

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134699.D
 Acq On : 09 Aug 2023 20:08
 Operator : CG\JU
 Sample : 03932-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB-01-Z20-22

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134699.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.451	396	402	408	rBV3	1378231	1975735	4.21%	0.322%
2	5.316	538	549	551	rVV	8055476	15308309	32.59%	2.495%
3	5.428	566	568	572	rVB2	3031120	3297824	7.02%	0.538%
4	5.663	604	608	614	rVB2	3474702	4032978	8.59%	0.657%
5	5.981	654	662	665	rBV2	3668543	5199859	11.07%	0.848%
6	6.063	673	676	682	rVB3	3660675	4678246	9.96%	0.763%
7	6.251	702	708	709	rBV	1678079	2282199	4.86%	0.372%
8	6.316	716	719	721	rVB	2032605	1760487	3.75%	0.287%
9	6.345	721	724	726	rBV	2762604	3075560	6.55%	0.501%
10	6.369	726	728	732	rVB	4255813	4645598	9.89%	0.757%
11	6.416	732	736	739	rBV2	4538521	6869865	14.63%	1.120%
12	6.504	745	751	755	rBV	5614880	6780563	14.44%	1.105%
13	6.551	755	759	764	rBV4	1057246	2267165	4.83%	0.370%
14	6.651	771	776	779	rVB	6484135	9865242	21.00%	1.608%
15	6.769	790	796	799	rBV6	1067957	1882015	4.01%	0.307%
16	6.845	804	809	811	rBV3	2165020	3162597	6.73%	0.516%
17	6.875	811	814	818	rVB	2827534	4387025	9.34%	0.715%
18	7.034	827	841	844	rBV	8934750	26999778	57.48%	4.401%
19	7.069	844	847	849	rVV2	5199698	5898484	12.56%	0.961%
20	7.092	849	851	853	rVB	4026865	3297866	7.02%	0.538%
21	7.139	853	859	865	rVB4	6678627	12222766	26.02%	1.992%
22	7.204	865	870	874	rBV2	3561187	4573941	9.74%	0.746%
23	7.281	879	883	885	rBV2	2533129	3197145	6.81%	0.521%
24	7.304	885	887	890	rVB	3779352	3630618	7.73%	0.592%
25	7.357	890	896	898	rBV	5930106	9220382	19.63%	1.503%
26	7.386	898	901	905	rVB2	5540015	6538726	13.92%	1.066%
27	7.434	906	909	911	rBV2	1785923	2057296	4.38%	0.335%
28	7.457	911	913	916	rVB2	3302485	3273380	6.97%	0.534%
29	7.498	916	920	922	rBV	3054221	3732924	7.95%	0.608%
30	7.522	922	924	929	rVB3	1809317	2127767	4.53%	0.347%
31	7.616	929	940	945	rVB2	4590562	10679473	22.74%	1.741%
32	7.728	945	959	962	rBV5	3814337	9945661	21.17%	1.621%
33	7.775	962	967	973	rVB3	5398409	11378723	24.22%	1.855%
34	7.857	973	981	985	rBV5	5554715	17583009	37.43%	2.866%
35	8.192	1018	1038	1040	rBV4	11271721	46972771	100.00%	7.657%
36	8.269	1048	1051	1054	rVB3	1862274	1757886	3.74%	0.287%

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37	8.310	1054	1058	1061	rVB4	2054691	2247013	4.78%	0.366%
38	8.386	1067	1071	1076	rBV5	3299155	6054478	12.89%	0.987%
39	8.451	1080	1082	1086	rBV3	2683973	4550171	9.69%	0.742%
40	8.486	1086	1088	1092	rVB3	2294517	2513910	5.35%	0.410%
41	8.528	1092	1095	1097	rBV	2947373	3652212	7.78%	0.595%
42	8.616	1106	1110	1113	rVB	2759149	3347026	7.13%	0.546%
43	8.886	1141	1156	1157	rVB	8801379	26086438	55.54%	4.252%
44	8.986	1161	1173	1176	rBV	8541371	20563568	43.78%	3.352%
45	9.063	1182	1186	1188	rBV3	1797309	2332628	4.97%	0.380%
46	9.104	1191	1193	1195	rVV2	1699073	1866174	3.97%	0.304%
47	9.133	1195	1198	1201	rVB2	3481279	3884700	8.27%	0.633%
48	9.180	1203	1206	1211	rBV3	2022508	2251069	4.79%	0.367%
49	9.292	1218	1225	1227	rBV	3901812	7102156	15.12%	1.158%
50	9.404	1237	1244	1248	rVB	4960976	11649883	24.80%	1.899%
51	9.480	1249	1257	1258	rBV	4244484	9250396	19.69%	1.508%
52	9.551	1262	1269	1272	rVV2	3643564	9924868	21.13%	1.618%
53	9.586	1273	1275	1283	rVB5	4702734	6726328	14.32%	1.096%
54	9.663	1283	1288	1293	rVB	3080489	6818775	14.52%	1.111%
55	9.745	1295	1302	1306	rVB3	3929750	6468097	13.77%	1.054%
56	9.886	1317	1326	1327	rBV3	2935670	6250994	13.31%	1.019%
57	9.945	1332	1336	1338	rVB2	6803574	9701785	20.65%	1.581%
58	9.986	1338	1343	1347	rBV2	2853473	5529135	11.77%	0.901%
59	10.080	1354	1359	1362	rVB3	2622007	4340444	9.24%	0.708%
60	10.122	1362	1366	1369	rBV3	2696835	3418352	7.28%	0.557%
61	10.192	1374	1378	1380	rBV3	2558831	3099733	6.60%	0.505%
62	10.222	1380	1383	1389	rVV3	2268463	2982921	6.35%	0.486%
63	10.327	1399	1401	1404	rBV	2100822	2116974	4.51%	0.345%
64	10.363	1405	1407	1409	rBV2	1531921	1702373	3.62%	0.277%
65	10.445	1413	1421	1423	rBV	3630267	7990310	17.01%	1.302%
66	10.575	1440	1443	1447	rVB3	2762534	3667102	7.81%	0.598%
67	10.792	1476	1480	1486	rVB3	2837849	5142692	10.95%	0.838%
68	11.269	1557	1561	1567	rVB2	3605311	6143197	13.08%	1.001%
69	11.433	1576	1589	1591	rBV	6493220	18355010	39.08%	2.992%
70	11.474	1591	1596	1600	rVB2	3534952	5501934	11.71%	0.897%
71	11.880	1660	1665	1668	rBV	2515506	5237777	11.15%	0.854%
72	11.963	1675	1679	1681	rBV	2196775	3631938	7.73%	0.592%
73	12.169	1710	1714	1716	rBV	2248610	2594123	5.52%	0.423%
74	12.427	1753	1758	1761	rBV3	2894904	5708947	12.15%	0.931%
75	12.604	1782	1788	1791	rVB2	3530766	6755941	14.38%	1.101%
76	12.692	1799	1803	1806	rVB	3063484	3896887	8.30%	0.635%

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77	12.839	1821	1828	1831	rVV2	4334416	10429857	22.20%	1.700%
78	12.874	1831	1834	1837	rVB3	1552530	1749301	3.72%	0.285%
79	13.039	1857	1862	1867	rVB3	2378366	4152732	8.84%	0.677%
80	13.127	1873	1877	1878	rBV2	1751096	2508310	5.34%	0.409%
81	13.216	1888	1892	1895	rBV2	2685289	3624887	7.72%	0.591%
82	13.257	1895	1899	1905	rVV	2827651	3981800	8.48%	0.649%
83	13.321	1905	1910	1912	rVV	2933204	4253300	9.05%	0.693%
84	13.351	1912	1915	1917	rVV	2749336	3216256	6.85%	0.524%
85	13.380	1917	1920	1927	rVB	3497218	4788214	10.19%	0.780%
86	13.786	1987	1989	1992	rVB	2128971	2102632	4.48%	0.343%
87	14.015	2021	2028	2031	rBV2	5011010	11681251	24.87%	1.904%
88	14.404	2090	2094	2097	rVV	3105227	3746898	7.98%	0.611%
89	14.433	2097	2099	2101	rVB	2442134	1876562	3.99%	0.306%
90	14.527	2112	2115	2116	rVV2	1818333	1994103	4.25%	0.325%
91	14.551	2116	2119	2123	rVV2	2591014	3821188	8.13%	0.623%
92	14.945	2184	2186	2196	rVB3	1037999	1709472	3.64%	0.279%
93	15.062	2199	2206	2209	rBV	3337698	7075735	15.06%	1.153%
94	15.162	2219	2223	2233	rVB	2088761	3411606	7.26%	0.556%
95	15.362	2251	2257	2262	rBV	2670893	3943082	8.39%	0.643%
96	15.439	2263	2270	2273	rVV	4067049	6665908	14.19%	1.087%
97	15.515	2280	2283	2289	rVB2	1054632	1700767	3.62%	0.277%
98	16.986	2526	2533	2540	rVB2	1405666	3000998	6.39%	0.489%
99	17.445	2603	2611	2620	rVB	1145044	2581943	5.50%	0.421%
100	17.686	2646	2652	2667	rVB	748092	1850591	3.94%	0.302%

Sum of corrected areas: 613485715

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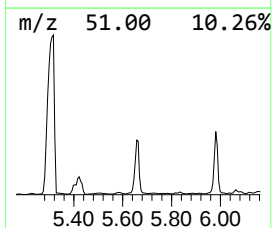
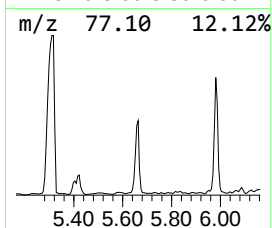
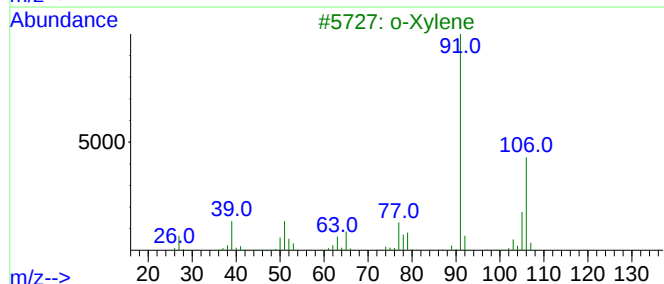
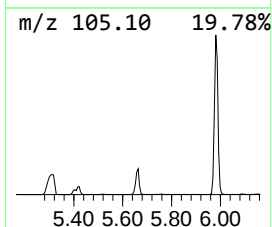
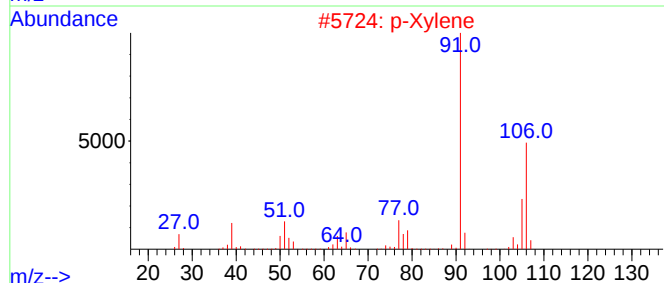
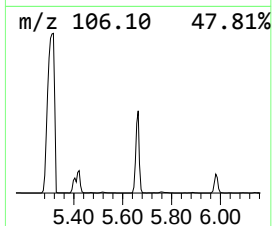
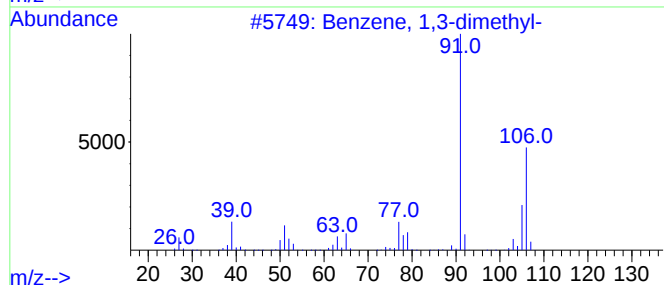
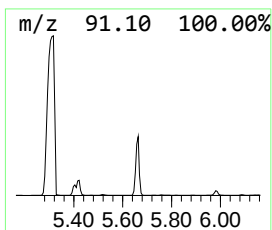
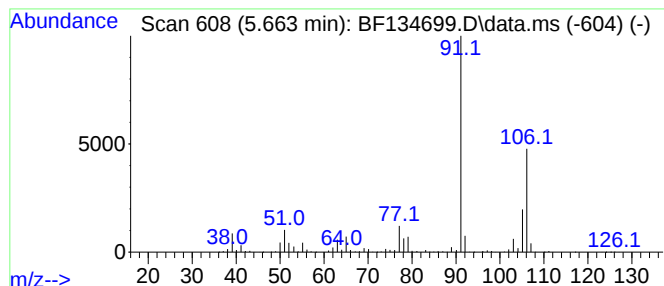
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.663	25.50 ng	4032980	1,4-Dichlorobenzene-d4	6.810

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	97
3			o-Xylene	106	C8H10	000095-47-6	97
4			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5			Ethylbenzene	106	C8H10	000100-41-4	83



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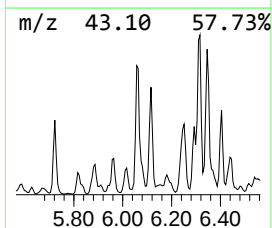
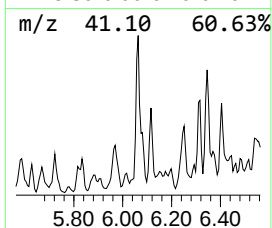
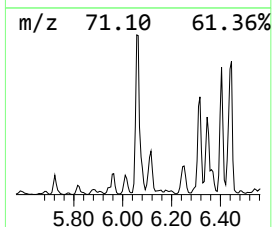
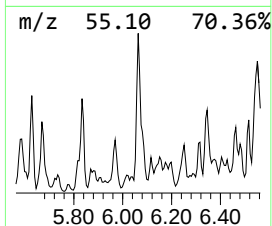
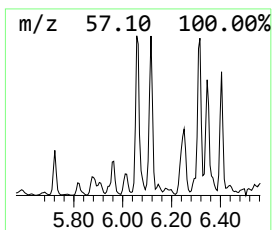
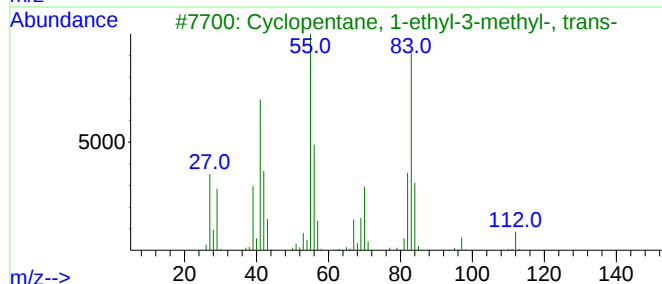
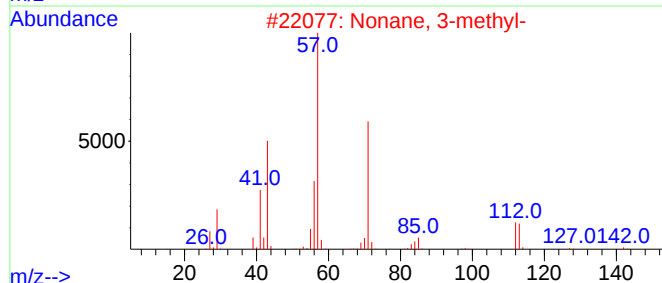
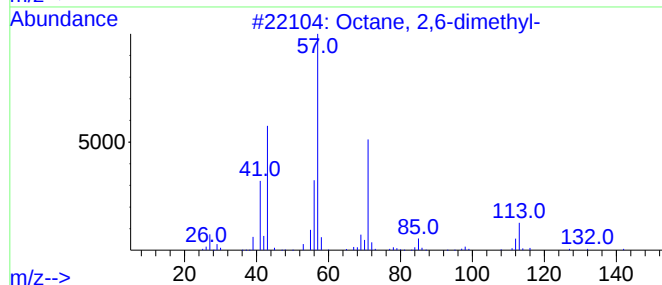
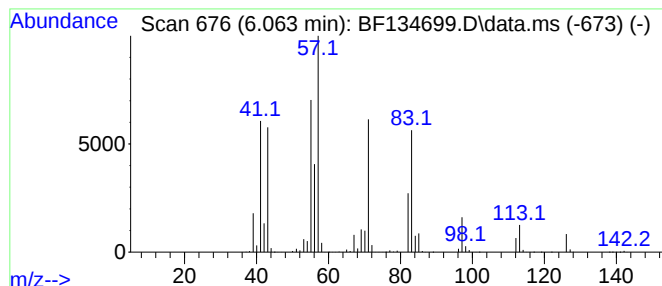
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.063	29.58 ng	4678250	1,4-Dichlorobenzene-d4	6.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	49
3			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	46
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
5			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35



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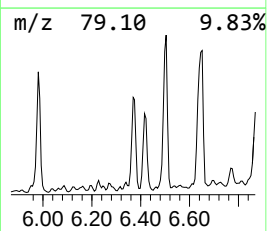
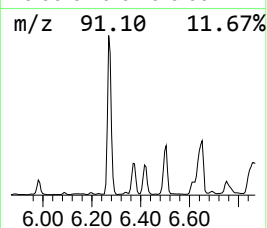
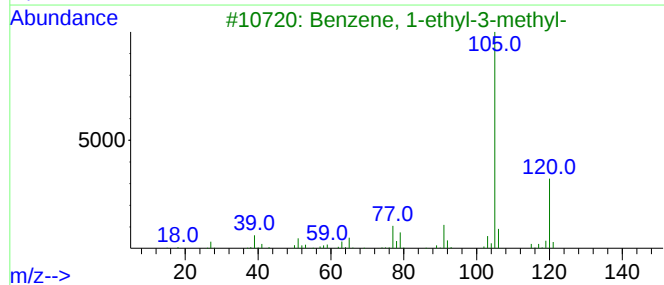
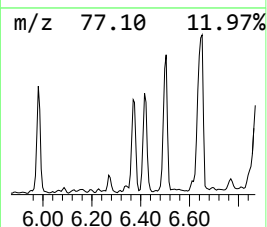
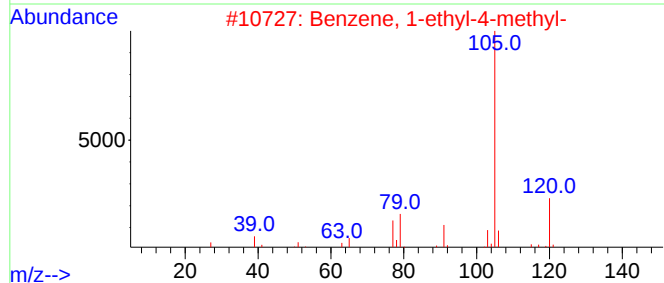
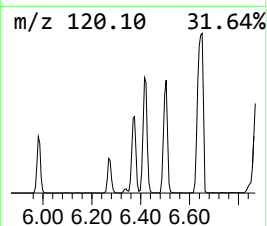
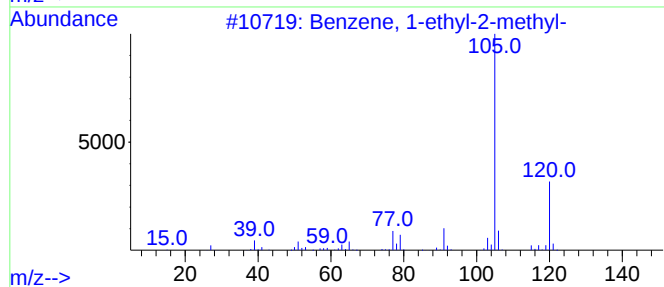
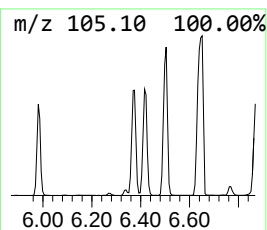
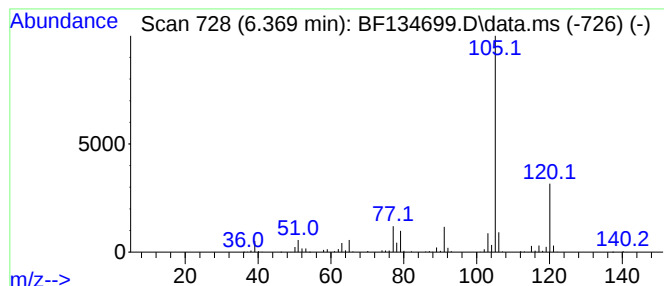
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	29.38 ng	4645600	1,4-Dichlorobenzene-d4	6.810

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	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

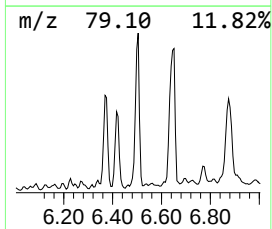
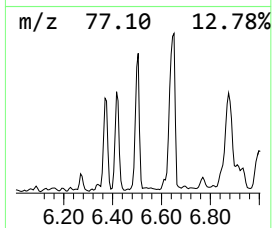
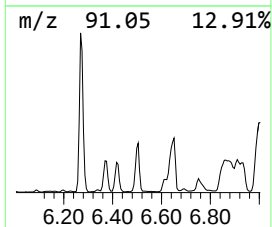
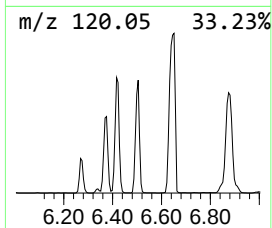
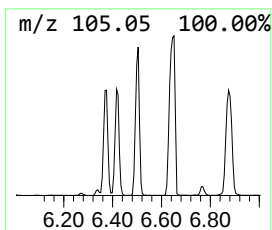
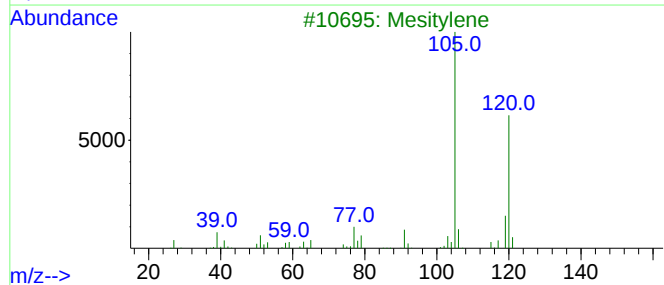
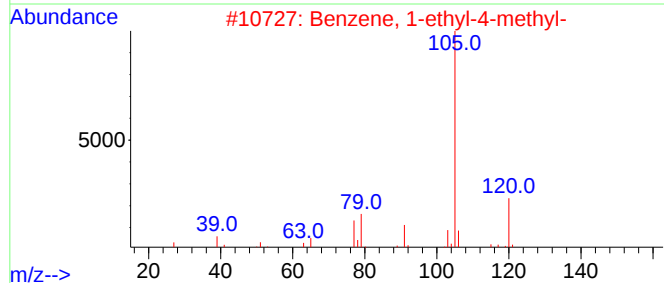
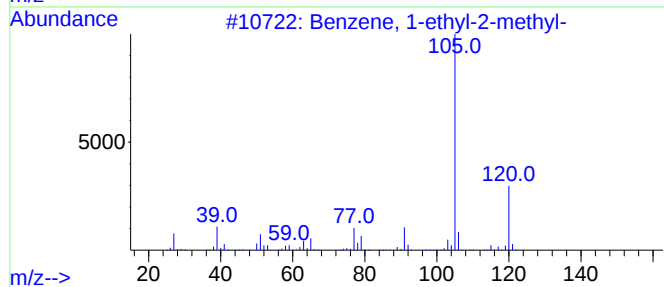
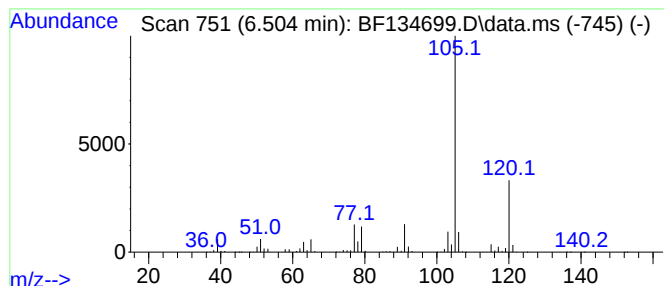
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.504	42.88 ng	6780560	1,4-Dichlorobenzene-d4	6.810

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

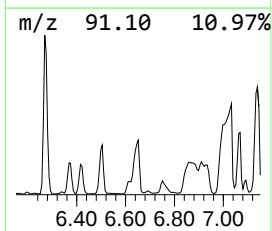
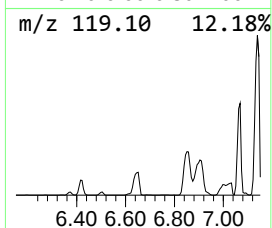
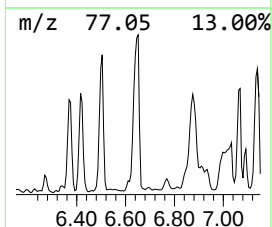
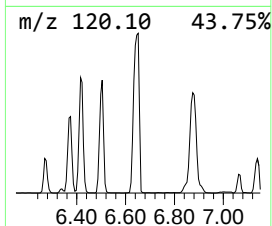
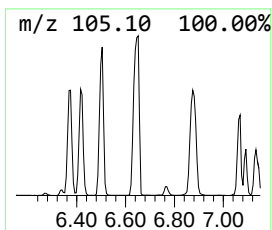
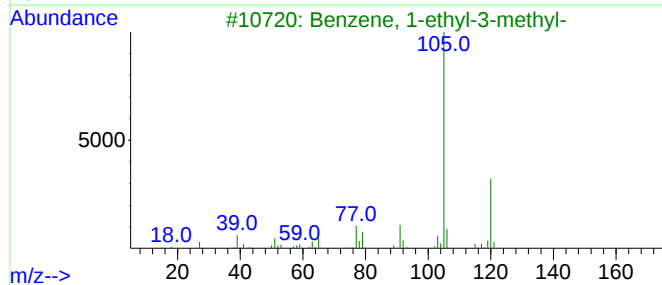
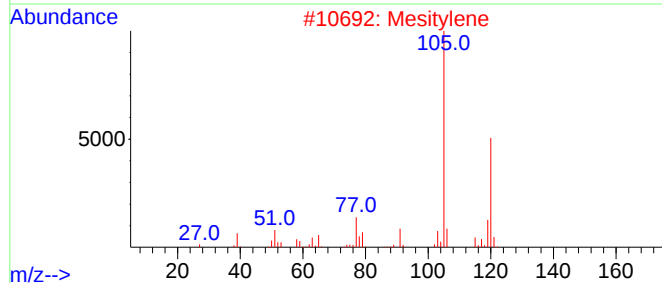
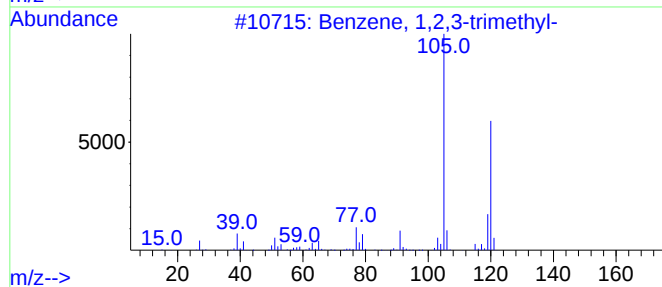
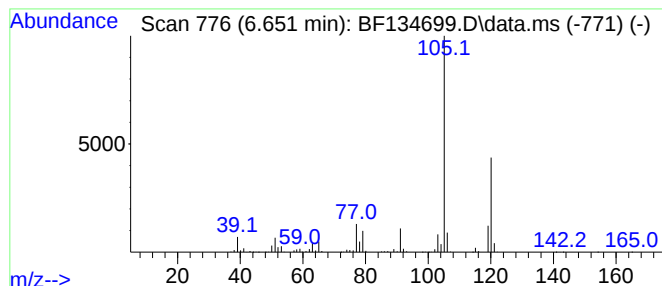
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	62.39 ng	9865240	1,4-Dichlorobenzene-d4	6.810

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

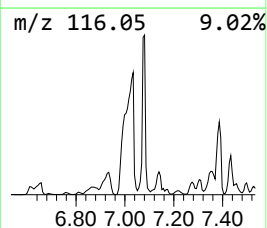
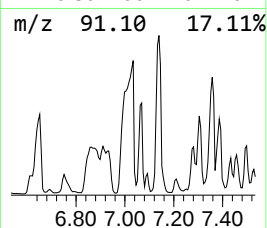
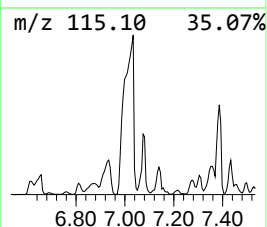
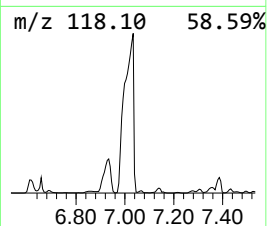
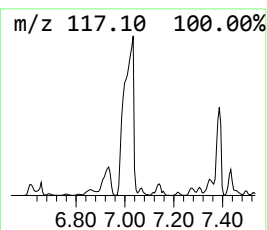
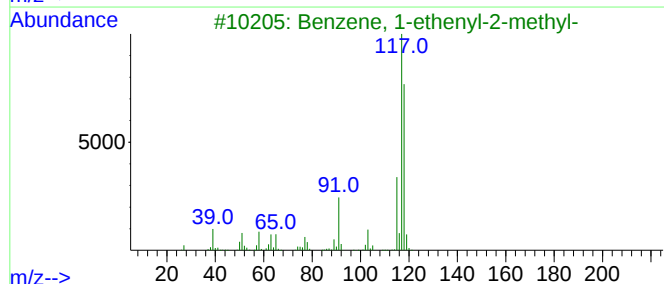
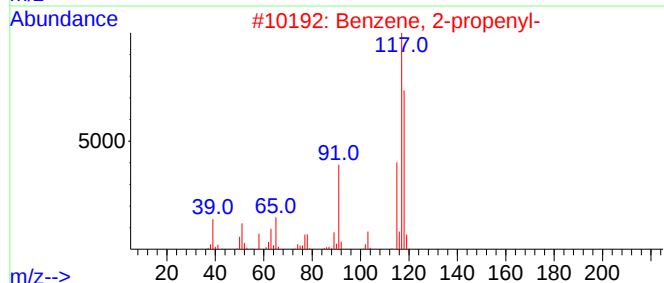
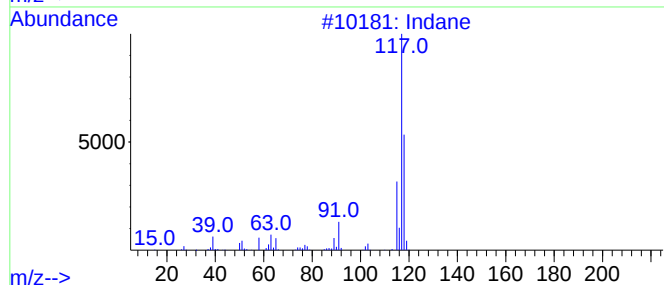
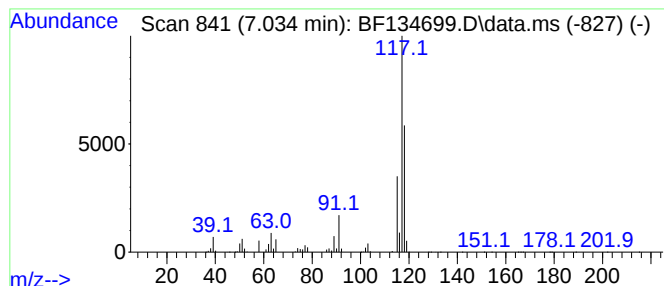
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	170.74 ng	26999800	1,4-Dichlorobenzene-d4	6.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	94
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

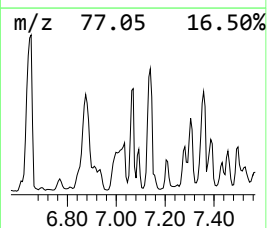
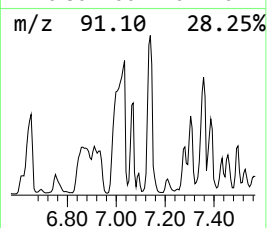
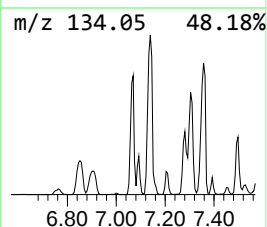
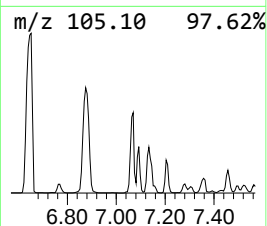
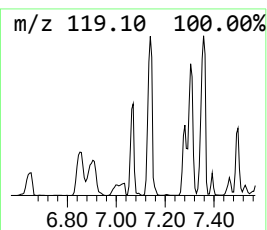
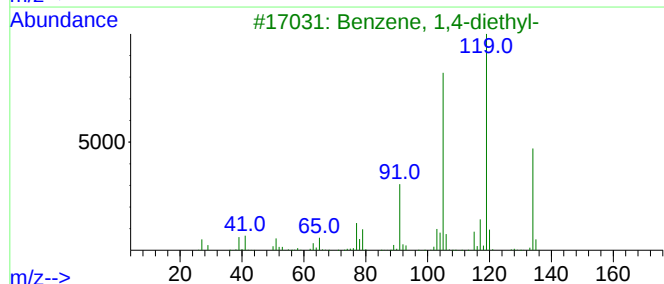
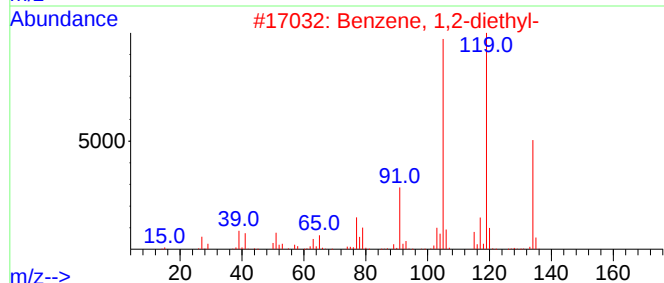
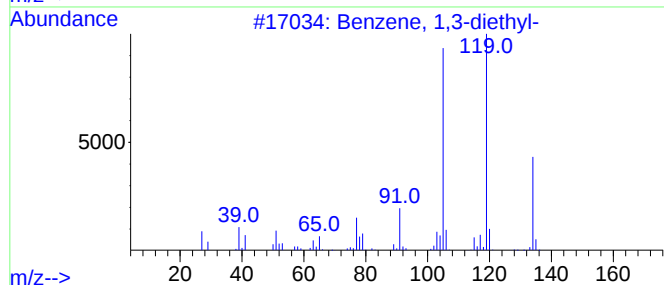
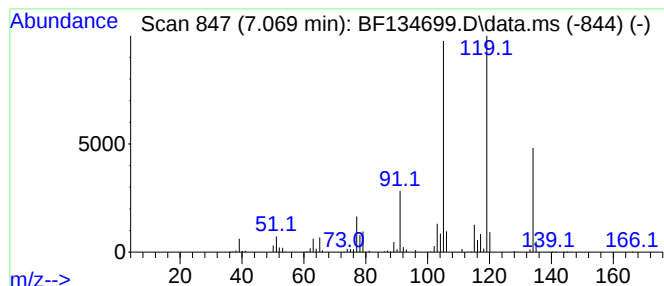
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	37.30 ng	5898480	1,4-Dichlorobenzene-d4	6.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

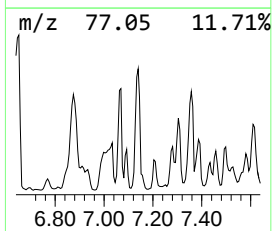
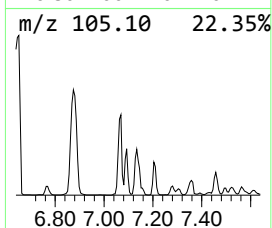
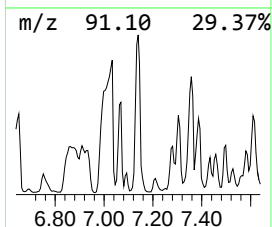
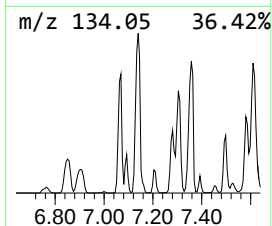
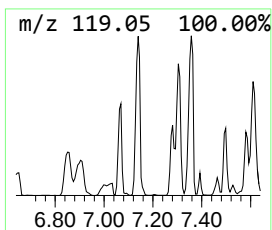
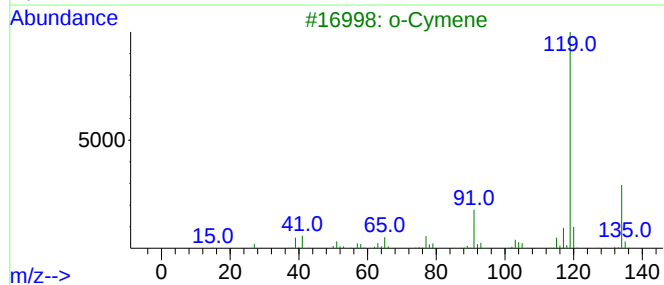
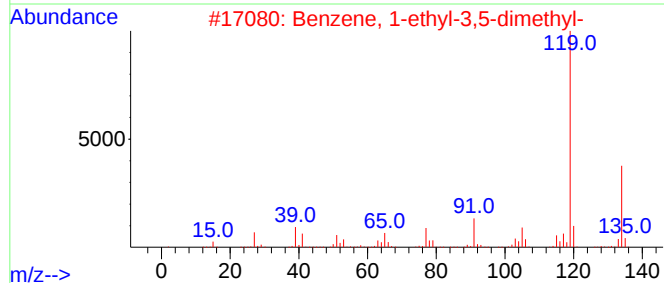
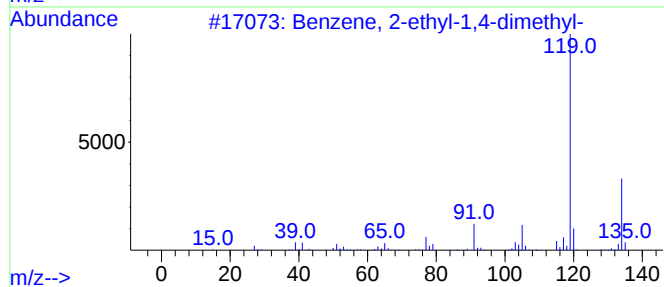
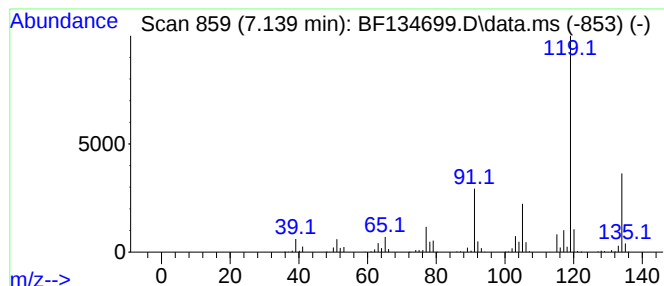
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	77.30 ng	12222800	1,4-Dichlorobenzene-d4	6.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
NEVINS-SB-01-Z20-22

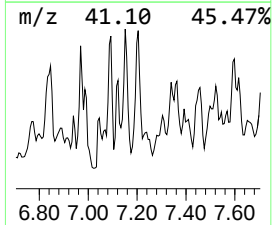
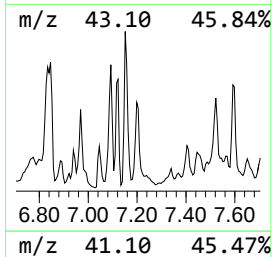
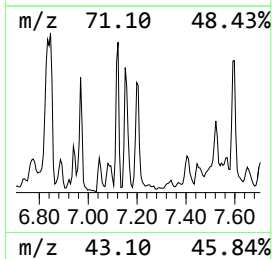
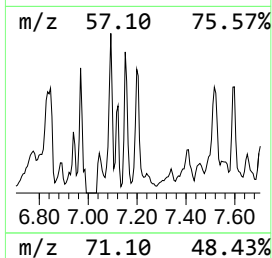
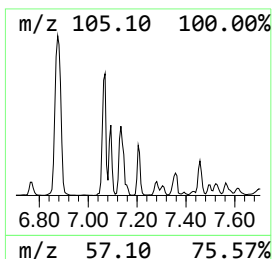
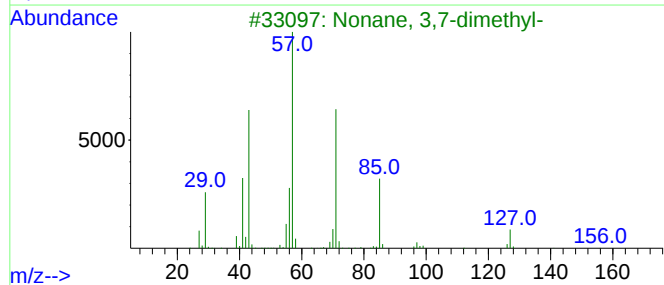
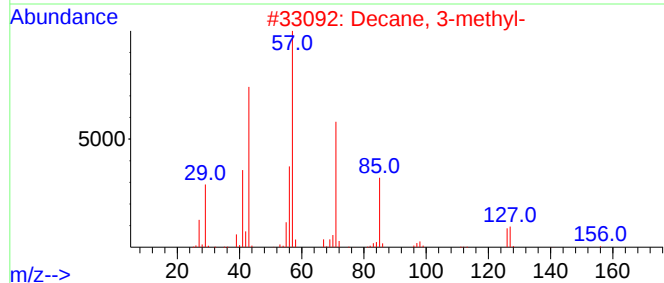
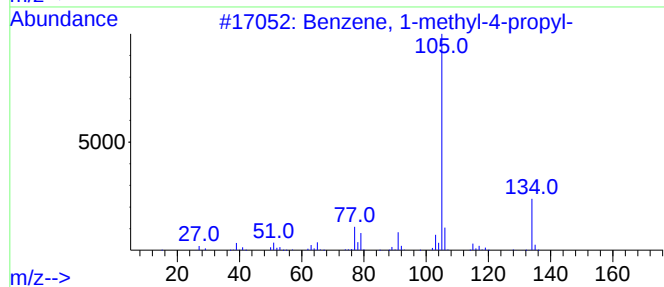
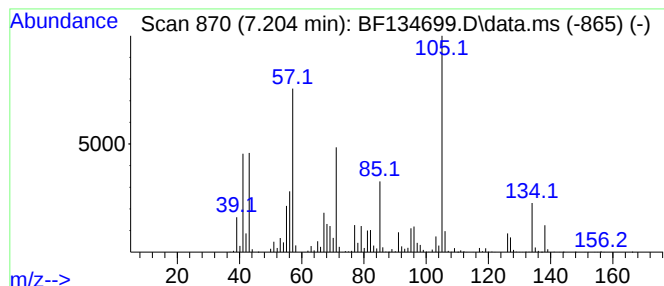
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	28.93 ng	4573940	1,4-Dichlorobenzene-d4	6.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
2			Decane, 3-methyl-	156	C11H24	013151-34-3	55
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	35
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
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NEVINS-SB-01-Z20-22

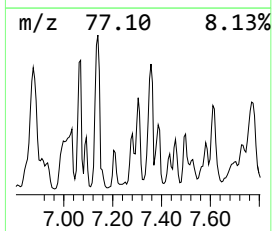
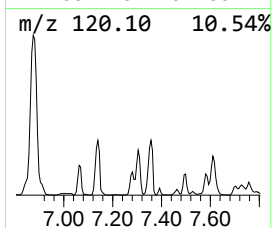
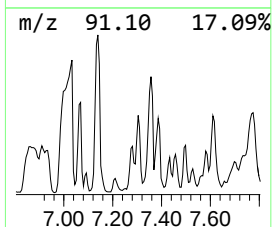
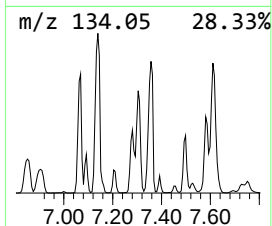
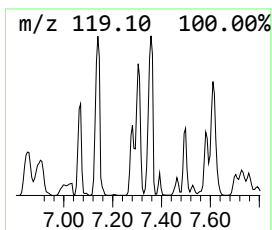
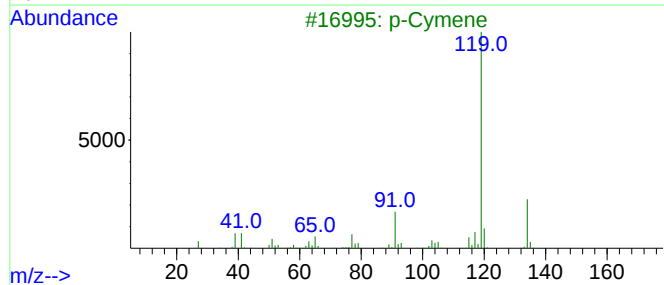
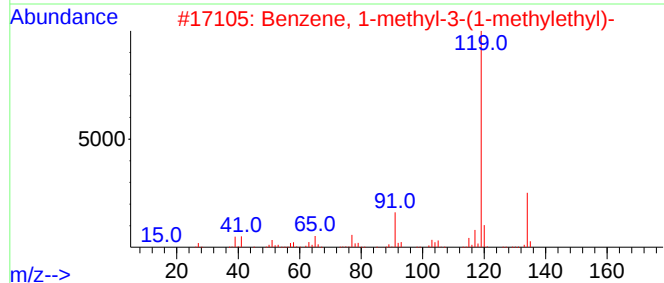
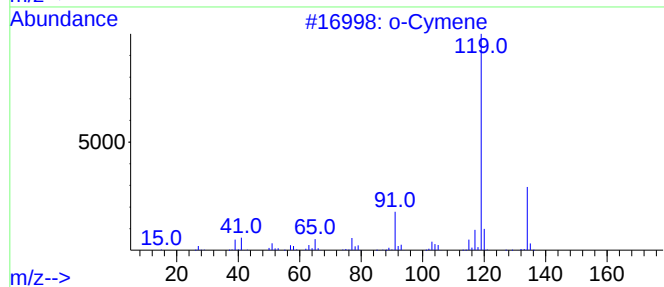
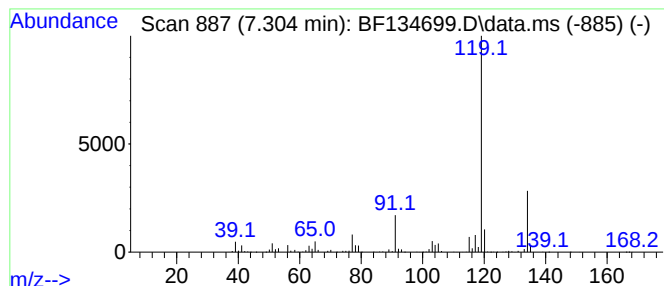
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.304	22.96 ng	3630620	1,4-Dichlorobenzene-d4	6.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

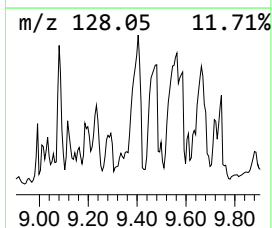
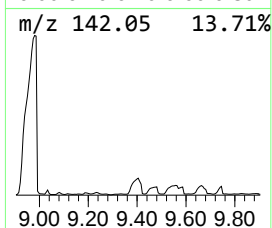
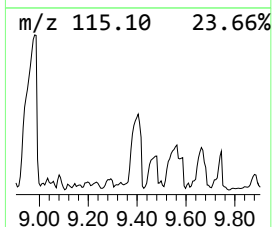
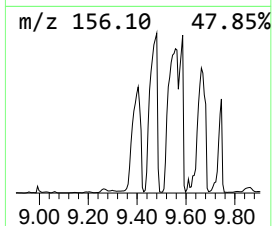
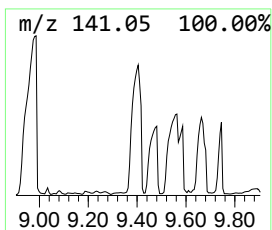
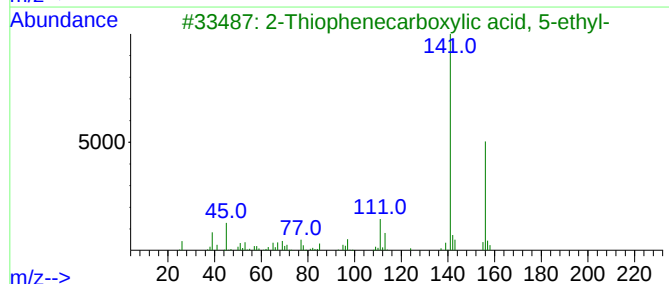
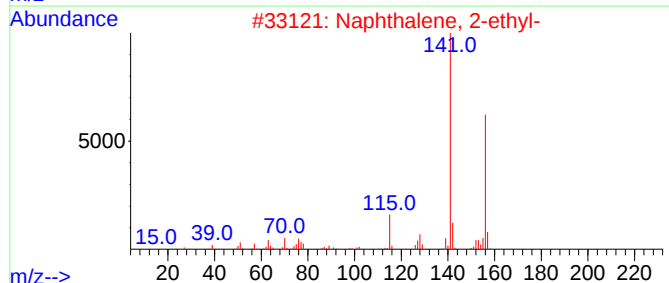
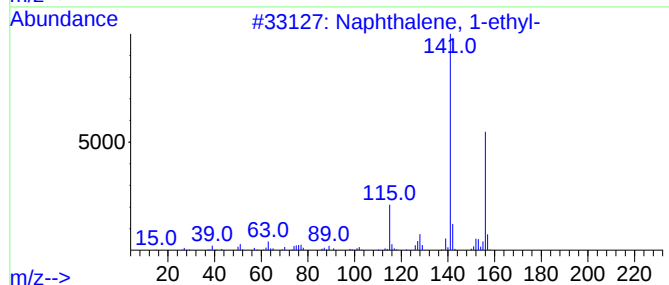
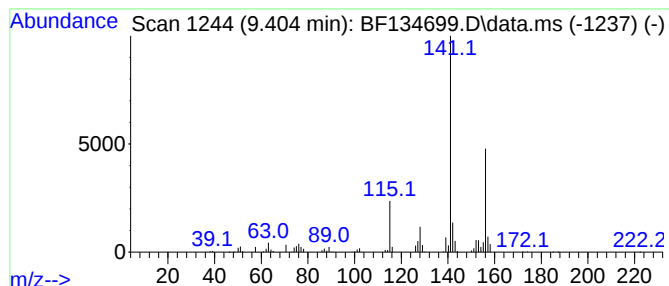
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	37.27 ng	11649900	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4		5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59
5		2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

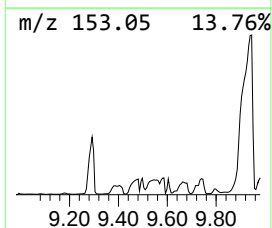
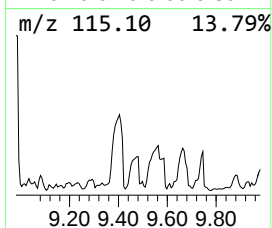
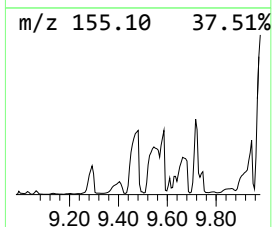
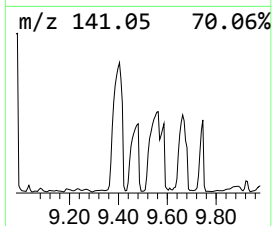
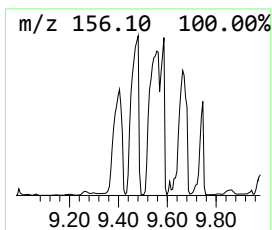
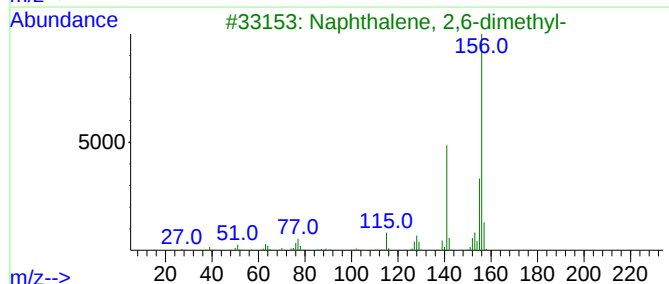
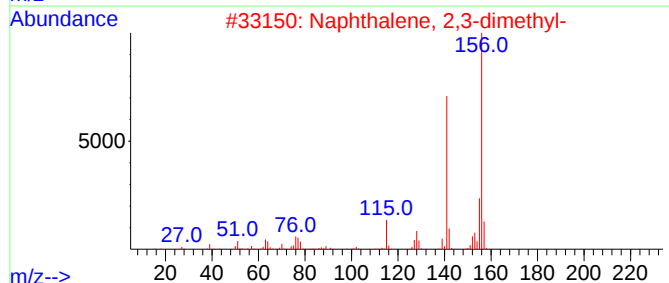
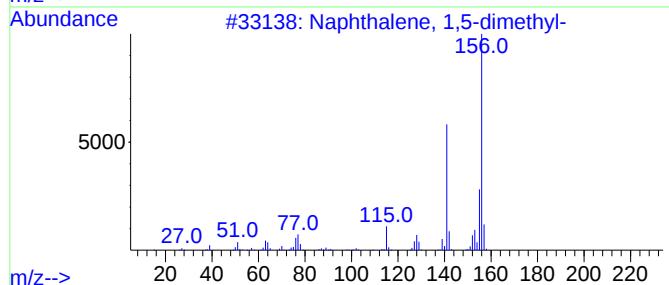
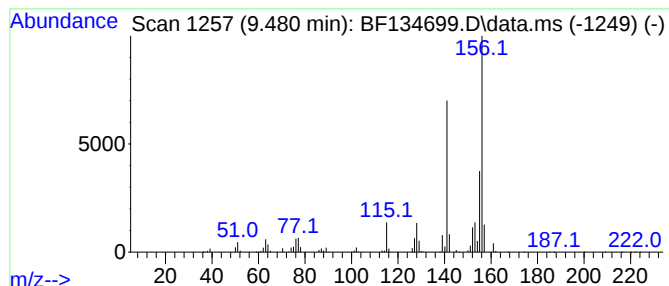
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.480	29.60 ng	9250400	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

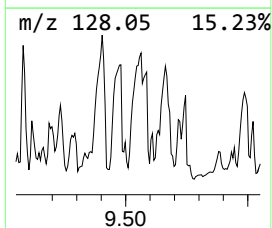
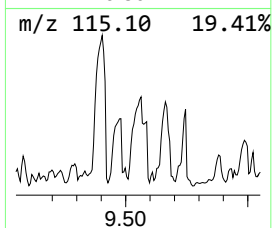
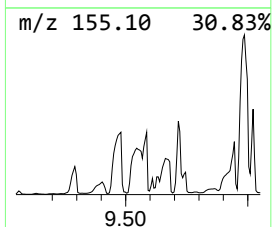
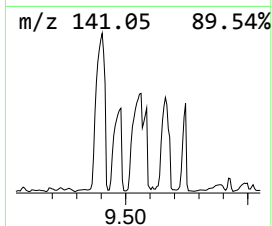
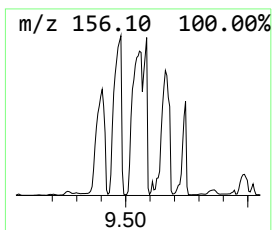
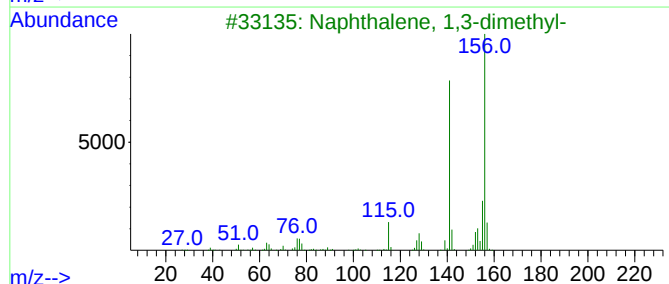
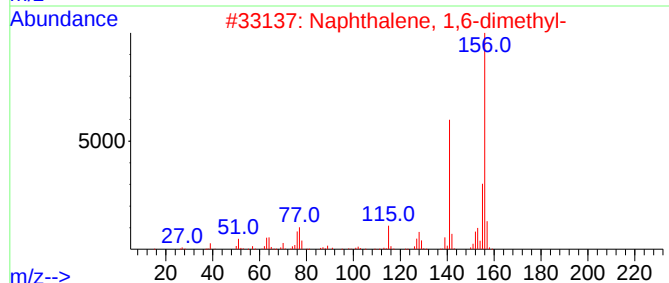
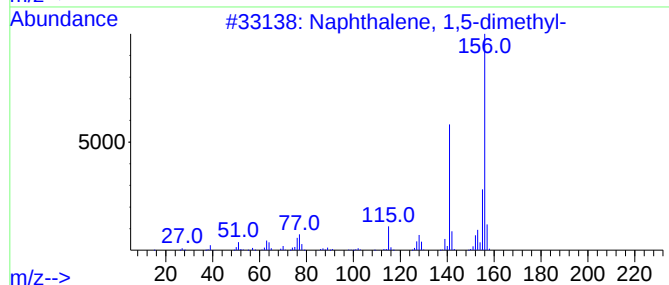
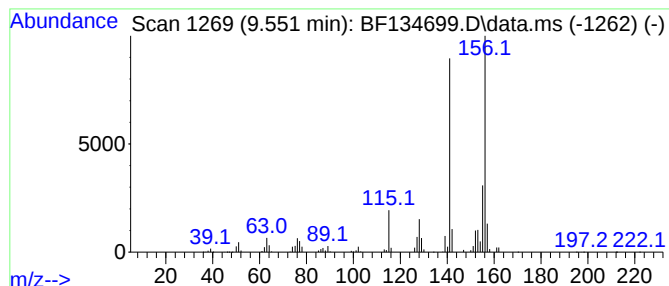
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	31.75 ng	9924870	Acenaphthene-d10	9.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

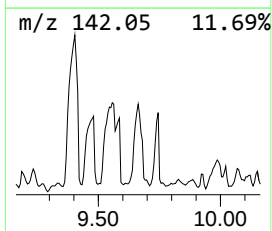
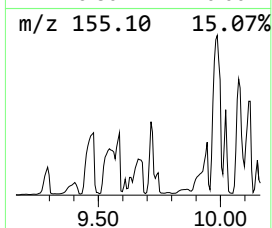
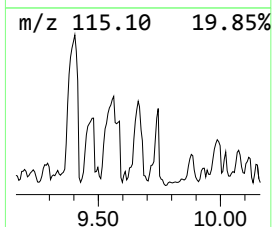
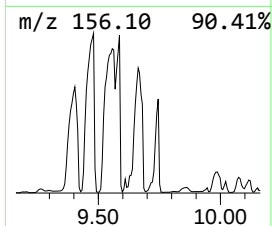
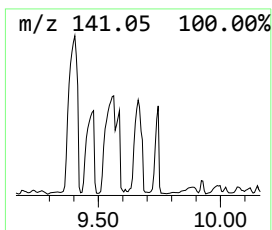
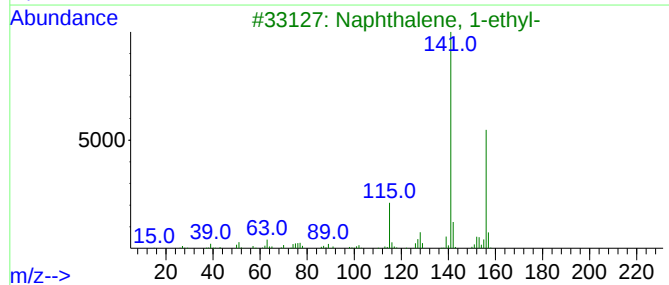
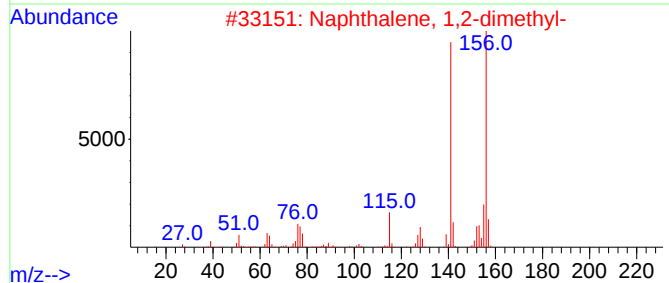
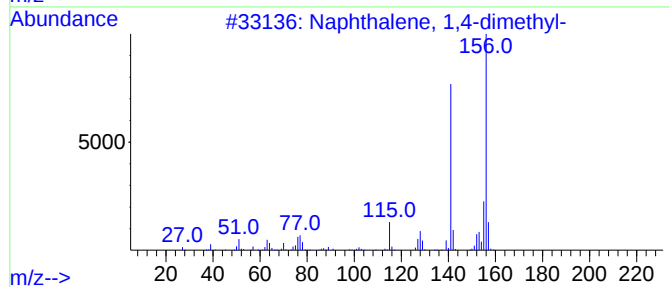
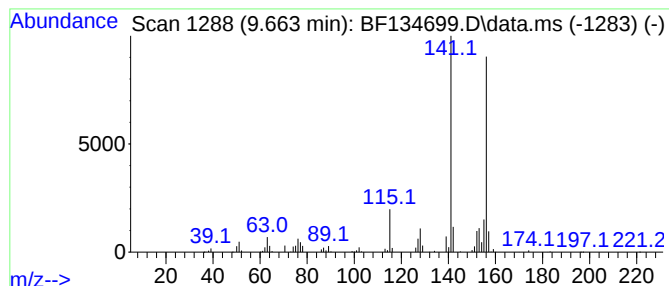
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	21.82 ng	6818780	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

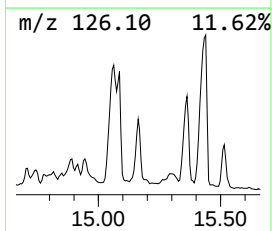
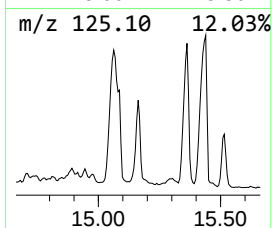
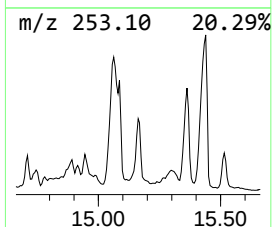
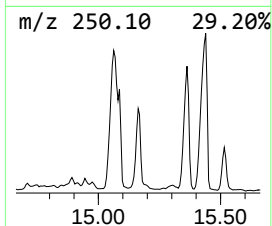
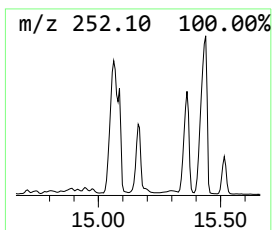
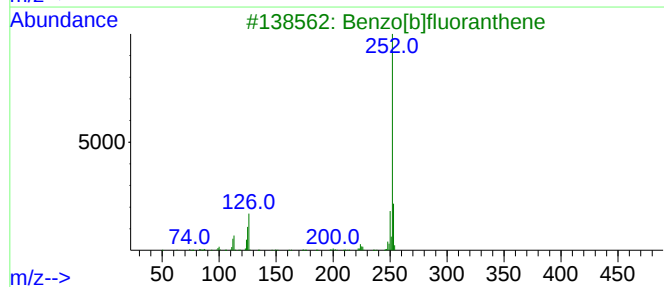
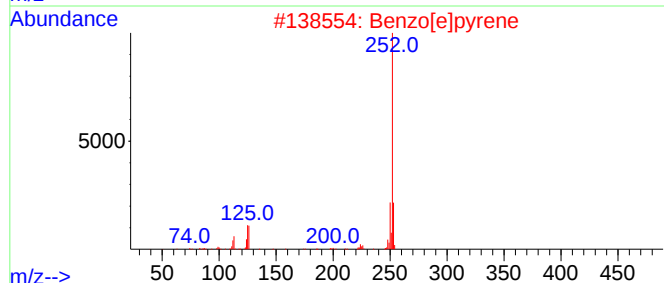
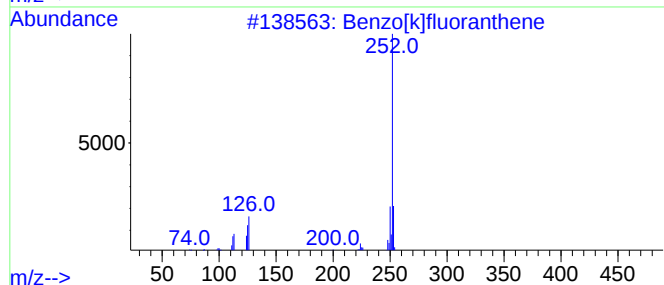
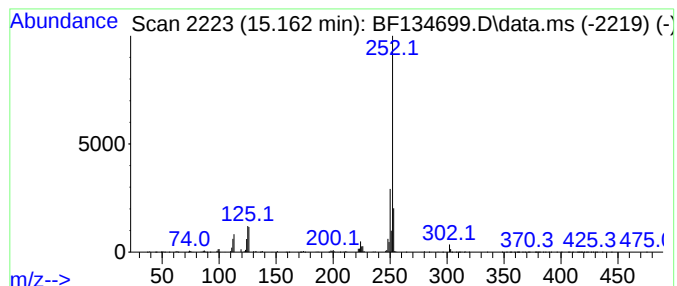
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.163	40.12 ng	3411610	Perylene-d12	15.480	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

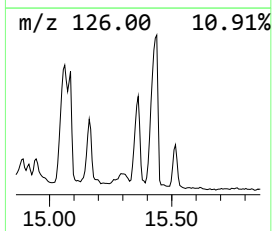
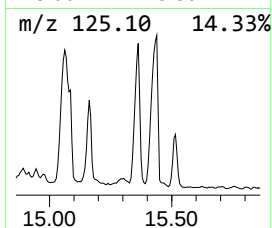
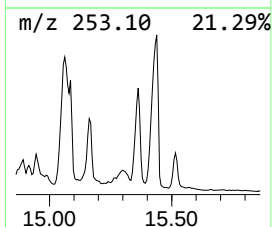
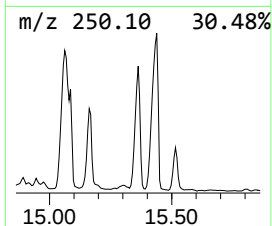
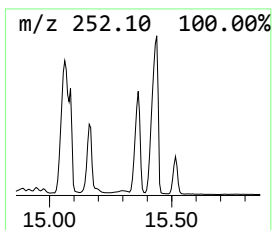
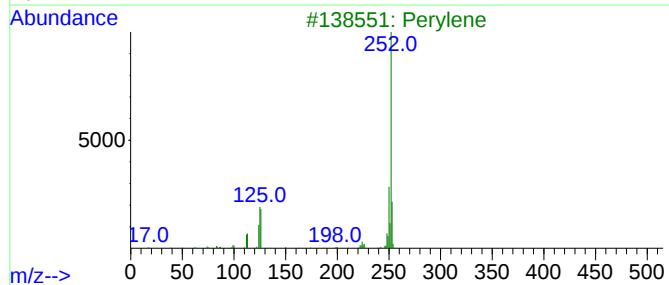
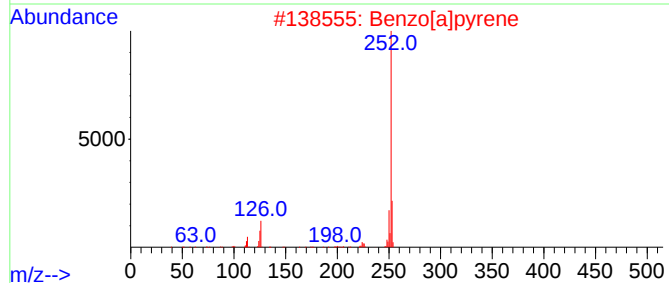
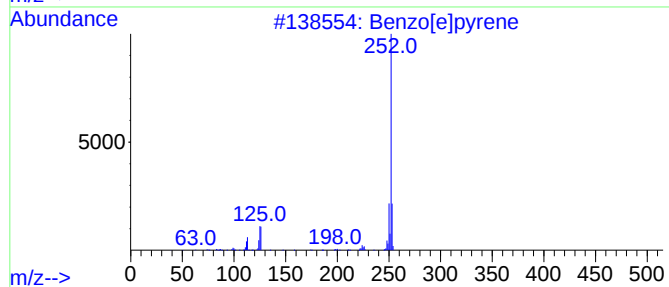
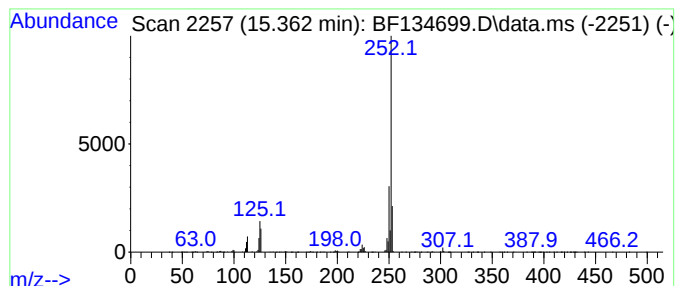
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.362	46.37 ng	3943080	Perylene-d12	15.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

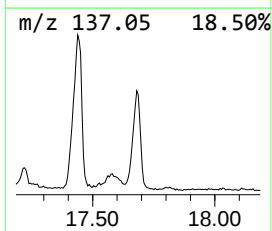
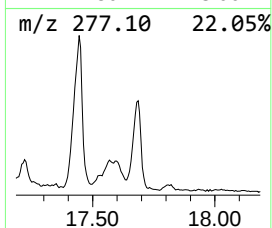
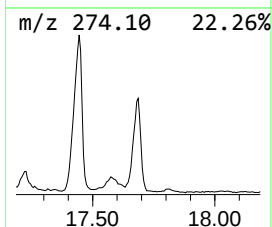
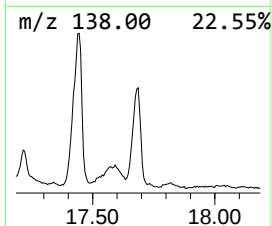
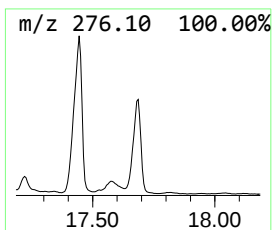
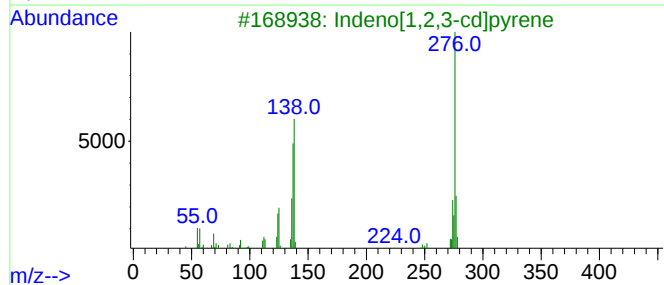
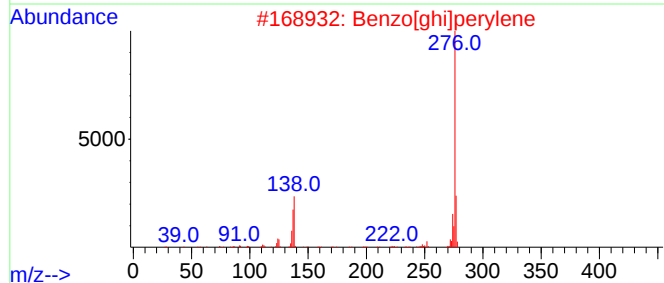
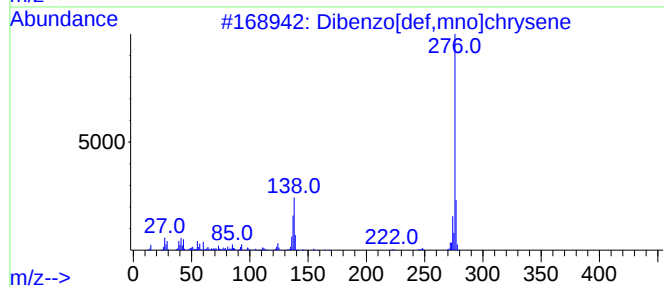
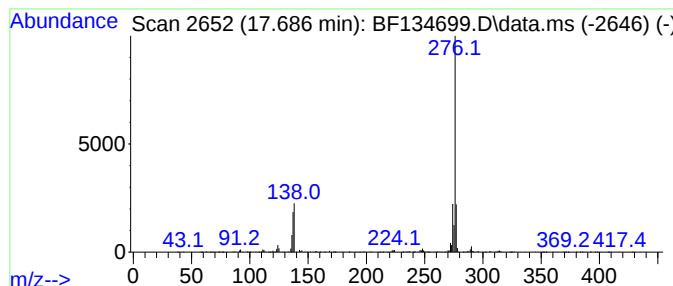
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	21.76 ng	1850590	Perylene-d12	15.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5			Phenol, 2-(4-chlorophenylimino...	276	C13H9ClN2O3	1000262-90-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134699.D
Acq On : 09 Aug 2023 20:08
Operator : CG\JU
Sample : 03932-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-di...	5.663	25.5	ng	4032980	1	6.810	3162600	20.0
Octane, 2,6-dim...	6.063	29.6	ng	4678250	1	6.810	3162600	20.0
Benzene, 1-ethy...	6.369	29.4	ng	4645600	1	6.810	3162600	20.0
Benzene, 1-ethy...	6.504	42.9	ng	6780560	1	6.810	3162600	20.0
Benzene, 1,2,3-...	6.651	62.4	ng	9865240	1	6.810	3162600	20.0
Indane	7.034	170.7	ng	26999800	1	6.810	3162600	20.0
Benzene, 1,3-di...	7.069	37.3	ng	5898480	1	6.810	3162600	20.0
Benzene, 2-ethy...	7.139	77.3	ng	12222800	1	6.810	3162600	20.0
Benzene, 1-meth...	7.204	28.9	ng	4573940	1	6.810	3162600	20.0
o-Cymene	7.304	23.0	ng	3630620	1	6.810	3162600	20.0
Naphthalene, 1-...	9.404	37.3	ng	11649900	3	9.863	6250990	20.0
Naphthalene, 1,...	9.480	29.6	ng	9250400	3	9.863	6250990	20.0
Naphthalene, 1,...	9.551	31.8	ng	9924870	3	9.863	6250990	20.0
Naphthalene, 1,...	9.663	21.8	ng	6818780	3	9.863	6250990	20.0
Benzo[e]pyrene	15.163	40.1	ng	3411610	6	15.480	1700770	20.0
Perylene	15.362	46.4	ng	3943080	6	15.480	1700770	20.0
Dibenzo[def,mno...	17.686	21.8	ng	1850590	6	15.480	1700770	20.0