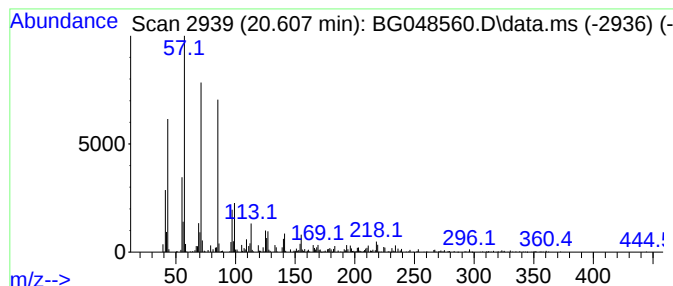
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.607	20.00 ng	885723	Chrysene-d12	21.811

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
2		Tetracosane	338	C24H50	000646-31-1	87
3		Docosane	310	C22H46	000629-97-0	83
4		Heneicosane	296	C21H44	000629-94-7	80
5		Triacontane	422	C30H62	000638-68-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048560.D
 Acq On : 2 Apr 2021 1:52
 Operator : CG/JU
 Sample : M1883-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IEC-R2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-di...	5.713	43.3	ng	449151	1	8.098	207421	20.0
Benzene, 1-ethy...	7.176	37.8	ng	392324	1	8.098	207421	20.0
Benzene, 1,2,3-...	7.311	33.0	ng	342653	1	8.098	207421	20.0
Benzene, 1-ethy...	7.481	21.7	ng	225104	1	8.098	207421	20.0
Decane	7.710	50.8	ng	526858	1	8.098	207421	20.0
Benzene, 1,2,4-...	7.740	76.2	ng	789728	1	8.098	207421	20.0
Benzene, 1-ethy...	8.216	27.6	ng	286057	1	8.098	207421	20.0
Benzene, 1-meth...	8.644	30.0	ng	311144	1	8.098	207421	20.0
Benzene, 4-ethy...	8.738	68.4	ng	709555	1	8.098	207421	20.0
o-Cymene	9.109	25.4	ng	263546	1	8.098	207421	20.0
Benzene, 1-ethy...	9.214	71.9	ng	745394	1	8.098	207421	20.0
Tetradecane	9.332	110.3	ng	1143980	1	8.098	207421	20.0
Benzene, 1-meth...	9.461	41.1	ng	426554	1	8.098	207421	20.0
Hexadecane	14.637	22.6	ng	1643020	3	14.749	1454270	20.0
Octacosane	16.447	31.7	ng	678332	4	17.499	427532	20.0
Tridecane, 6-pr...	17.986	23.6	ng	504812	4	17.499	427532	20.0
Eicosane	18.680	23.1	ng	493953	4	17.499	427532	20.0
2-Bromo dodecane	19.308	24.7	ng	528722	4	17.499	427532	20.0
Hexadecane, 1-i...	20.607	20.0	ng	885723	5	21.811	885723	20.0