

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134928.D
 Acq On : 24 Aug 2023 17:17
 Operator : CG\JU
 Sample : 04093-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z83-84

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134928.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	538	544	547	rBV	4972050	5428314	19.18%	1.796%
2	5.392	557	562	563	rBV	2469584	2678203	9.46%	0.886%
3	5.645	601	605	609	rBV	2432607	2220461	7.85%	0.735%
4	5.969	651	660	663	rBV	810993	758163	2.68%	0.251%
5	6.328	717	721	724	rVV	4282565	4418379	15.61%	1.462%
6	6.357	724	726	729	rVV	3008531	2335989	8.25%	0.773%
7	6.398	729	733	736	rVV	1219591	1080630	3.82%	0.358%
8	6.628	768	772	776	rVB2	3588137	4229905	14.95%	1.400%
9	6.857	808	811	813	rVV	1273403	1249830	4.42%	0.414%
10	6.992	827	834	837	rVB	7104647	10598988	37.45%	3.507%
11	7.045	840	843	846	rBV2	1542294	1415289	5.00%	0.468%
12	7.116	850	855	858	rBV	2742176	2366575	8.36%	0.783%
13	7.333	886	892	894	rBV	2183829	2195239	7.76%	0.726%
14	7.392	899	902	904	rVV	944129	798958	2.82%	0.264%
15	7.457	908	913	915	rVB2	544759	749730	2.65%	0.248%
16	7.592	933	936	940	rVB	1463083	1302941	4.60%	0.431%
17	7.751	958	963	968	rVB	2310058	2559682	9.05%	0.847%
18	7.828	968	976	980	rBV3	3380207	5903561	20.86%	1.954%
19	7.869	980	983	988	rVV	3449885	5152579	18.21%	1.705%
20	8.069	1014	1017	1019	rBV	1501305	1451400	5.13%	0.480%
21	8.151	1019	1031	1033	rVV	8395633	28298356	100.00%	9.364%
22	8.175	1033	1035	1037	rVB	2112312	1487272	5.26%	0.492%
23	8.439	1075	1080	1082	rBV	917299	1280534	4.53%	0.424%
24	8.475	1082	1086	1088	rVV2	583508	778918	2.75%	0.258%
25	8.522	1092	1094	1095	rVV	908553	731494	2.58%	0.242%
26	8.545	1095	1098	1100	rVV	1070866	1186417	4.19%	0.393%
27	8.586	1103	1105	1109	rVV	1128158	994264	3.51%	0.329%
28	8.680	1117	1121	1125	rBV3	1485367	1475069	5.21%	0.488%
29	8.745	1125	1132	1135	rVV4	834744	1496124	5.29%	0.495%
30	8.822	1135	1145	1148	rVB	7230703	15929666	56.29%	5.271%
31	8.916	1153	1161	1164	rVB	6822256	12353744	43.66%	4.088%
32	9.263	1212	1220	1222	rBV2	3237710	4106629	14.51%	1.359%
33	9.363	1232	1237	1241	rVB	5089103	6149278	21.73%	2.035%
34	9.433	1241	1249	1252	rBV	4010599	6333743	22.38%	2.096%
35	9.510	1256	1262	1264	rBV	4738259	6986269	24.69%	2.312%
36	9.533	1264	1266	1269	rVV	4333670	3354558	11.85%	1.110%

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Integrator: RTE

Smoothing : ON

Filtering: 5

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.622	1277	1281	1288	rVB	3013550	3943357	13.93%	1.305%
38	9.698	1292	1294	1299	rVB	3237537	2987635	10.56%	0.989%
39	9.833	1311	1317	1320	rBV2	2067887	2470892	8.73%	0.818%
40	9.886	1320	1326	1329	rVV	6162526	9208292	32.54%	3.047%
41	9.945	1332	1336	1340	rVB2	1011697	1251645	4.42%	0.414%
42	10.039	1349	1352	1356	rVV	1907145	2162400	7.64%	0.716%
43	10.080	1356	1359	1363	rVV	1458897	1459520	5.16%	0.483%
44	10.151	1367	1371	1374	rBV2	1969466	2561921	9.05%	0.848%
45	10.186	1374	1377	1379	rVV2	1218630	1153634	4.08%	0.382%
46	10.251	1383	1388	1390	rBV3	1091027	1742277	6.16%	0.577%
47	10.298	1393	1396	1398	rVB	2100752	1666376	5.89%	0.551%
48	10.345	1398	1404	1405	rBV4	677153	1084488	3.83%	0.359%
49	10.363	1405	1407	1409	rVV	1454146	1133546	4.01%	0.375%
50	10.398	1409	1413	1418	rVB	4451676	5751105	20.32%	1.903%
51	10.457	1418	1423	1424	rBV2	845111	1090042	3.85%	0.361%
52	10.498	1428	1430	1435	rVV3	1739801	1795510	6.34%	0.594%
53	10.545	1435	1438	1441	rVV3	795604	1003374	3.55%	0.332%
54	10.574	1441	1443	1446	rVB	1224181	986797	3.49%	0.327%
55	10.616	1446	1450	1456	rVB2	2570764	2884737	10.19%	0.955%
56	10.757	1471	1474	1481	rVB2	967381	1072024	3.79%	0.355%
57	10.939	1501	1505	1508	rVV2	1619610	2181329	7.71%	0.722%
58	10.968	1508	1510	1513	rVB	1232979	1022349	3.61%	0.338%
59	11.021	1516	1519	1522	rBV	1053861	1011304	3.57%	0.335%
60	11.139	1537	1539	1544	rVB	929267	818294	2.89%	0.271%
61	11.227	1550	1554	1561	rVB2	2448421	2764482	9.77%	0.915%
62	11.380	1569	1580	1582	rBV	6818417	12848151	45.40%	4.252%
63	11.421	1582	1587	1589	rVV	4497925	4390154	15.51%	1.453%
64	11.668	1625	1629	1634	rVB2	1050062	1164074	4.11%	0.385%
65	11.751	1640	1643	1646	rVB	850745	946179	3.34%	0.313%
66	11.845	1655	1659	1661	rVV	3314613	3500047	12.37%	1.158%
67	11.874	1661	1664	1667	rVV	3853991	3516693	12.43%	1.164%
68	11.921	1668	1672	1675	rBV	1911826	1915315	6.77%	0.634%
69	11.957	1675	1678	1681	rVV	4159569	5316340	18.79%	1.759%
70	11.980	1681	1682	1685	rVB	2821215	1720041	6.08%	0.569%
71	12.139	1705	1709	1711	rBV	1565902	1444511	5.10%	0.478%
72	12.315	1737	1739	1741	rVV	841340	743309	2.63%	0.246%
73	12.392	1746	1752	1755	rBV	2237613	2817522	9.96%	0.932%
74	12.433	1755	1759	1761	rVV2	1493023	2079686	7.35%	0.688%
75	12.451	1761	1762	1764	rVV	1264945	749420	2.65%	0.248%
76	12.492	1764	1769	1772	rVV2	711206	1234025	4.36%	0.408%

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77	12.563	1776	1781	1785	rBV	4689099	5663826	20.01%	1.874%
78	12.657	1793	1797	1800	rVB	2403736	2272355	8.03%	0.752%
79	12.727	1807	1809	1815	rVB2	670717	812346	2.87%	0.269%
80	12.804	1815	1822	1825	rBV	5646761	8289870	29.29%	2.743%
81	13.004	1852	1856	1863	rVB2	1061659	1536699	5.43%	0.509%
82	13.092	1867	1871	1873	rVV2	949394	1319422	4.66%	0.437%
83	13.121	1873	1876	1878	rVB	2062560	2085388	7.37%	0.690%
84	13.186	1884	1887	1890	rVB	1815146	1567806	5.54%	0.519%
85	13.221	1890	1893	1896	rBV	1410069	1229022	4.34%	0.407%
86	13.286	1901	1904	1907	rVV	1424355	1707695	6.03%	0.565%
87	13.315	1907	1909	1912	rVV	1404866	1461954	5.17%	0.484%
88	13.345	1912	1914	1923	rVB	1620077	1942562	6.86%	0.643%
89	13.598	1953	1957	1963	rBV2	438084	998682	3.53%	0.330%
90	13.768	1983	1986	1988	rVV	946799	862652	3.05%	0.285%
91	13.986	2018	2023	2026	rBV2	3666126	5049534	17.84%	1.671%
92	14.027	2026	2030	2034	rVV	3046453	3367995	11.90%	1.115%
93	14.380	2086	2090	2093	rVV	1346415	1574083	5.56%	0.521%
94	14.474	2099	2106	2109	rVV3	692104	1155684	4.08%	0.382%
95	14.527	2113	2115	2120	rVV	890998	928848	3.28%	0.307%
96	15.039	2197	2202	2205	rBV	1118495	1942532	6.86%	0.643%
97	15.145	2216	2220	2231	rVB	568014	771948	2.73%	0.255%
98	15.345	2249	2254	2260	rBV	922550	1171560	4.14%	0.388%
99	15.409	2260	2265	2270	rVV	1633912	2204412	7.79%	0.729%
100	16.962	2523	2529	2539	rVB2	400840	848947	3.00%	0.281%

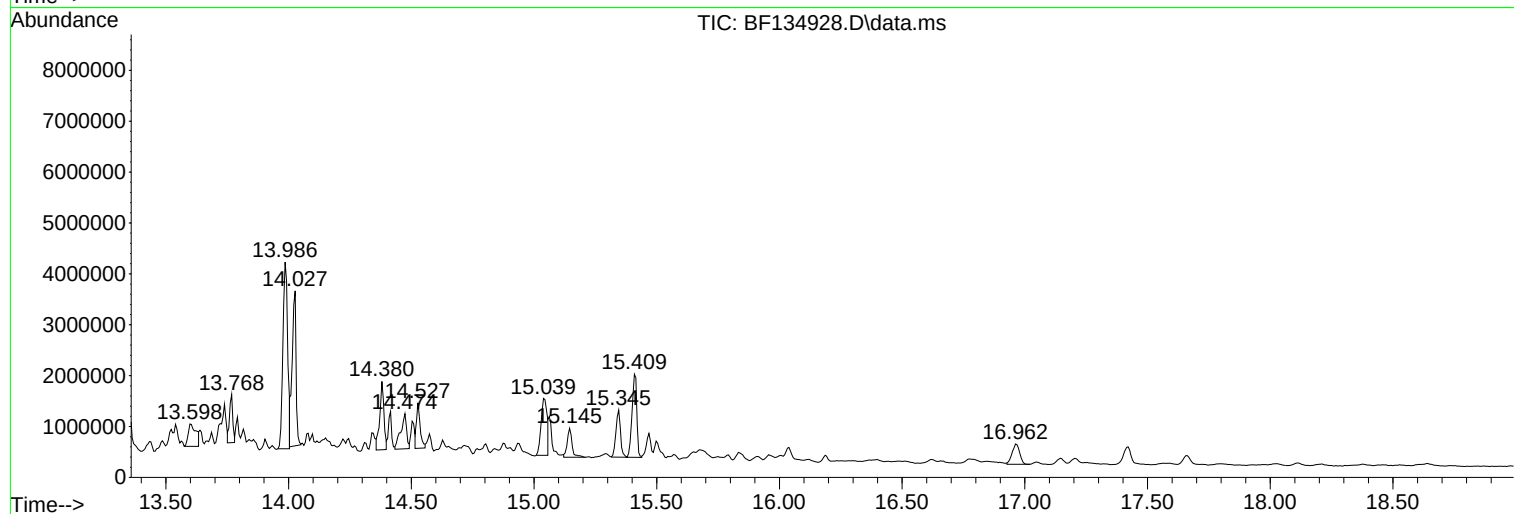
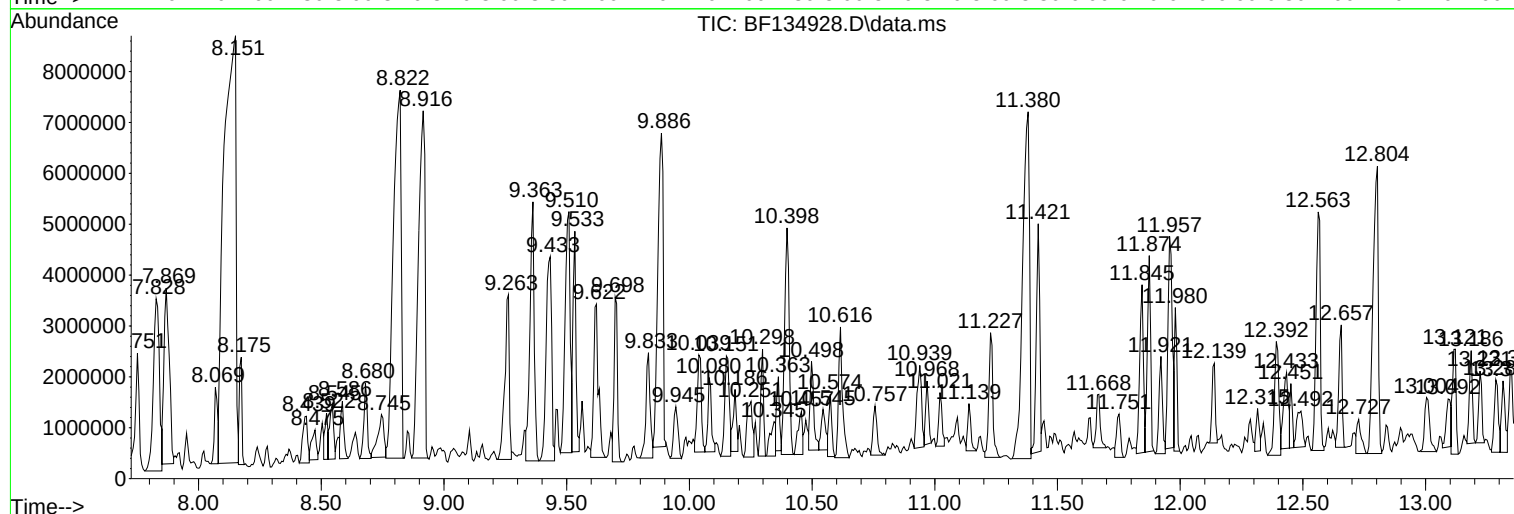
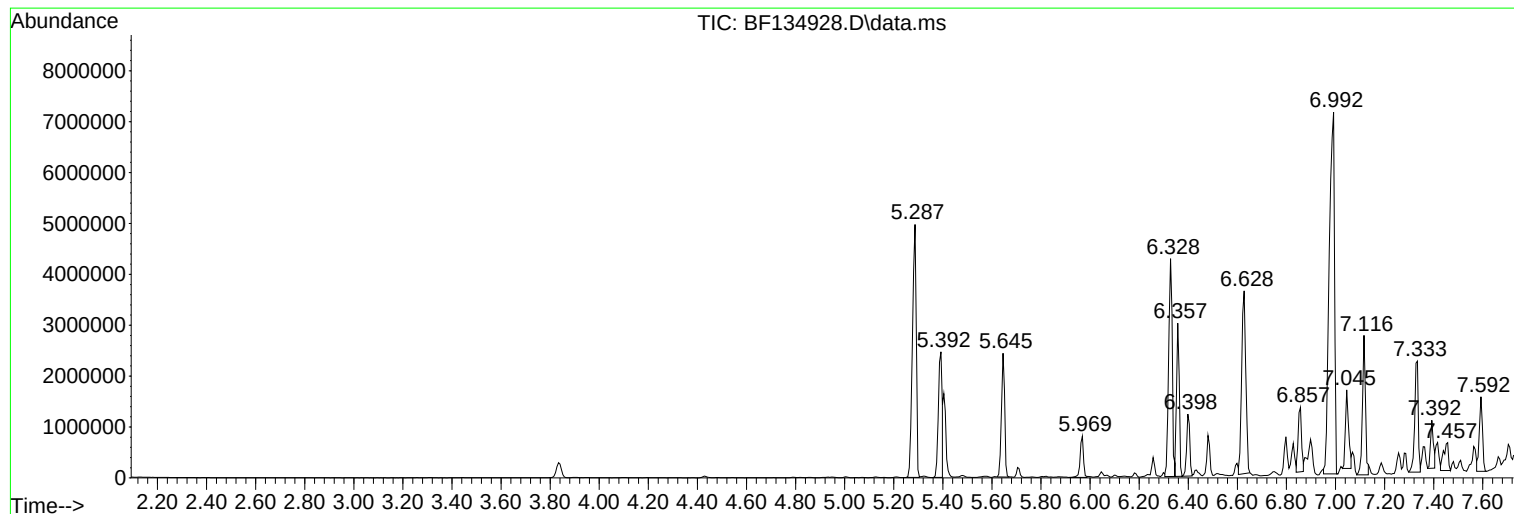
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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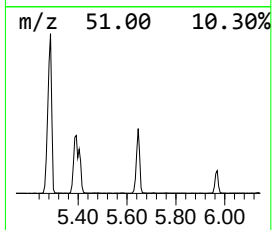
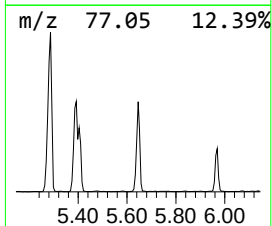
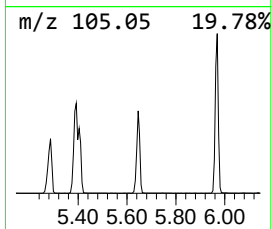
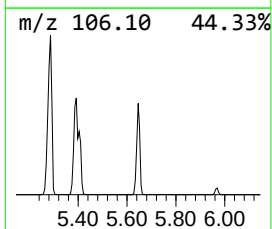
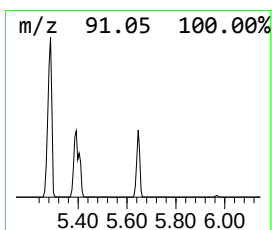
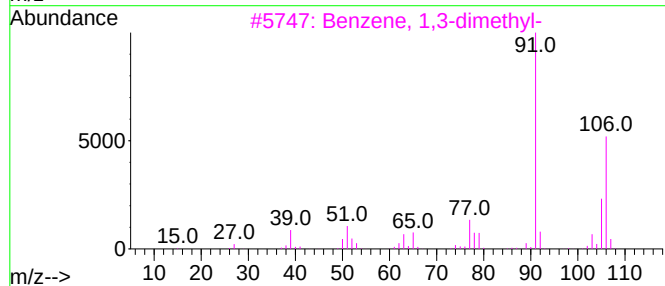
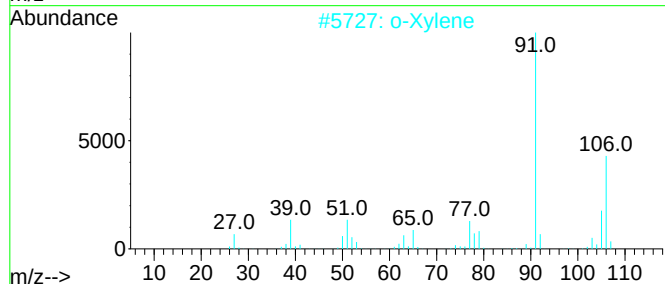
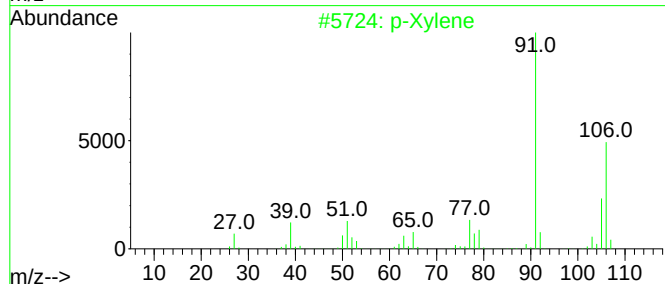
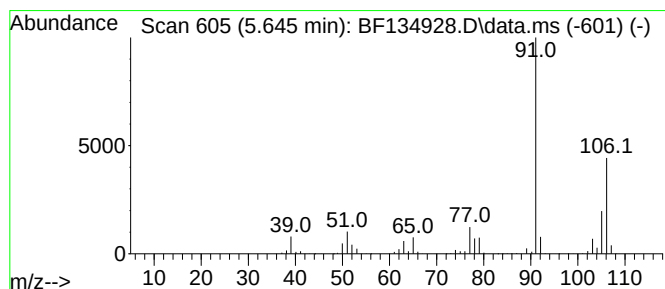
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 p-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.645	35.53 ng	2220460	1,4-Dichlorobenzene-d4	6.798

Hit#	of	4	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene			106	C8H10	000106-42-3	97
2	o-Xylene			106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-			106	C8H10	000108-38-3	97
4	Ethylbenzene			106	C8H10	000100-41-4	87



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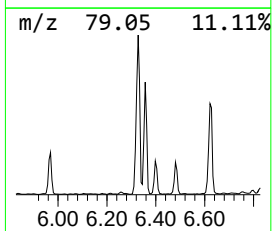
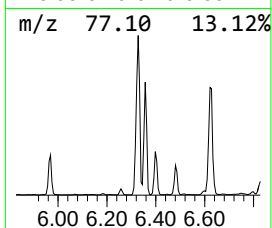
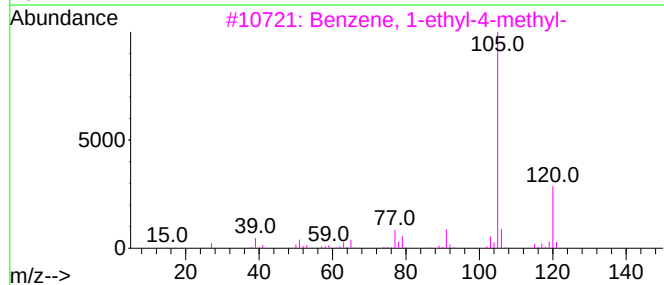
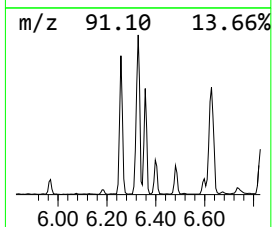
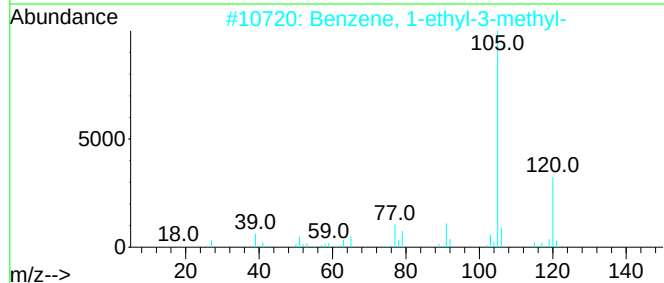
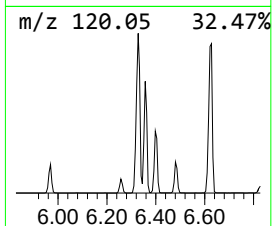
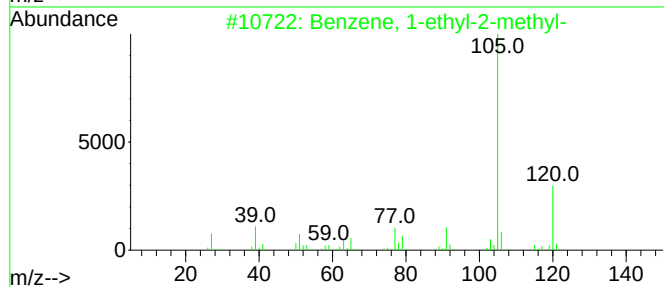
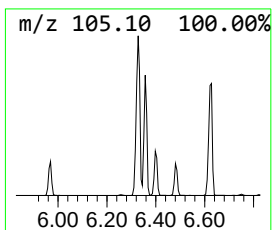
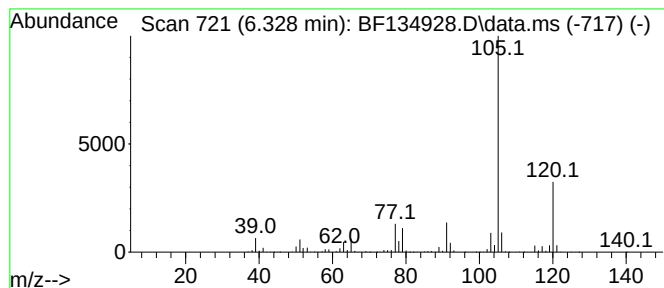
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.328	70.70 ng	4418380	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



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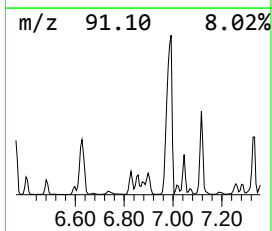
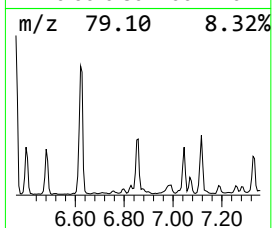
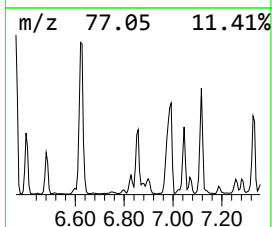
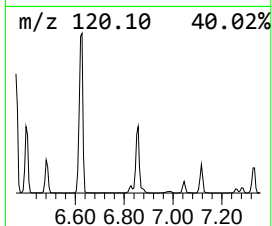
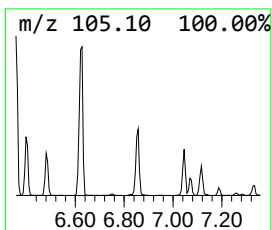
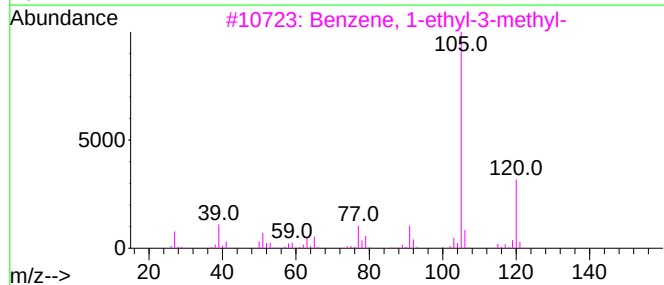
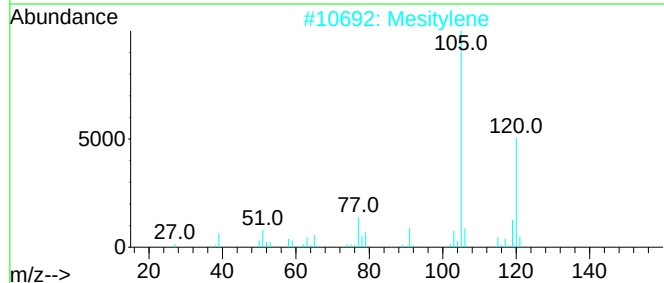
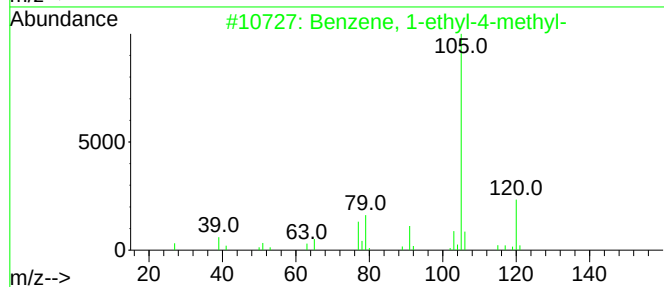
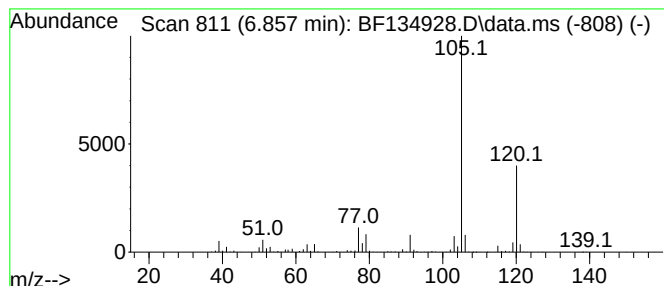
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.857	20.00 ng	1249830	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

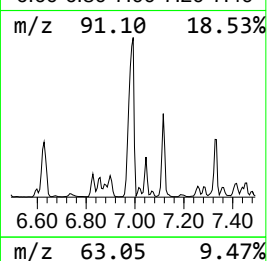
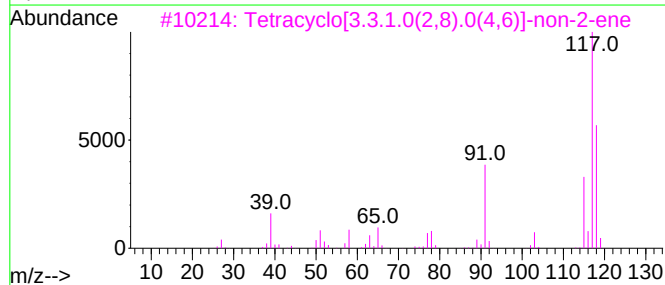
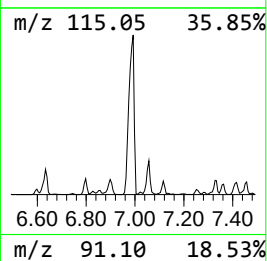
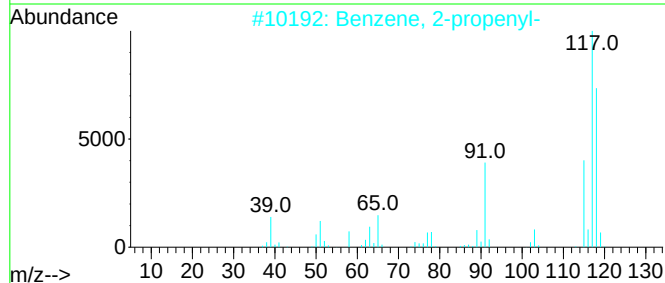
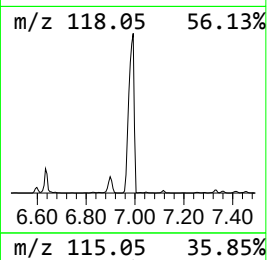
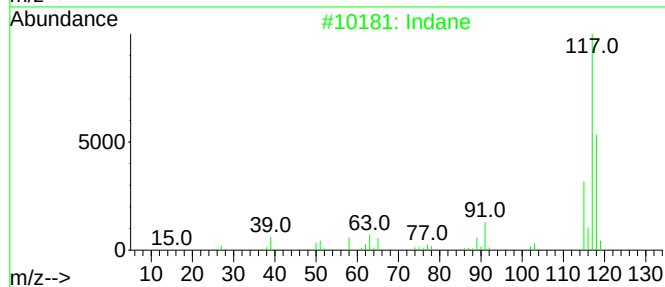
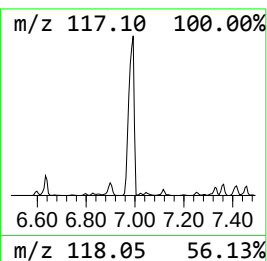
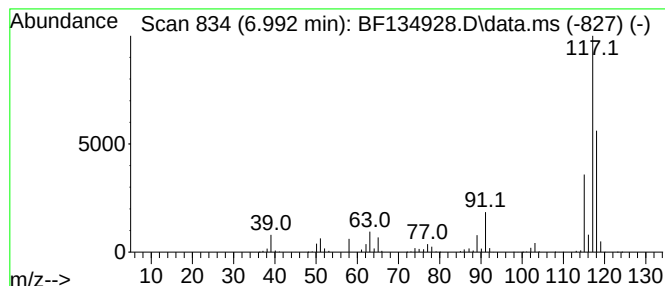
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.992	169.61 ng	10599000	1,4-Dichlorobenzene-d4	6.798

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	81
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
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ClientSampleId :
NEVINS-SB04-Z83-84

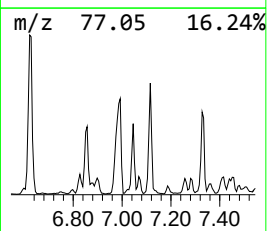
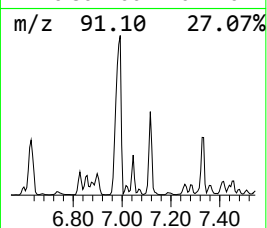
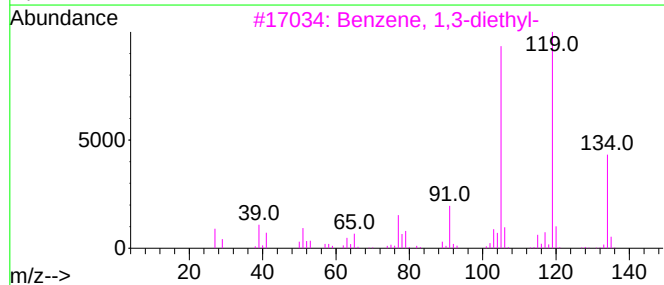
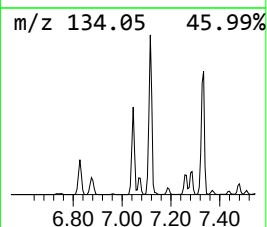
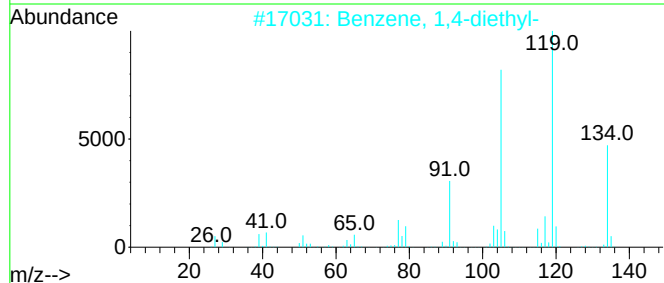
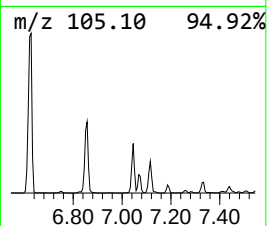
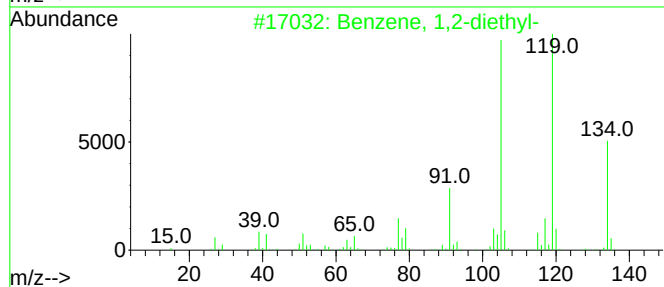
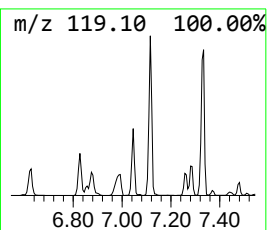
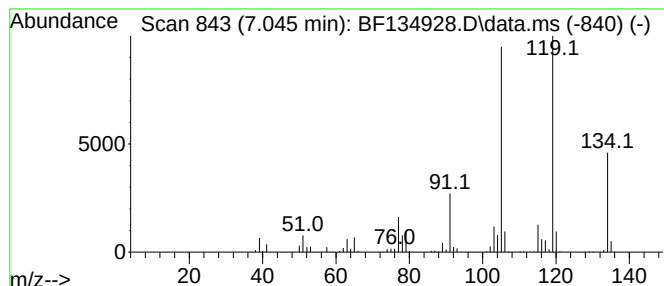
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	22.65 ng	1415290	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
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ALS Vial : 15 Sample Multiplier: 1

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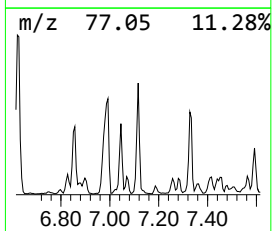
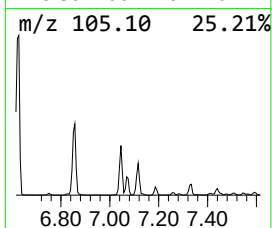
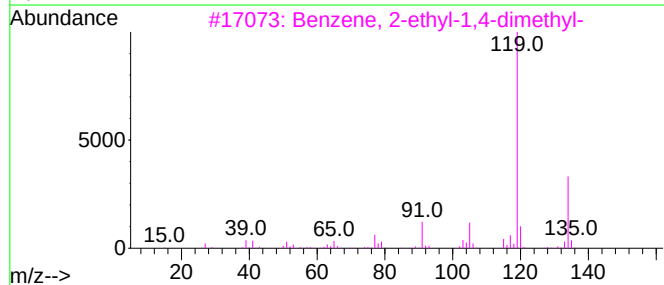
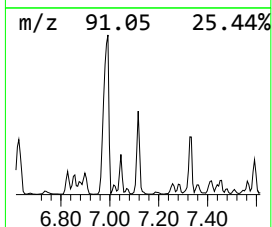
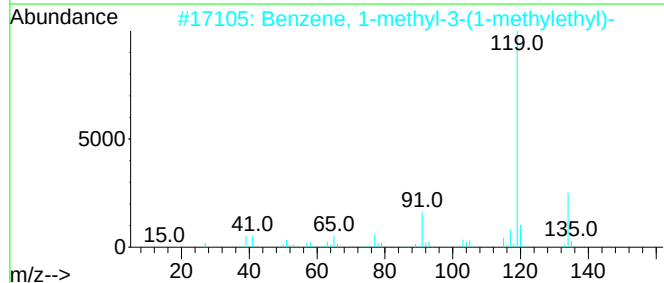
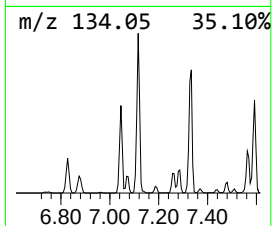
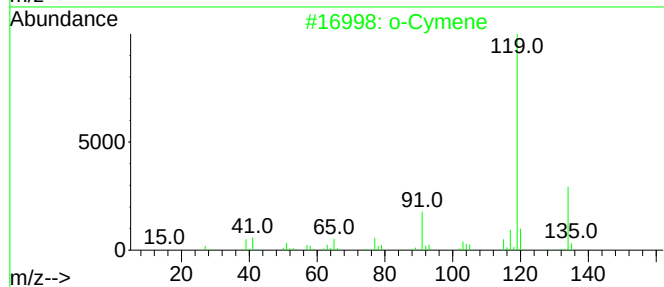
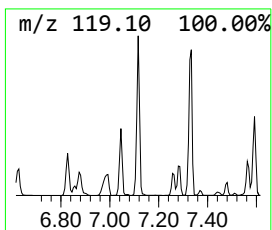
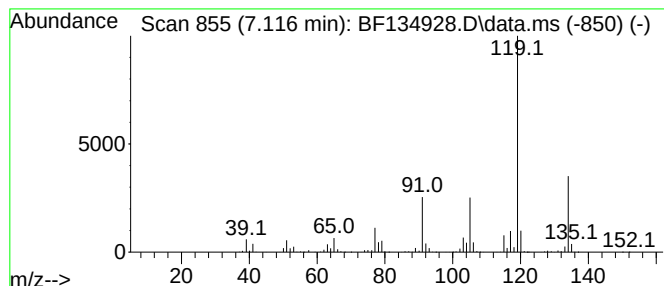
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	37.87 ng	2366580	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
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ALS Vial : 15 Sample Multiplier: 1

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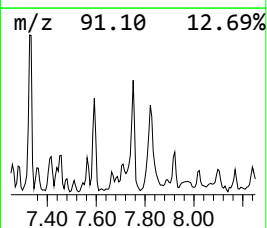
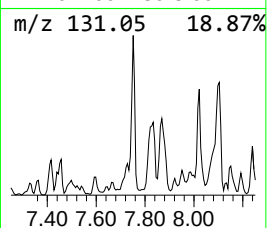
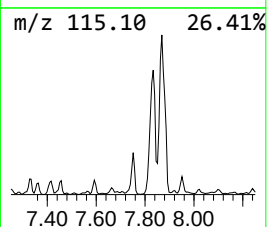
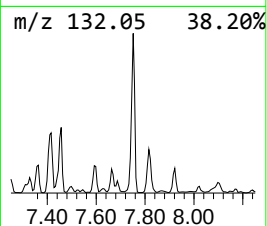
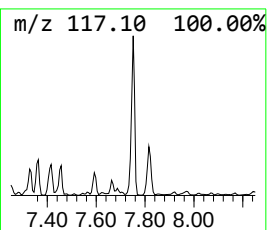
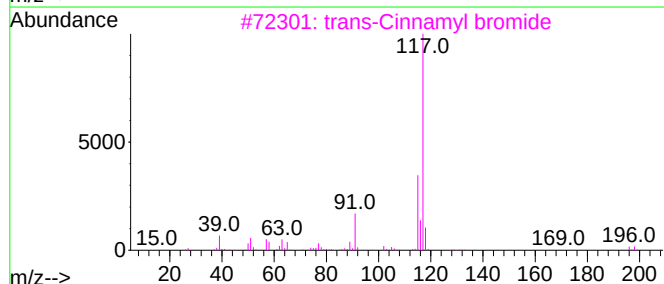
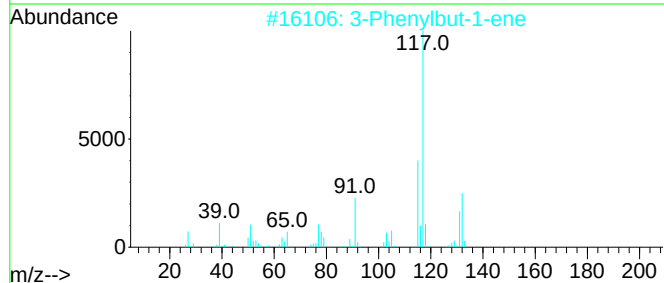
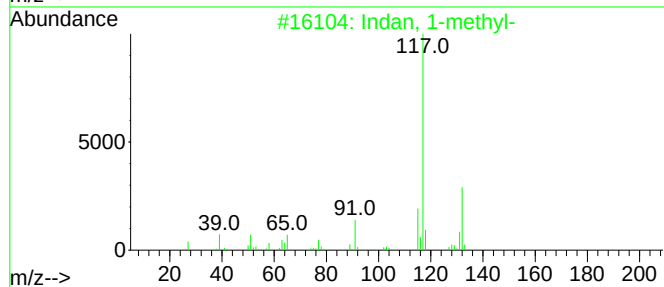
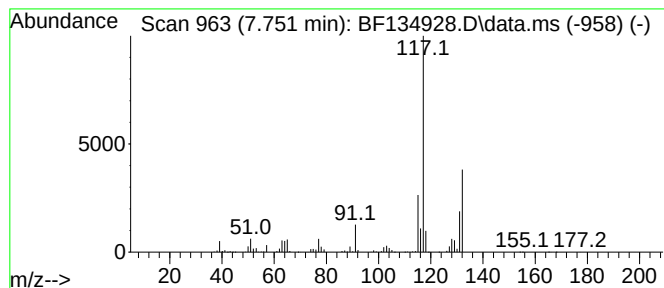
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indan, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	35.27 ng	2559680	Naphthalene-d8	8.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indan, 1-methyl-	132	C10H12	000767-58-8	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50
4		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	50
5		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
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ALS Vial : 15 Sample Multiplier: 1

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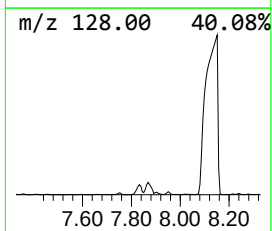
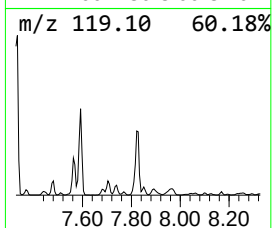
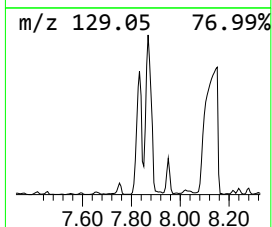
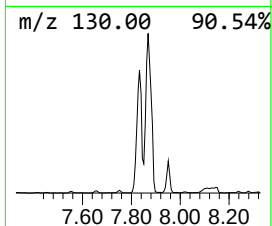
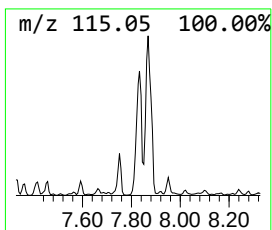
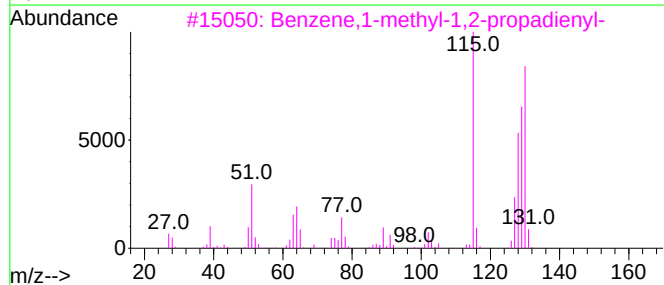
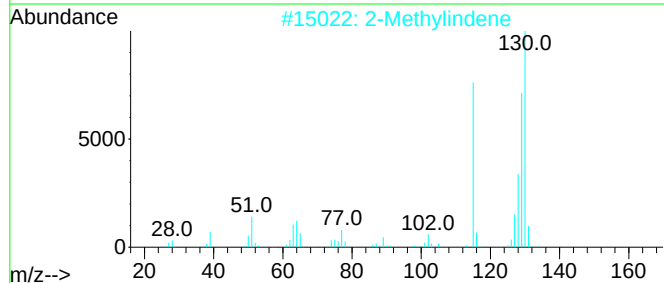
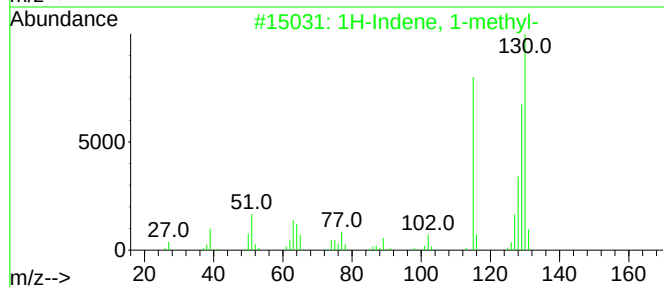
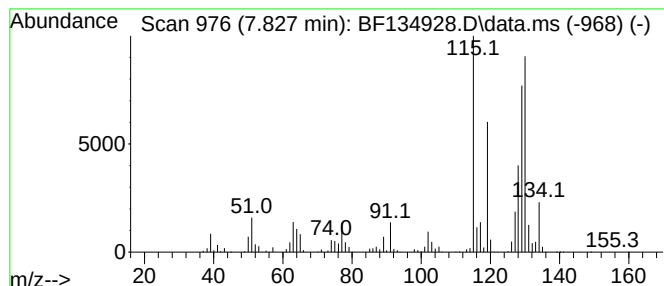
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.827	81.35 ng	5903560	Naphthalene-d8	8.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	95
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	92
4		Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	90
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

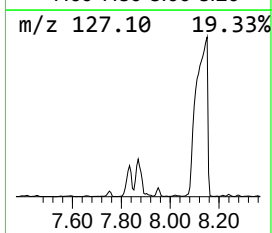
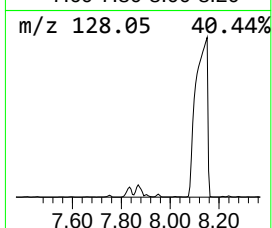
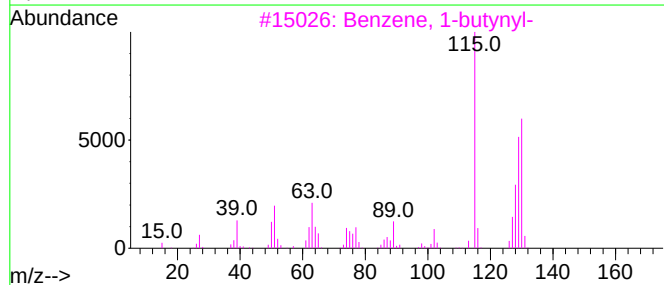
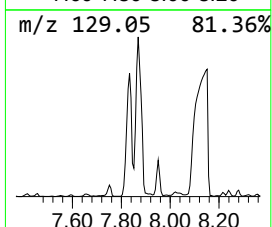
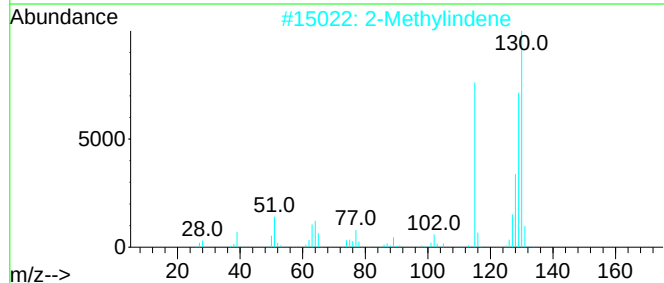
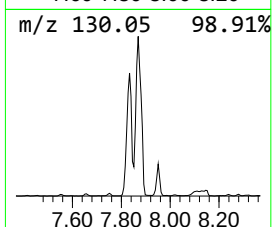
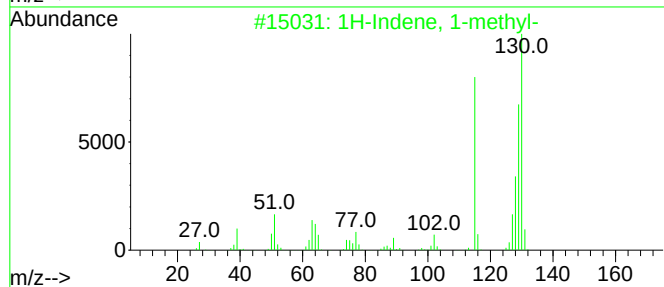
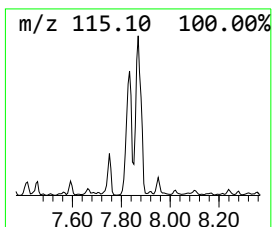
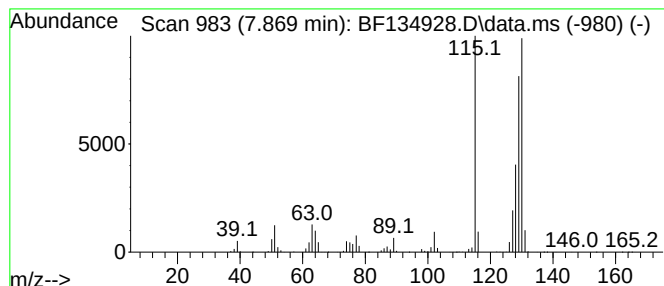
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Methylindene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	71.00 ng	5152580	Naphthalene-d8	8.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		2-Methylindene	130	C10H10	002177-47-1	95
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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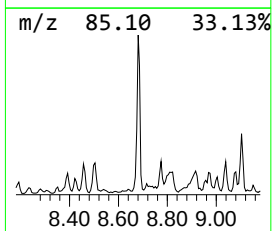
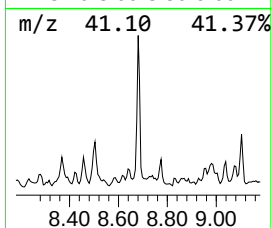
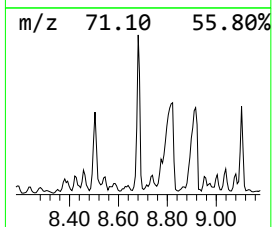
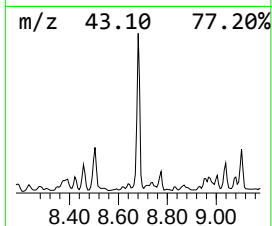
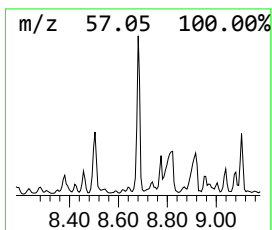
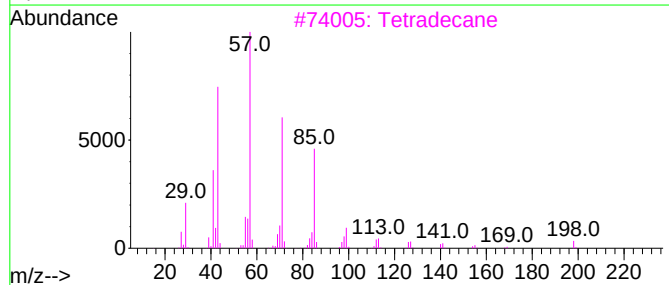
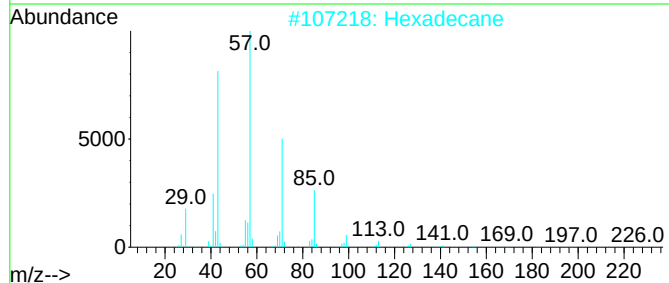
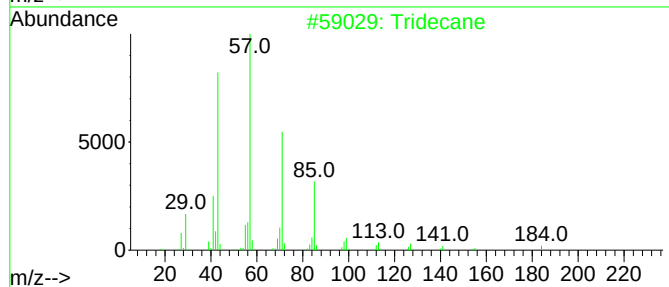
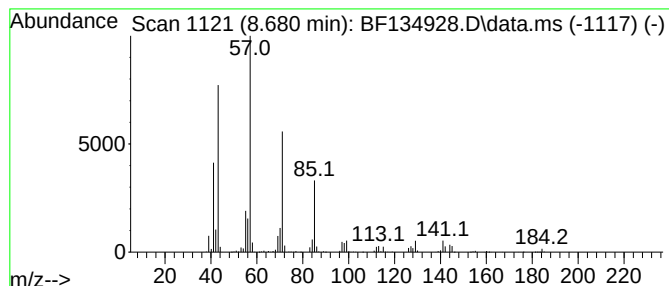
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.680	20.33 ng	1475070	Naphthalene-d8	8.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	74
3		Tetradecane	198	C14H30	000629-59-4	72
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	64
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

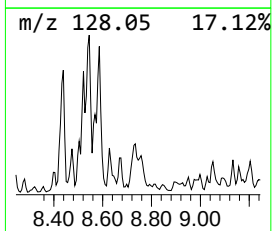
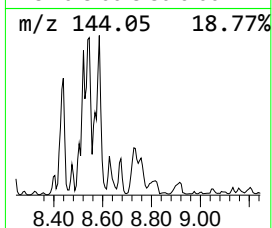
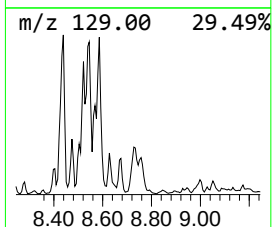
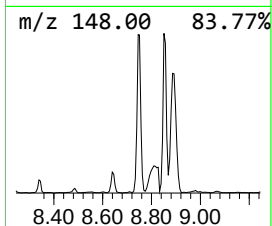
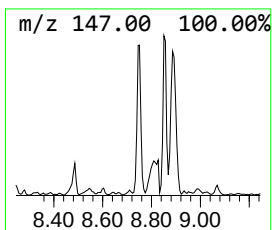
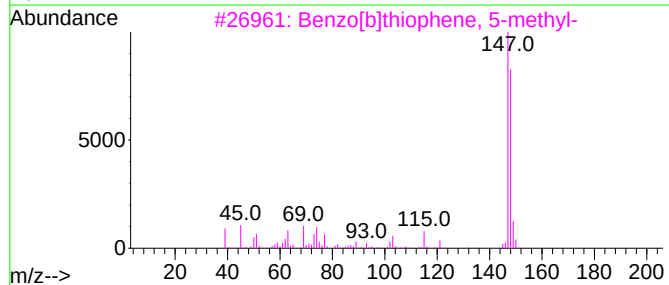
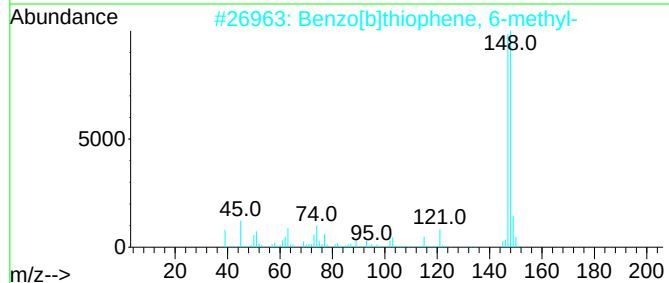
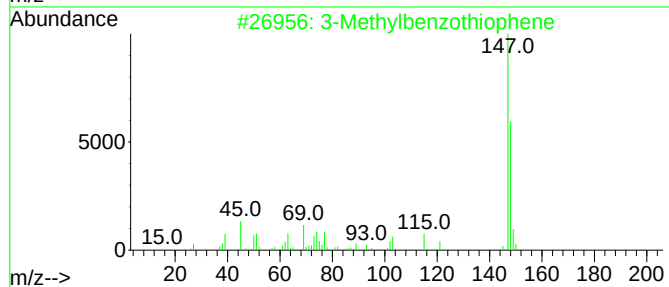
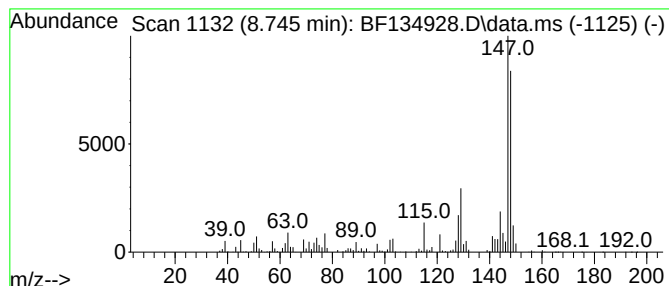
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3-Methylbenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	20.62 ng	1496120	Naphthalene-d8	8.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methylbenzothiophene	148	C9H8S	001455-18-1	76
2			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	74
3			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	68
4			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	68
5			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

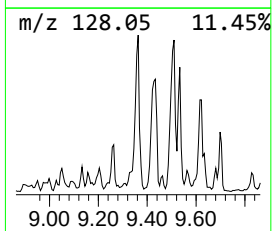
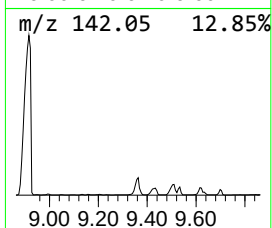
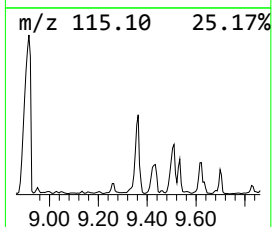
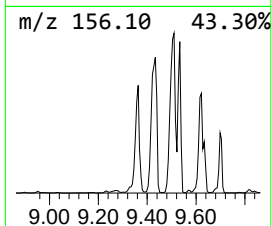
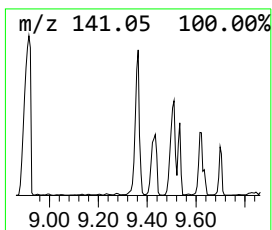
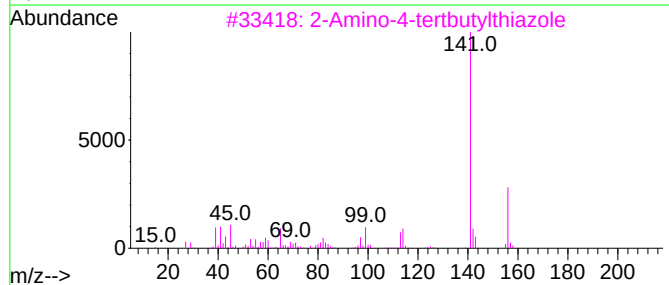
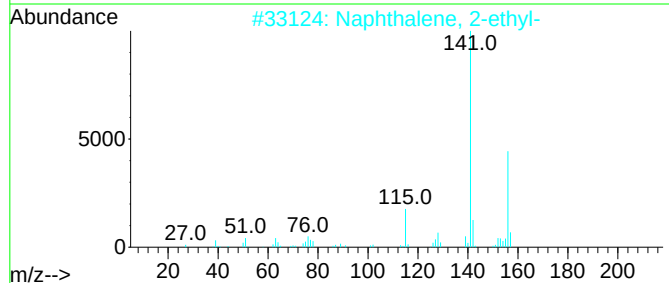
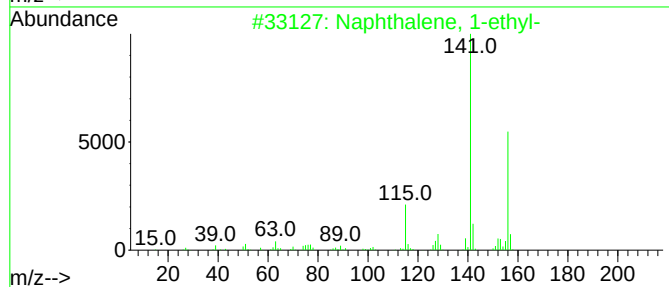
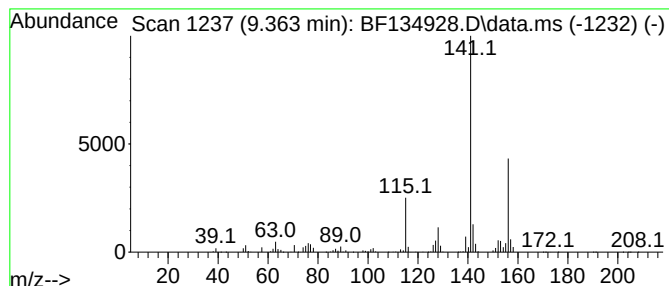
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	49.77 ng	6149280	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

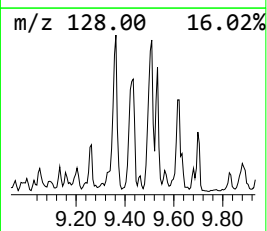
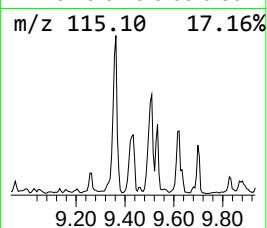
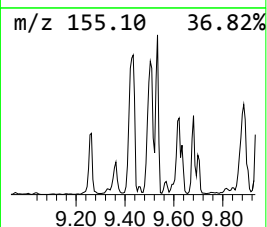
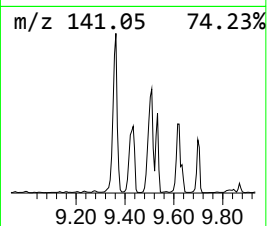
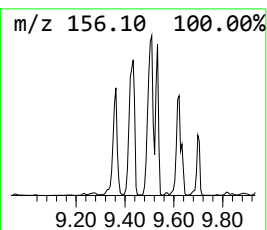
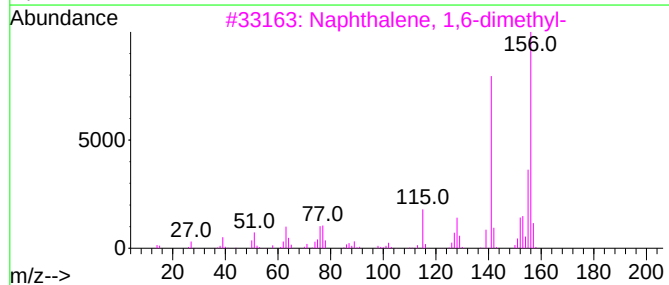
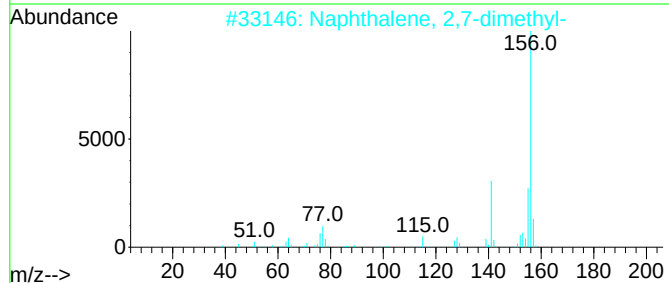
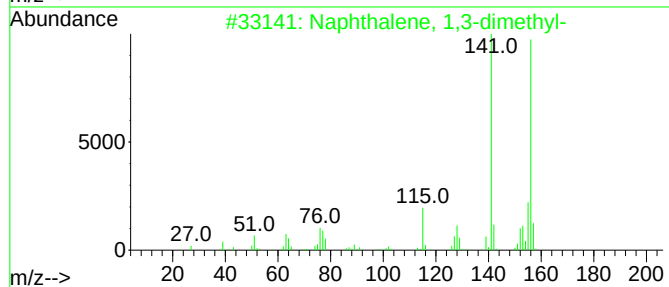
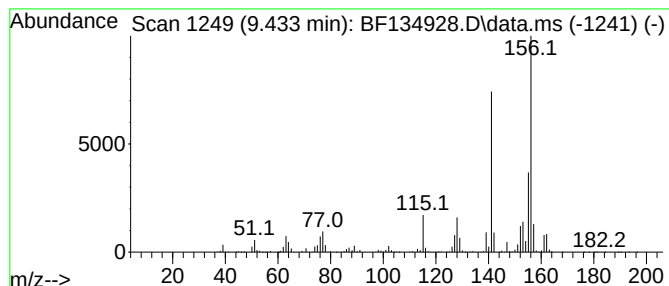
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	51.27 ng	6333740	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

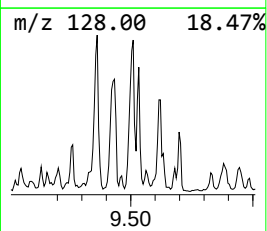
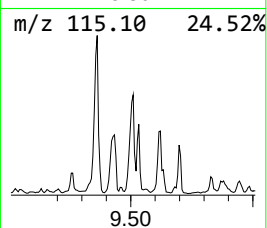
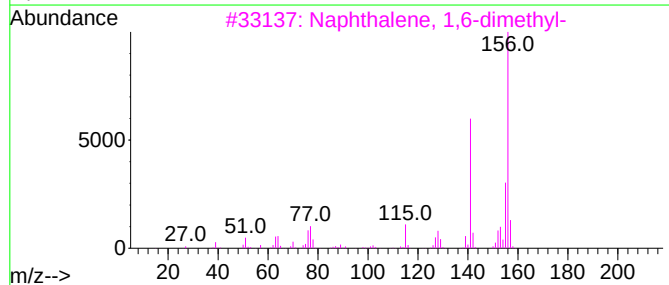
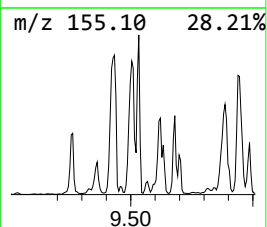
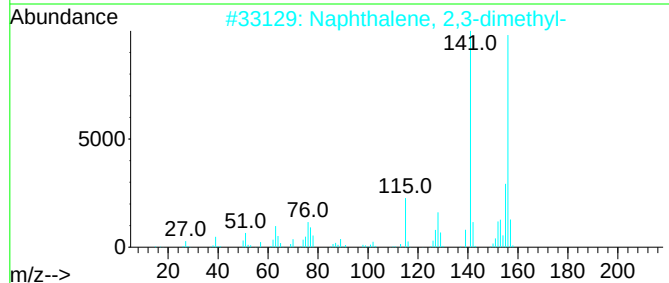
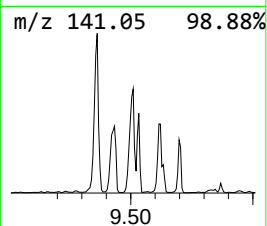
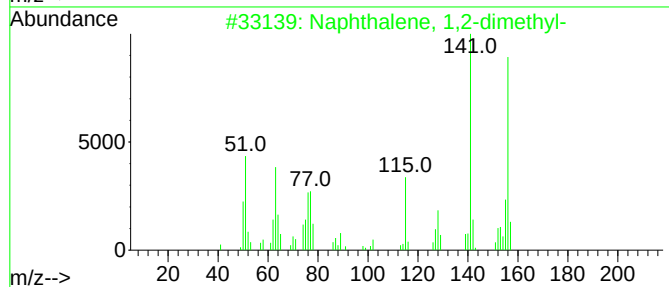
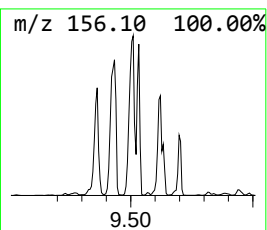
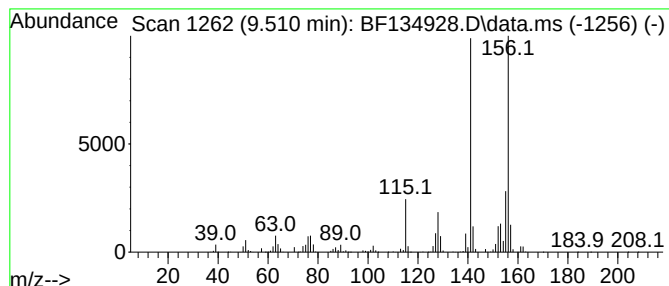
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	56.55 ng	6986270	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

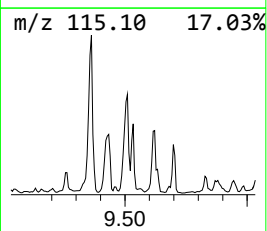
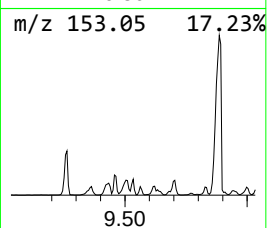
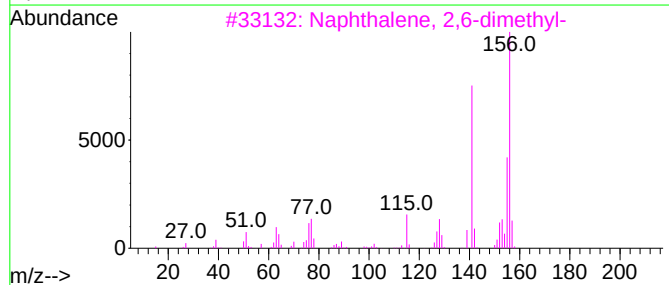
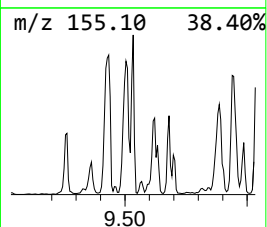
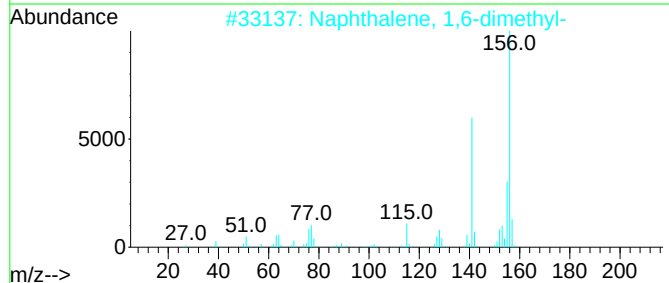
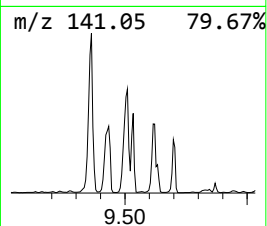
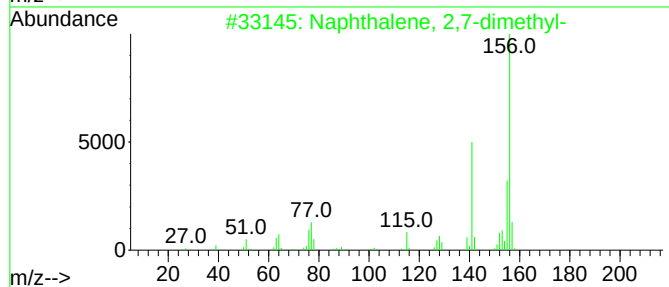
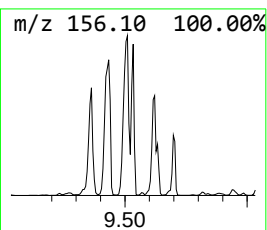
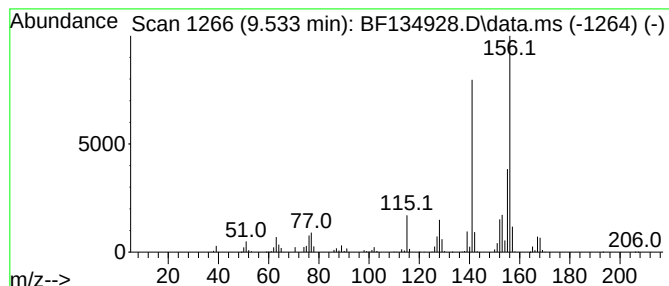
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	27.15 ng	3354560	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z83-84

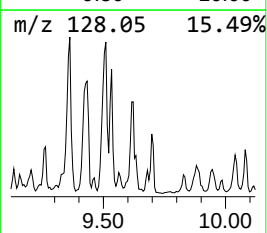
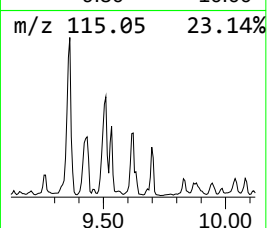
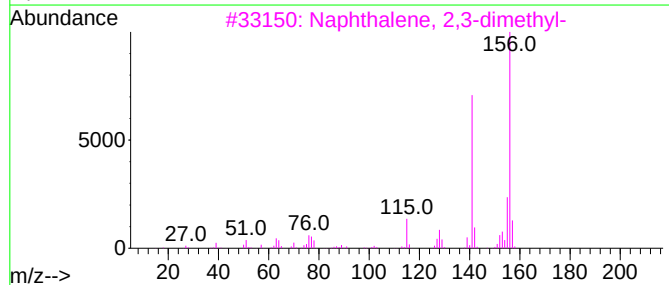
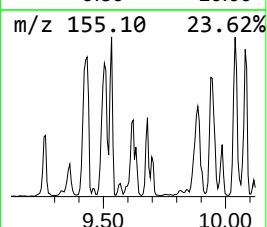
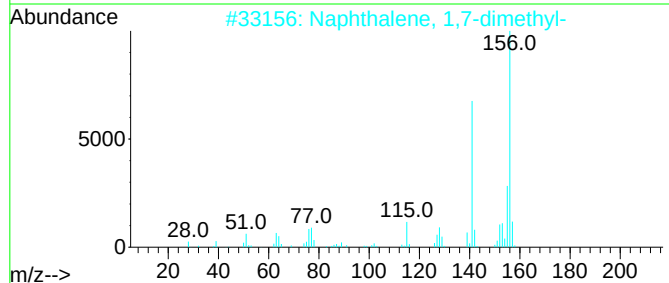
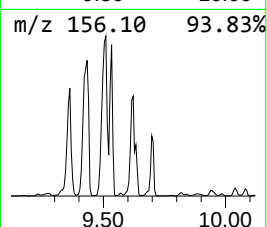
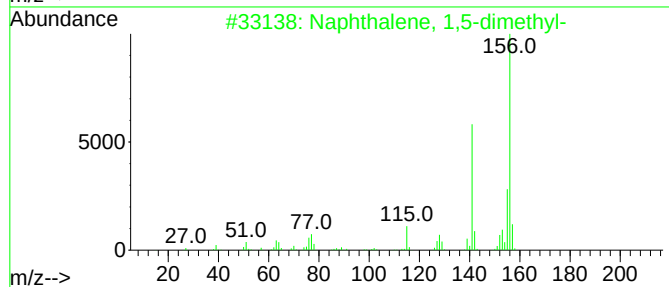
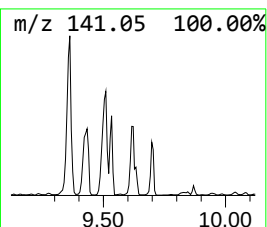
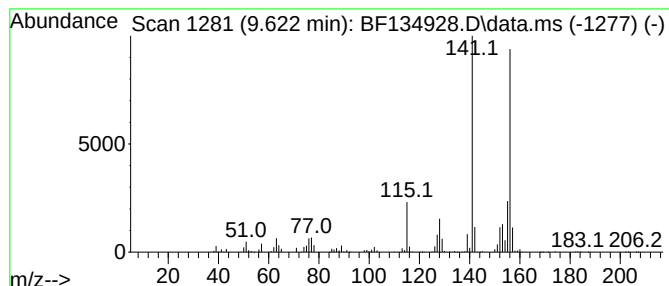
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	31.92 ng	3943360	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

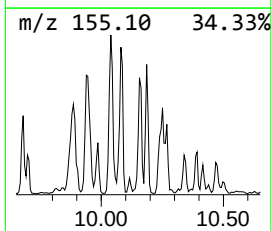
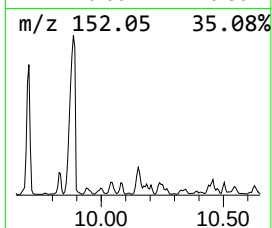
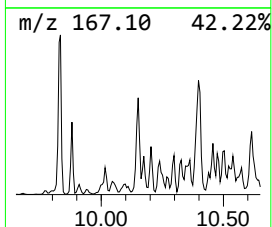
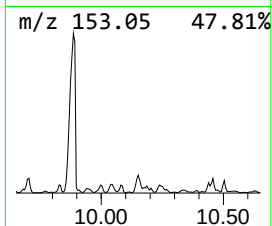
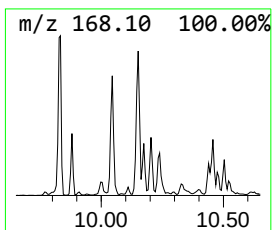
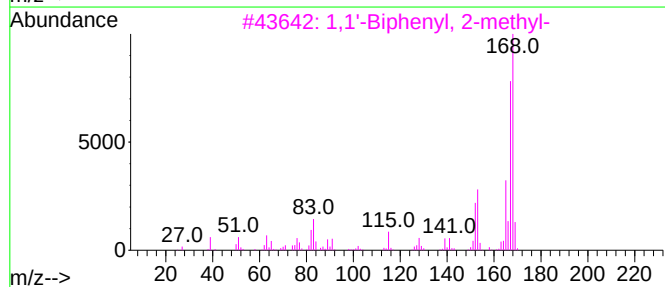
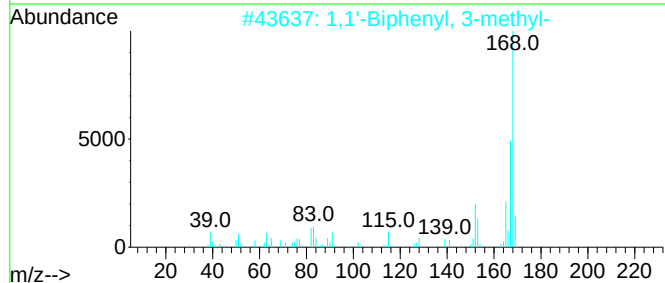
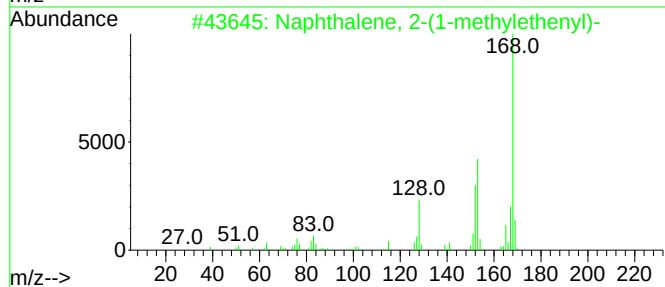
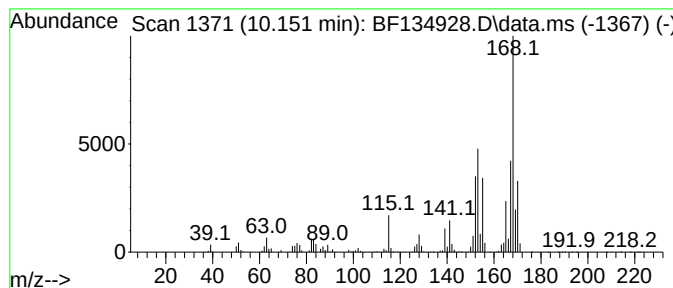
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.151	20.74 ng	2561920	Acenaphthene-d10	9.839	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134928.D
Acq On : 24 Aug 2023 17:17
Operator : CG\JU
Sample : 04093-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z83-84

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
p-Xylene	5.645	35.5	ng	2220460	1	6.798	1249830	20.0
Benzene, 1-ethy...	6.328	70.7	ng	4418380	1	6.798	1249830	20.0
Benzene, 1-ethy...	6.857	20.0	ng	1249830	1	6.798	1249830	20.0
Indane	6.992	169.6	ng	10599000	1	6.798	1249830	20.0
Benzene, 1,2-di...	7.045	22.6	ng	1415290	1	6.798	1249830	20.0
o-Cymene	7.116	37.9	ng	2366580	1	6.798	1249830	20.0
Indan, 1-methyl-	7.751	35.3	ng	2559680	2	8.092	1451400	20.0
1H-Indene, 1-me...	7.827	81.3	ng	5903560	2	8.092	1451400	20.0
2-Methylindene	7.869	71.0	ng	5152580	2	8.092	1451400	20.0
Tridecane	8.680	20.3	ng	1475070	2	8.092	1451400	20.0
3-Methylbenzoth...	8.745	20.6	ng	1496120	2	8.092	1451400	20.0
Naphthalene, 1-...	9.363	49.8	ng	6149280	3	9.839	2470890	20.0
Naphthalene, 1,...	9.433	51.3	ng	6333740	3	9.839	2470890	20.0
Naphthalene, 1,...	9.510	56.5	ng	6986270	3	9.839	2470890	20.0
Naphthalene, 2,...	9.533	27.1	ng	3354560	3	9.839	2470890	20.0
Naphthalene, 1,...	9.622	31.9	ng	3943360	3	9.839	2470890	20.0
Naphthalene, 2-...	10.151	20.7	ng	2561920	3	9.839	2470890	20.0