

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137061.D
 Acq On : 15 Jan 2024 14:13
 Operator : CG\JU
 Sample : 05789-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E8965C-5-001

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137061.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.398	389	393	403	rBV	248079	277865	14.09%	1.450%
2	5.040	493	502	505	rBV	1232606	1972109	100.00%	10.294%
3	5.275	539	542	546	rBV	35524	34740	1.76%	0.181%
4	5.381	557	560	562	rBV	76040	75152	3.81%	0.392%
5	5.434	566	569	582	rVB	332240	329552	16.71%	1.720%
6	5.639	600	604	608	rVV2	60731	61705	3.13%	0.322%
7	6.310	715	718	721	rBV	213999	173221	8.78%	0.904%
8	6.339	721	723	726	rVB	96115	73482	3.73%	0.384%
9	6.386	726	731	736	rVB	144824	126314	6.41%	0.659%
10	6.434	736	739	743	rBV	411962	380532	19.30%	1.986%
11	6.469	743	745	749	rVB	73805	61612	3.12%	0.322%
12	6.610	765	769	772	rBV2	410408	424853	21.54%	2.218%
13	6.786	796	799	802	rVB2	341414	315464	16.00%	1.647%
14	6.839	804	808	810	rBV	140009	116237	5.89%	0.607%
15	6.881	812	815	819	rVB2	37008	39063	1.98%	0.204%
16	6.957	826	828	831	rVB	95380	70662	3.58%	0.369%
17	7.028	838	840	841	rBV	64897	48216	2.44%	0.252%
18	7.051	841	844	847	rVB3	82158	87951	4.46%	0.459%
19	7.098	847	852	858	rBV3	133159	160344	8.13%	0.837%
20	7.169	860	864	866	rBV2	38581	45767	2.32%	0.239%
21	7.316	883	889	891	rVV	141753	140989	7.15%	0.736%
22	7.345	891	894	897	rVV	766982	725508	36.79%	3.787%
23	7.375	897	899	903	rVV	171059	147416	7.48%	0.770%
24	7.422	905	907	910	rVB3	40742	37977	1.93%	0.198%
25	7.486	915	918	921	rVB3	35687	34882	1.77%	0.182%
26	7.551	926	929	931	rVV2	53287	56835	2.88%	0.297%
27	7.575	931	933	936	rVB	78516	64844	3.29%	0.338%
28	7.733	958	960	964	rVB3	40292	39248	1.99%	0.205%
29	7.804	969	972	977	rVV2	72320	99311	5.04%	0.518%
30	7.898	986	988	991	rVV	183104	135597	6.88%	0.708%
31	7.933	991	994	997	rVV2	40109	38365	1.95%	0.200%
32	7.992	1001	1004	1009	rVV7	20343	38089	1.93%	0.199%
33	8.039	1009	1012	1013	rVV2	140979	112897	5.72%	0.589%
34	8.063	1013	1016	1017	rVV	441634	390444	19.80%	2.038%
35	8.086	1017	1020	1023	rVV	1284446	1058383	53.67%	5.525%
36	8.116	1023	1025	1027	rVV	70097	62229	3.16%	0.325%

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.133	1027	1028	1037	rVB2	42034	49354	2.50%	0.258%
38	8.480	1083	1087	1089	rBV2	34469	36249	1.84%	0.189%
39	8.569	1098	1102	1106	rBV2	24096	33413	1.69%	0.174%
40	8.651	1112	1116	1118	rBV	43417	39818	2.02%	0.208%

41	8.775	1134	1137	1140	rBV	277550	202075	10.25%	1.055%
42	8.875	1150	1154	1157	rBV	137310	111082	5.63%	0.580%
43	9.139	1195	1199	1202	rBV	1539584	1204361	61.07%	6.287%
44	9.239	1214	1216	1221	rVB	58104	45631	2.31%	0.238%
45	9.304	1223	1227	1230	rBV2	42921	49891	2.53%	0.260%

46	9.333	1230	1232	1240	rVB	35849	37092	1.88%	0.194%
47	9.404	1240	1244	1247	rBV	32891	44905	2.28%	0.234%
48	9.475	1253	1256	1259	rBV	53844	56112	2.85%	0.293%
49	9.816	1310	1314	1318	rVV2	402166	407387	20.66%	2.127%
50	9.851	1318	1320	1325	rVV	204579	160602	8.14%	0.838%

51	10.022	1346	1349	1353	rVV	134654	127388	6.46%	0.665%
52	10.369	1403	1408	1413	rVB2	219354	247835	12.57%	1.294%
53	10.445	1418	1421	1429	rVV4	115811	230493	11.69%	1.203%
54	10.527	1432	1435	1437	rVV	54275	80649	4.09%	0.421%
55	10.569	1439	1442	1443	rVV3	65055	88117	4.47%	0.460%

56	10.622	1446	1451	1460	rVB4	216771	468434	23.75%	2.445%
57	10.721	1465	1468	1473	rVB3	43579	50372	2.55%	0.263%
58	10.921	1495	1502	1505	rBV6	20518	36161	1.83%	0.189%
59	11.210	1548	1551	1554	rVB	56062	47839	2.43%	0.250%
60	11.316	1565	1569	1571	rBV	400121	369269	18.72%	1.928%

61	11.339	1571	1573	1576	rVV	936571	693761	35.18%	3.621%
62	11.386	1579	1581	1585	rVV	110729	102055	5.17%	0.533%
63	11.551	1605	1609	1615	rBV	78150	81814	4.15%	0.427%
64	11.645	1622	1625	1631	rVB3	22633	33820	1.71%	0.177%
65	11.816	1649	1654	1656	rBV	75808	70759	3.59%	0.369%

66	11.845	1656	1659	1663	rVV	128262	129847	6.58%	0.678%
67	11.933	1670	1674	1676	rVV	105669	121870	6.18%	0.636%
68	11.951	1676	1677	1681	rVV	51000	33836	1.72%	0.177%
69	12.116	1702	1705	1708	rVB	46050	40006	2.03%	0.209%
70	12.257	1726	1729	1733	rBV	192081	168148	8.53%	0.878%

71	12.404	1751	1754	1757	rVV2	53648	51857	2.63%	0.271%
72	12.539	1773	1777	1780	rBV	589904	542601	27.51%	2.832%
73	12.568	1780	1782	1786	rVB	99284	86390	4.38%	0.451%
74	12.768	1810	1816	1821	rBV	522570	594204	30.13%	3.102%
75	12.910	1833	1840	1843	rBV	1129852	964003	48.88%	5.032%

76	12.986	1848	1853	1857	rBV4	31537	49456	2.51%	0.258%
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77	13.098	1865	1872	1875	rBV	61837	95254	4.83%	0.497%
78	13.139	1875	1879	1881	rBV	71313	68408	3.47%	0.357%
79	13.163	1881	1883	1885	rVB	56643	42420	2.15%	0.221%
80	13.198	1885	1889	1892	rBV2	40254	51037	2.59%	0.266%
81	13.480	1933	1937	1942	rBV	85646	88430	4.48%	0.462%
82	13.615	1957	1960	1964	rVB	33072	35688	1.81%	0.186%
83	13.810	1991	1993	2004	rVB3	82719	134150	6.80%	0.700%
84	13.974	2013	2021	2024	rBV2	474780	661328	33.53%	3.452%
85	13.998	2024	2025	2034	rVB	228519	170584	8.65%	0.890%
86	14.062	2034	2036	2038	rBV	65187	70469	3.57%	0.368%
87	14.133	2044	2048	2051	rBV	87401	83428	4.23%	0.435%
88	14.362	2083	2087	2090	rBV	46927	51097	2.59%	0.267%
89	14.439	2097	2100	2102	rBV2	97661	83363	4.23%	0.435%
90	14.751	2149	2153	2156	rBV	63798	63720	3.23%	0.333%
91	14.868	2170	2173	2179	rVB4	21923	33323	1.69%	0.174%
92	15.027	2196	2200	2203	rBV	181080	256450	13.00%	1.339%
93	15.092	2208	2211	2215	rVB2	63141	76133	3.86%	0.397%
94	15.339	2249	2253	2259	rVB	101728	142967	7.25%	0.746%
95	15.404	2259	2264	2269	rVB	149524	182818	9.27%	0.954%
96	15.468	2270	2275	2279	rBV	287549	396896	20.13%	2.072%
97	15.927	2349	2353	2362	rVB2	37498	75573	3.83%	0.394%
98	16.986	2529	2533	2540	rVB3	54492	114750	5.82%	0.599%
99	17.068	2544	2547	2554	rVB8	22167	36120	1.83%	0.189%
100	17.450	2608	2612	2623	rVB2	40499	95951	4.87%	0.501%

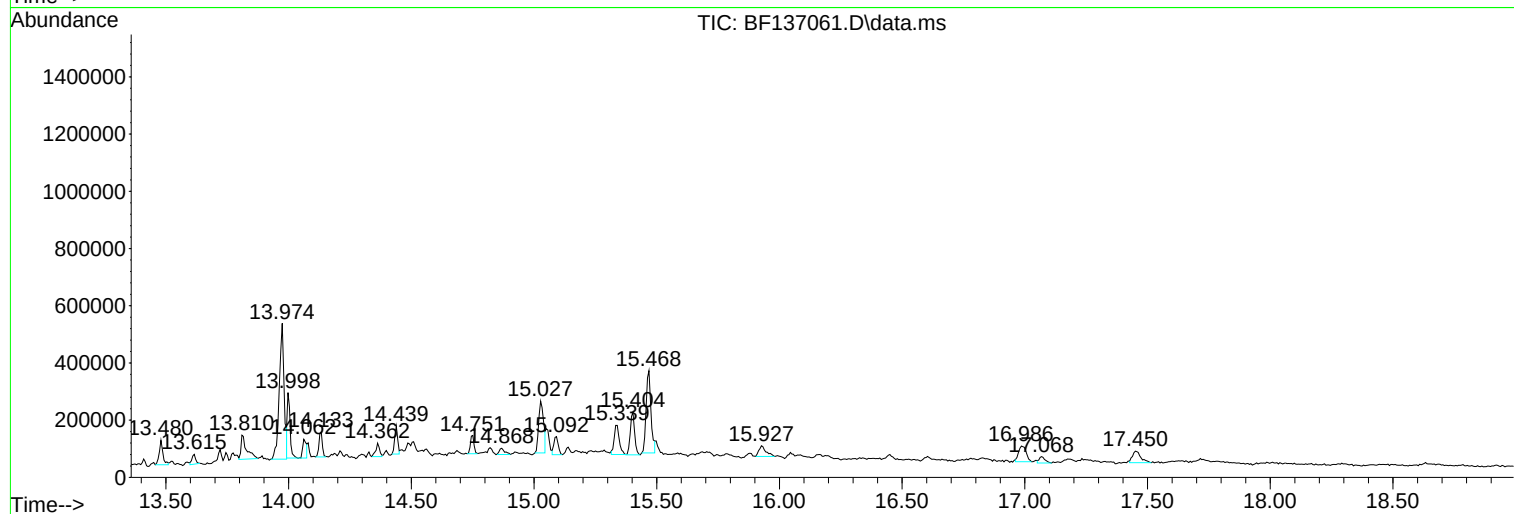
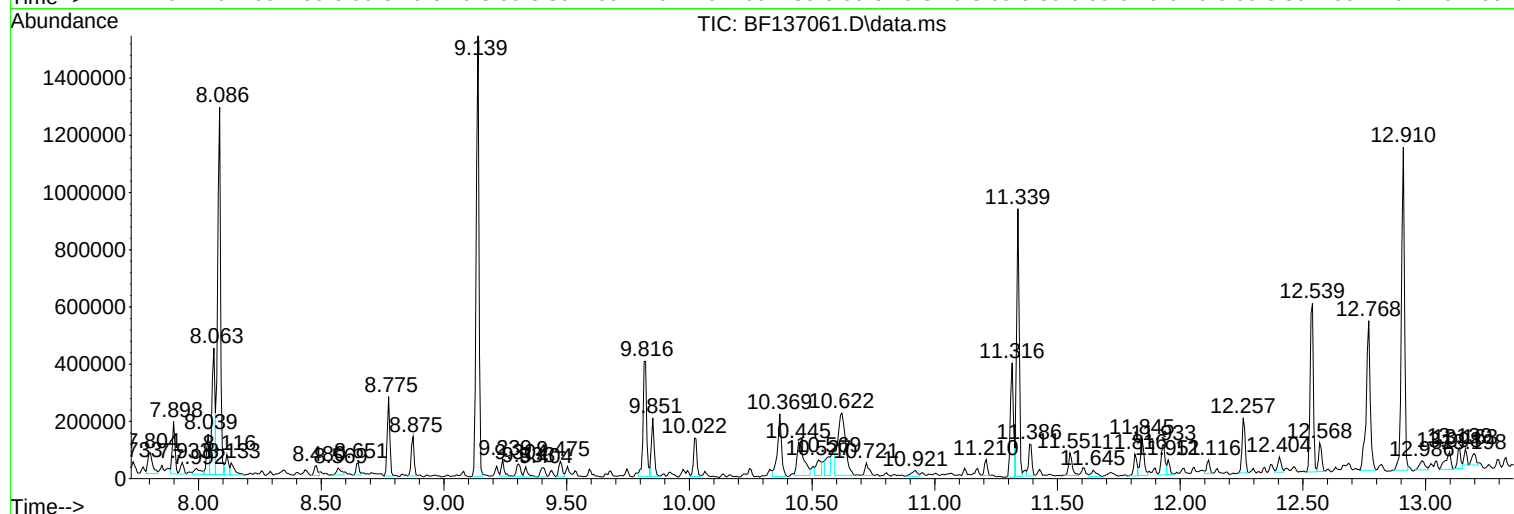
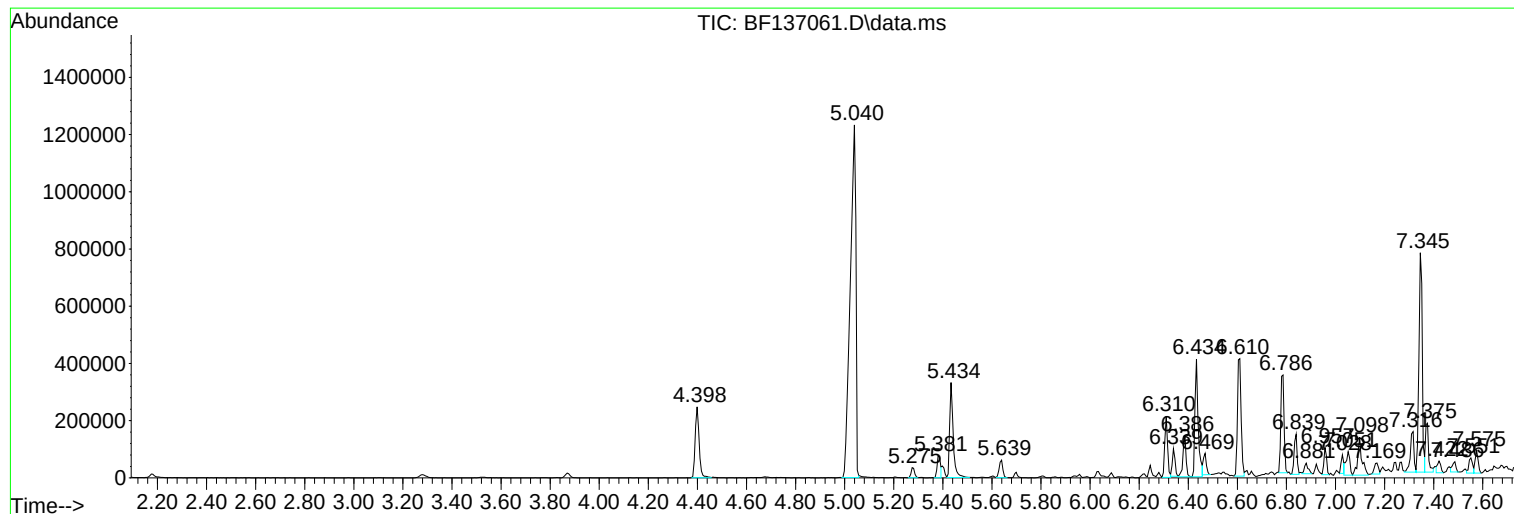
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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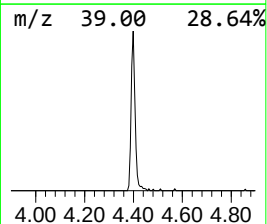
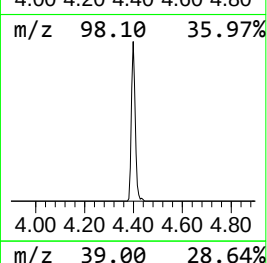
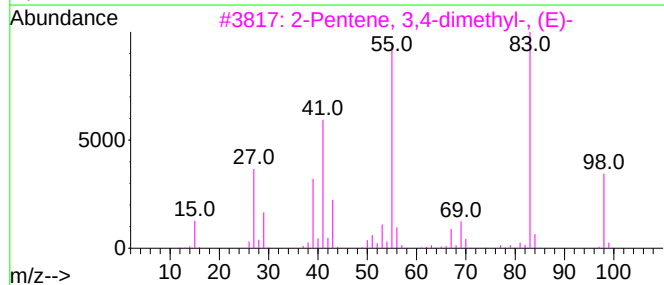
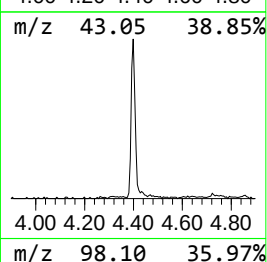
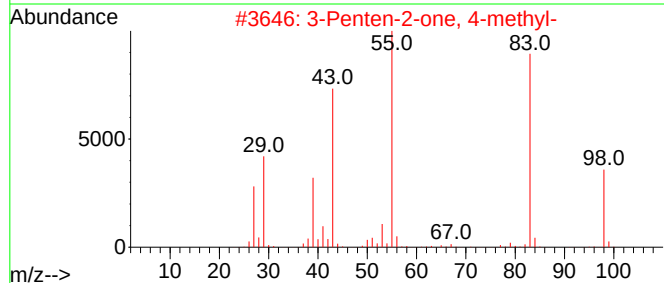
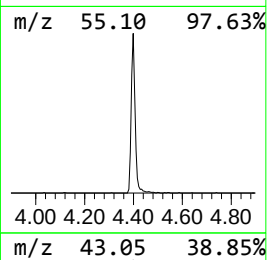
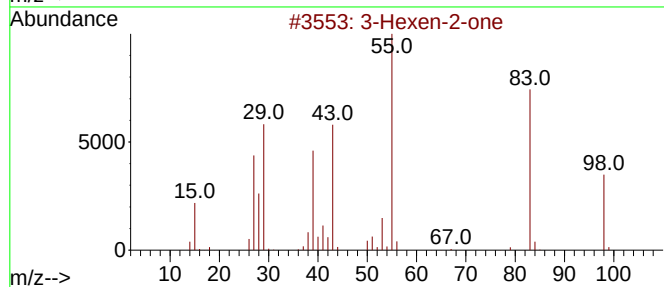
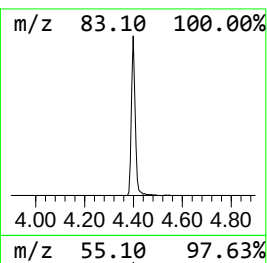
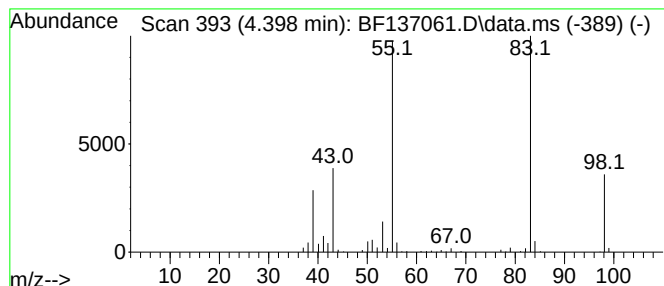
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Hexen-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.398	17.62 ng	277865	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexen-2-one	98	C6H10O	000763-93-9	91
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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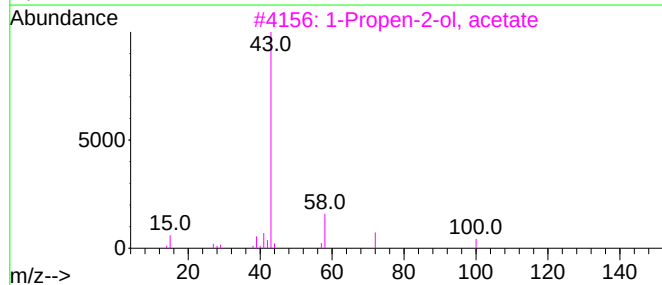
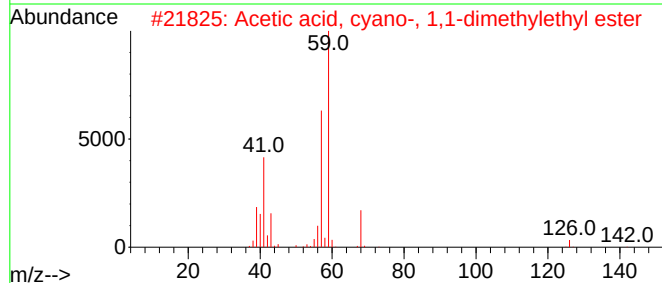
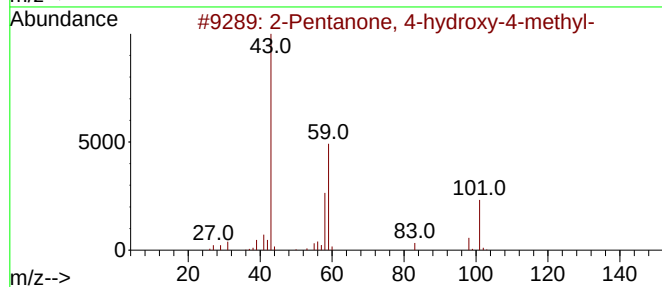
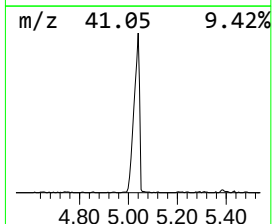
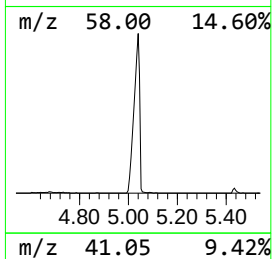
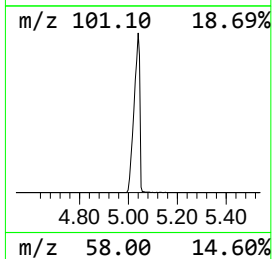
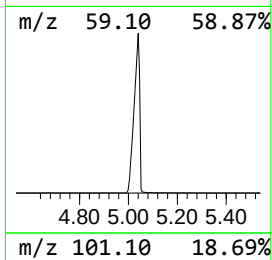
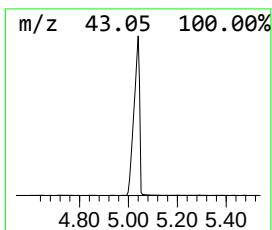
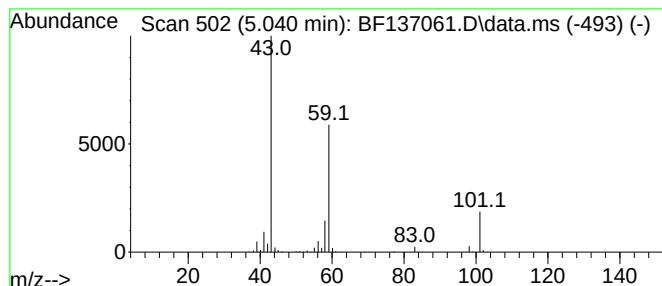
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	125.03 ng	1972110	1,4-Dichlorobenzene-d4	6.781

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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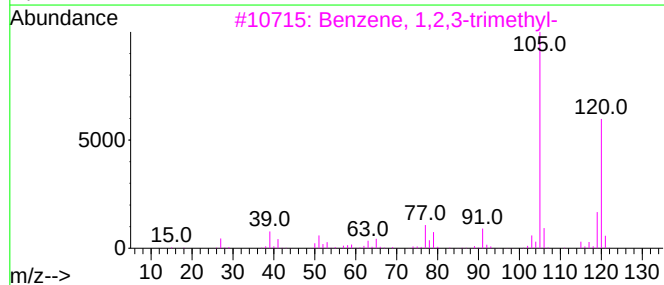
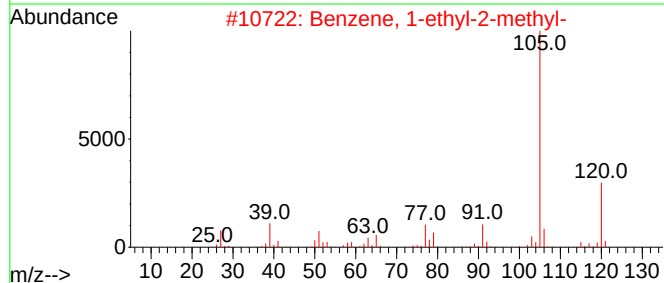
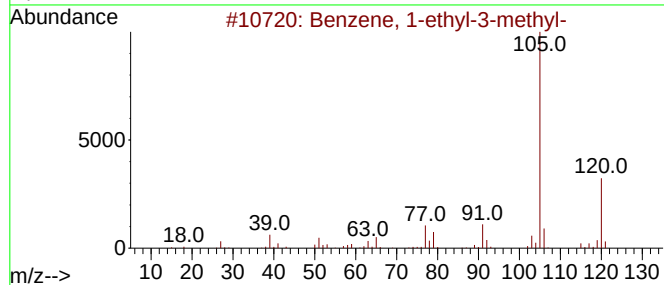
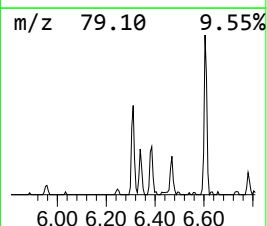
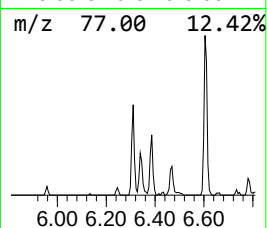
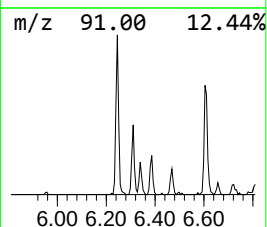
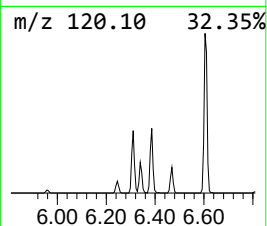
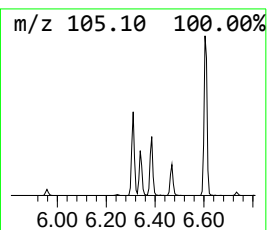
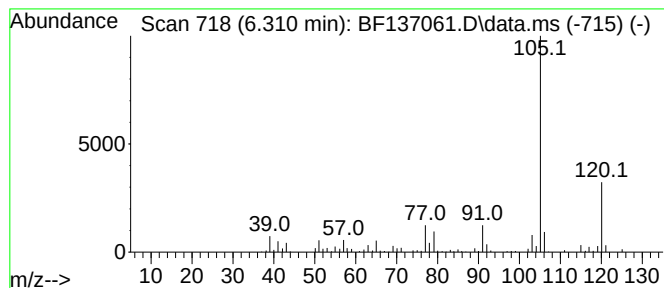
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	10.98 ng	173221	1,4-Dichlorobenzene-d4	6.781

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
Operator : CG\JU
Sample : 05789-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E8965C-5-001

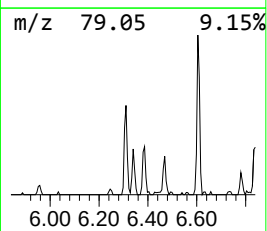
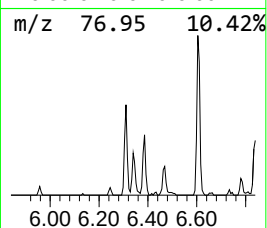
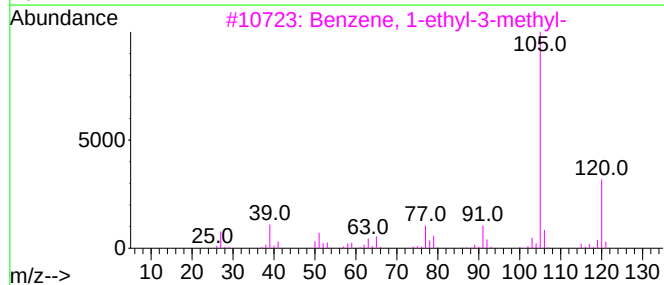
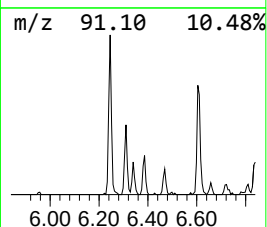
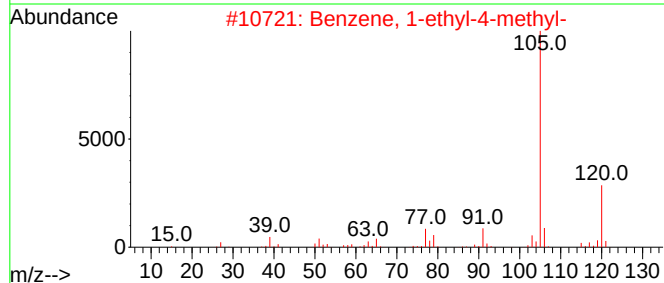
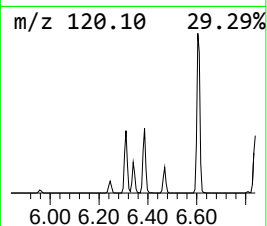
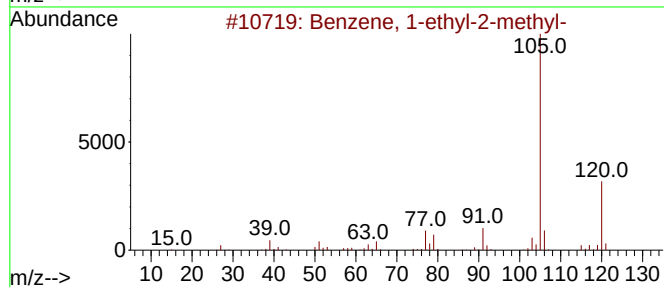
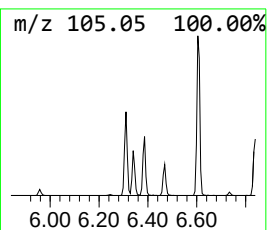
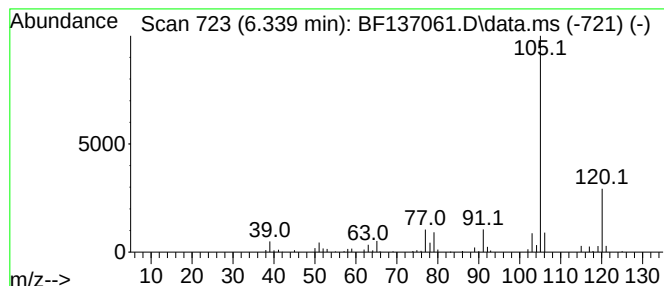
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.339	4.66 ng	73482	1,4-Dichlorobenzene-d4	6.781

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			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
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Instrument :
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ClientSampleId :
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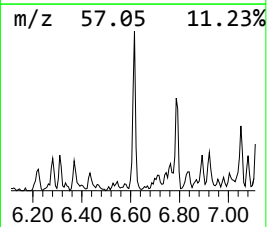
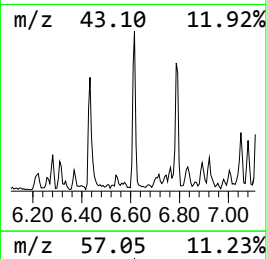
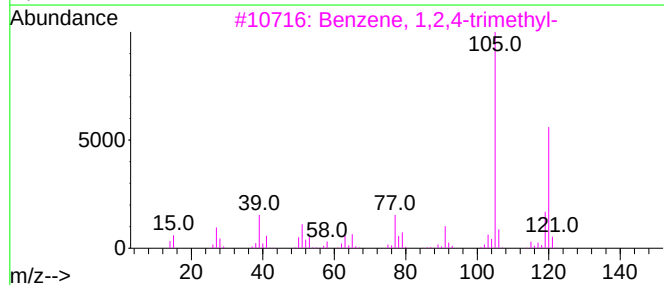
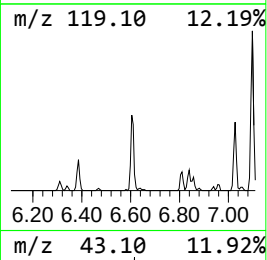
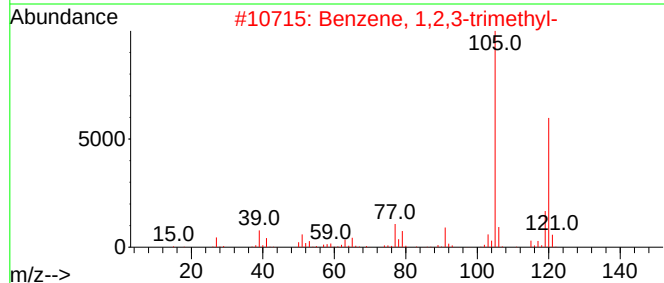
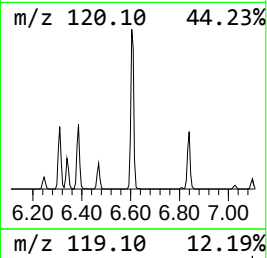
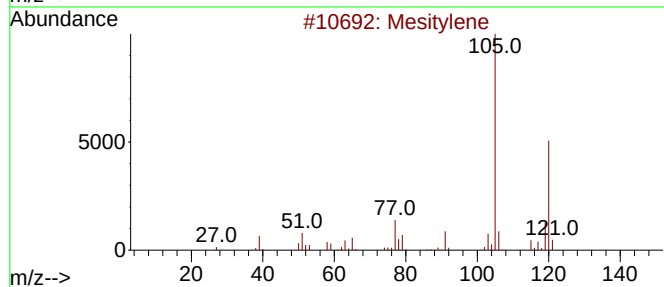
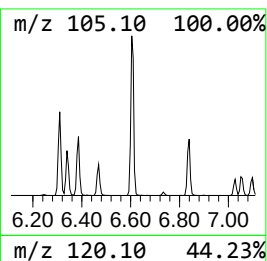
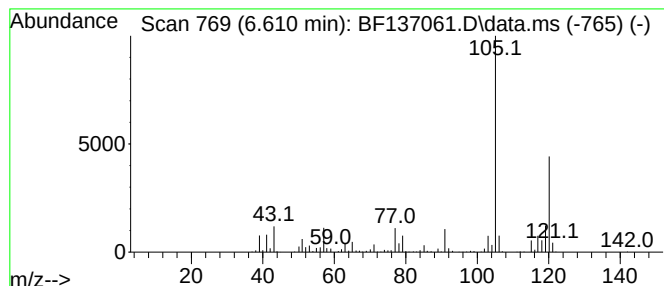
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	26.94 ng	424853	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
Operator : CG\JU
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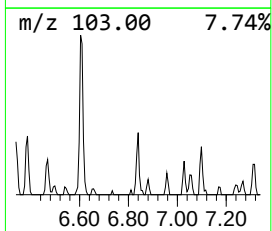
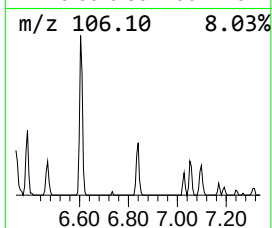
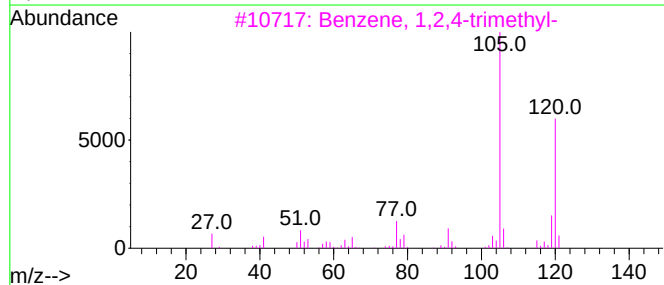
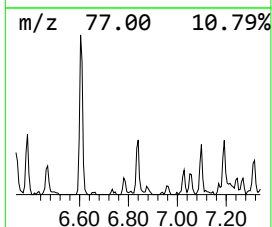
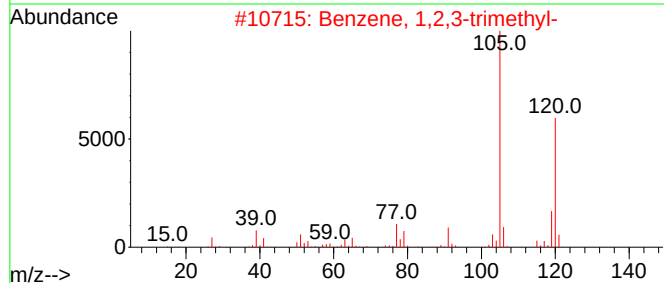
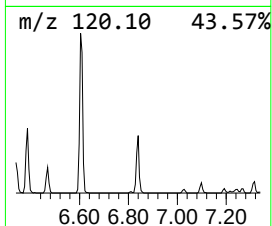
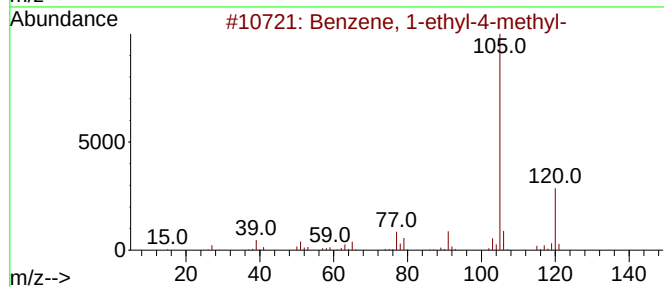
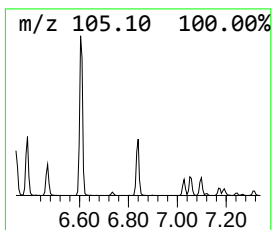
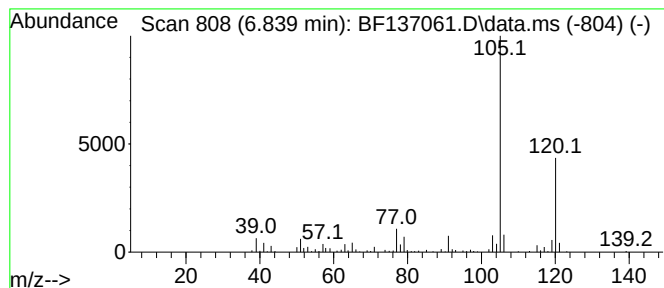
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.839	7.37 ng	116237	1,4-Dichlorobenzene-d4	6.781

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
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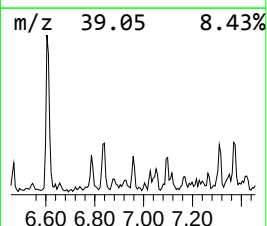
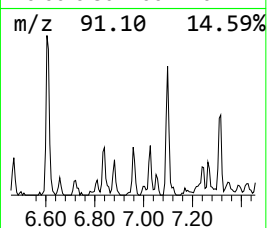
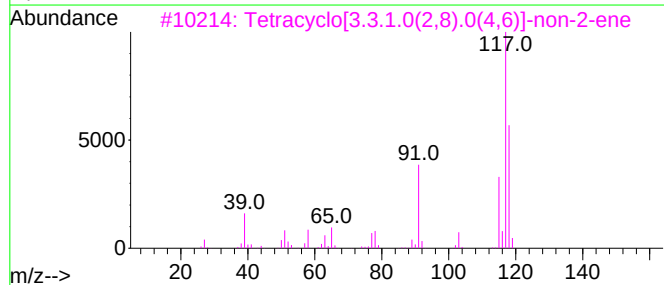
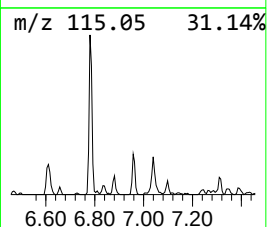
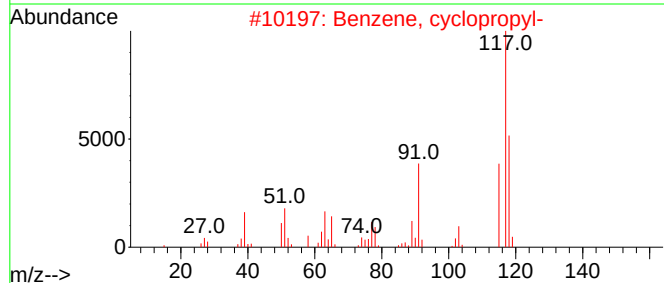
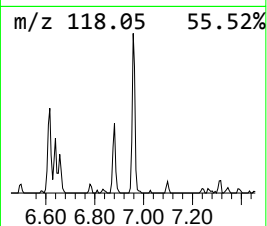
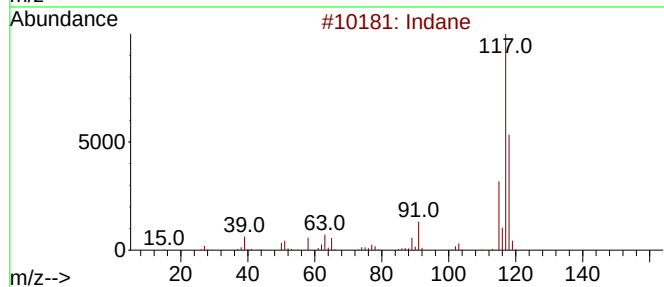
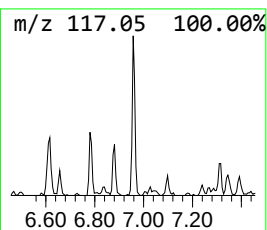
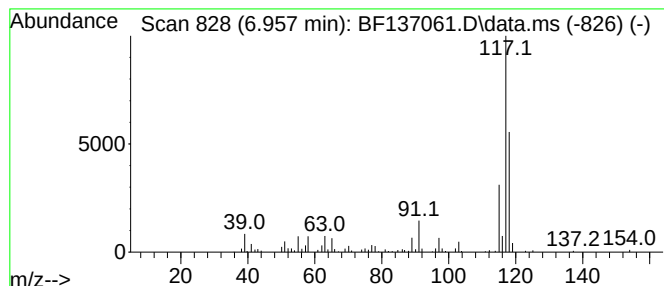
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.957	4.48 ng	70662	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
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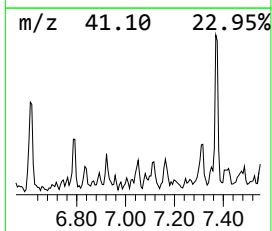
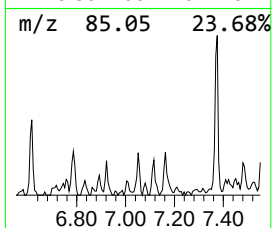
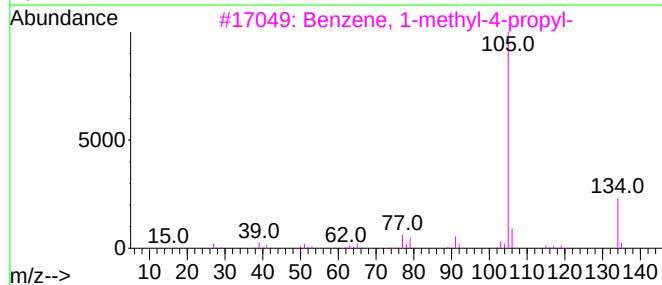
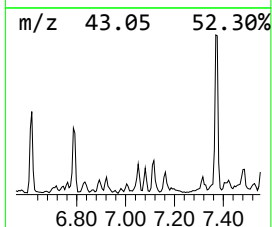
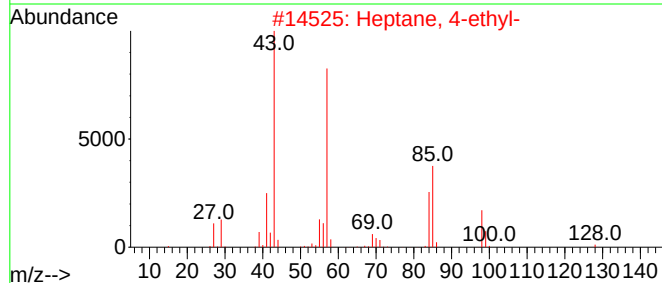
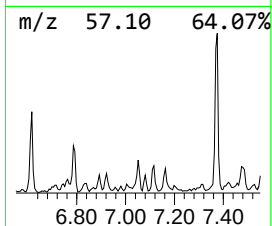
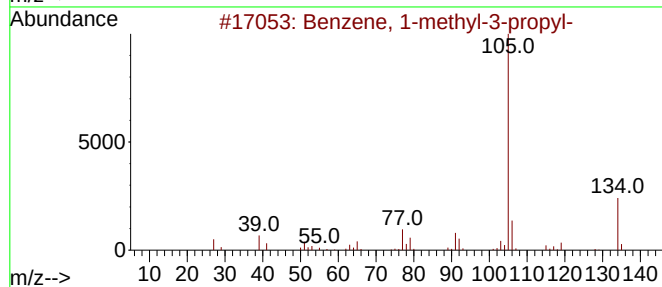
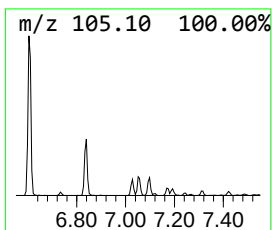
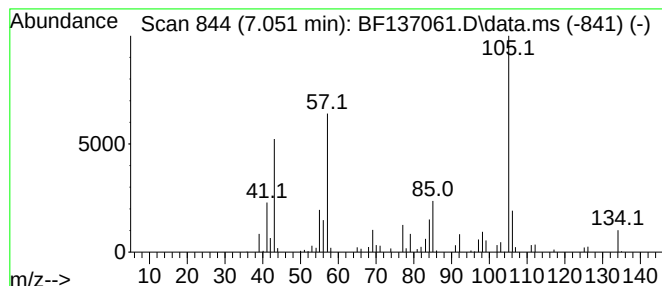
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.051 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	5.58 ng	87951	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	27
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	22
4			Ether, heptyl hexyl	200	C13H28O	007289-40-9	14
5			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
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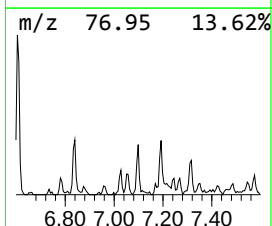
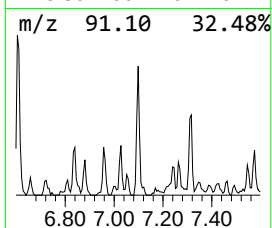
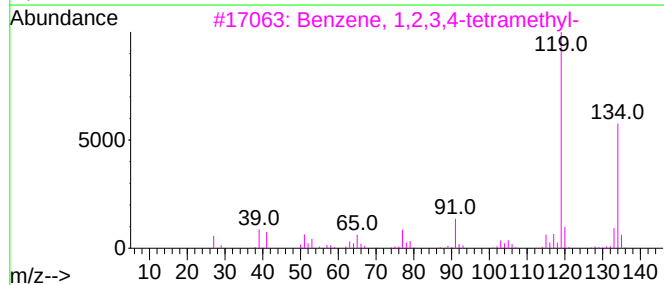
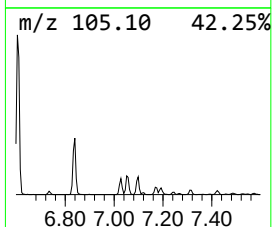
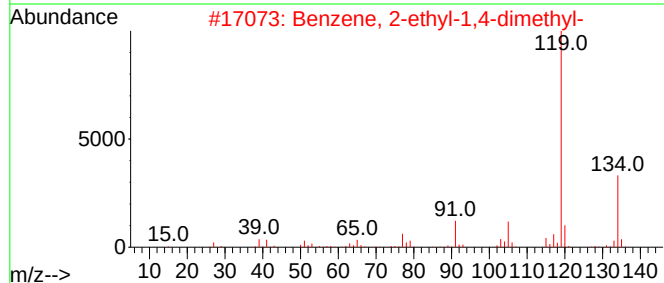
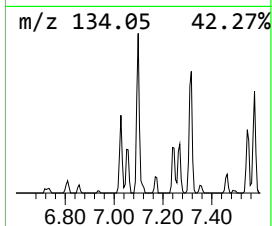
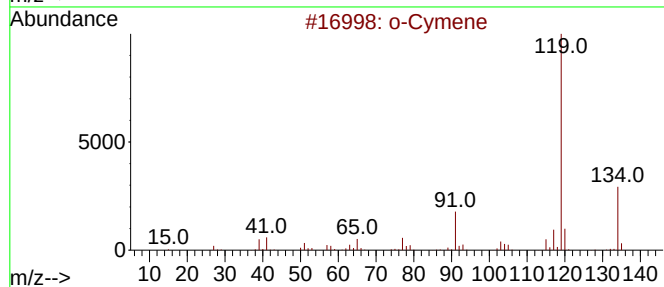
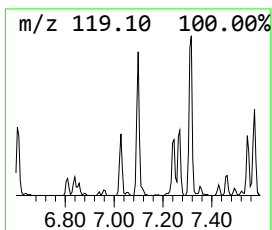
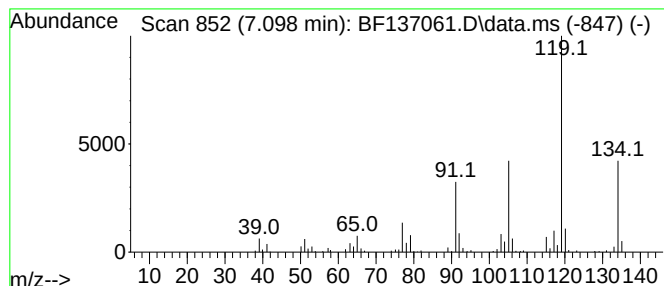
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	10.17 ng	160344	1,4-Dichlorobenzene-d4	6.781

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	93
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E8965C-5-001

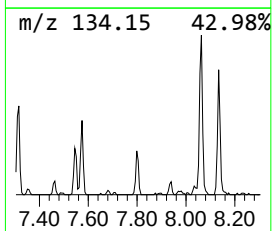
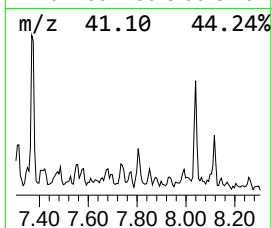
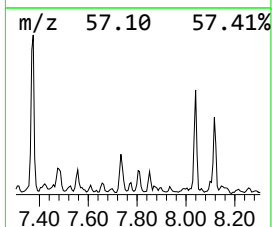
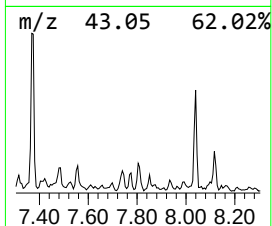
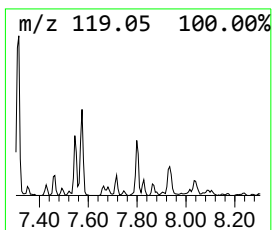
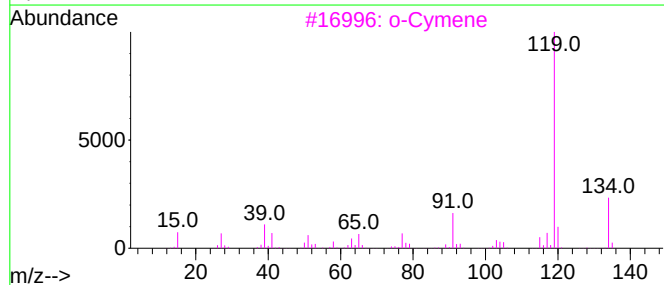
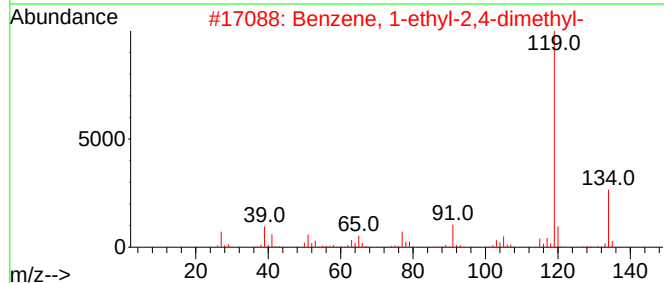
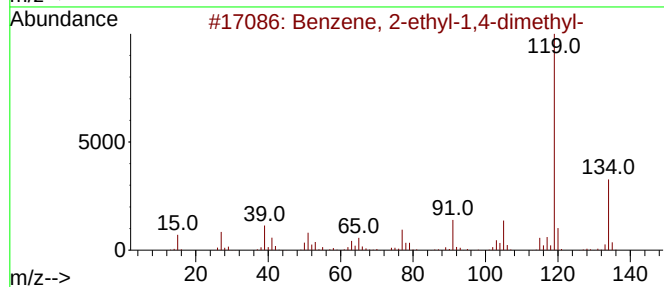
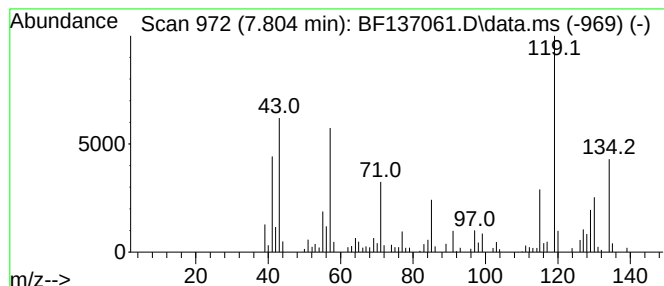
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.804 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.804	5.09 ng	99311	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43
3			o-Cymene	134	C10H14	000527-84-4	43
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
Operator : CG\JU
Sample : 05789-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

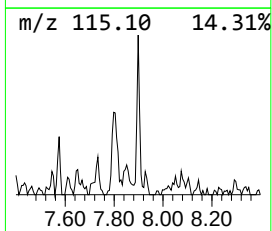
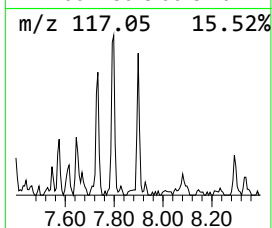
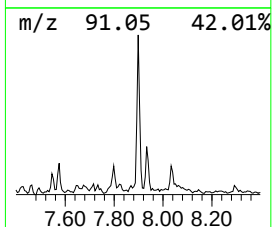
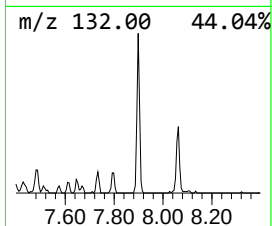
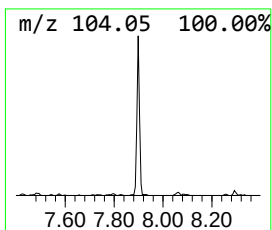
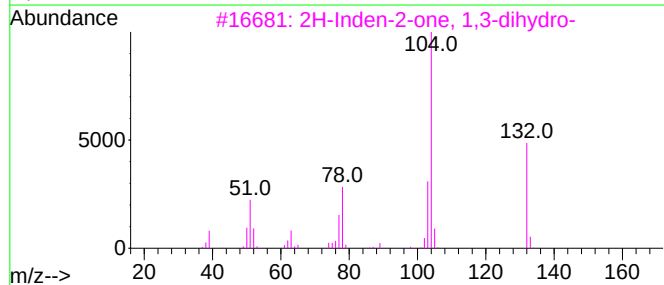
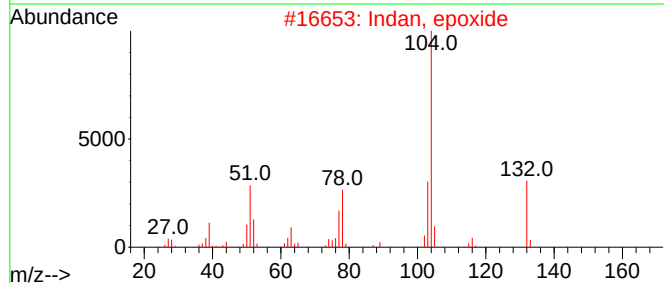
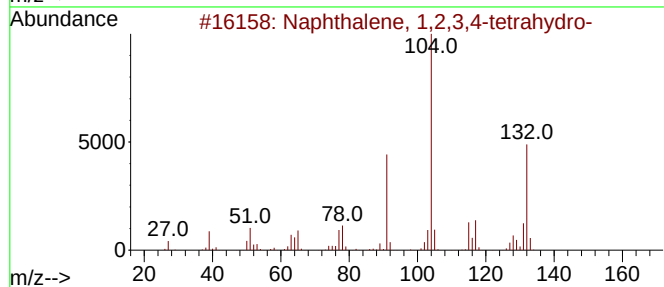
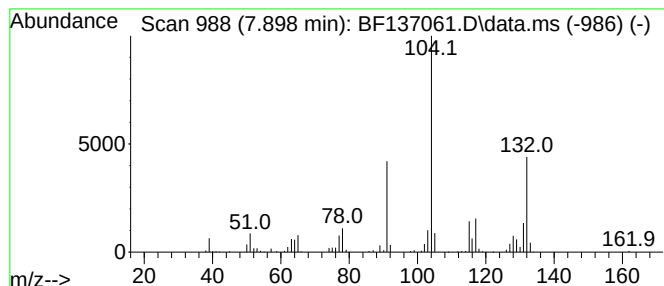
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.898	6.95 ng	135597	Naphthalene-d8	8.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	62
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
4	2-Phenylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000463-67-7	43
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
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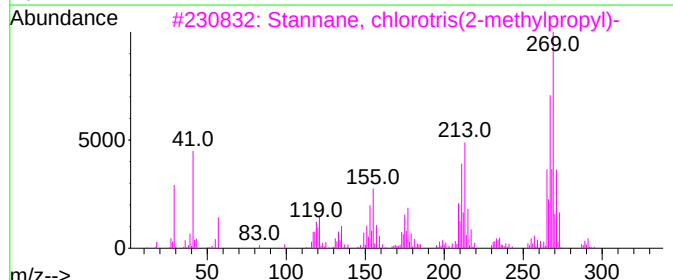
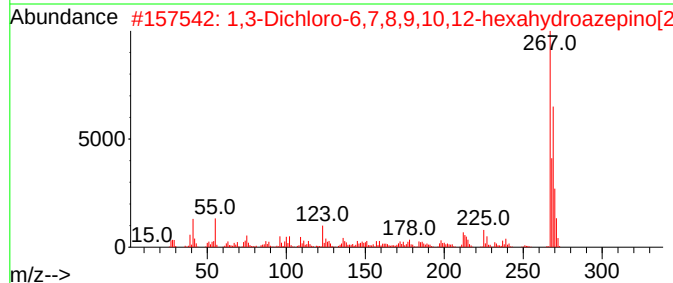
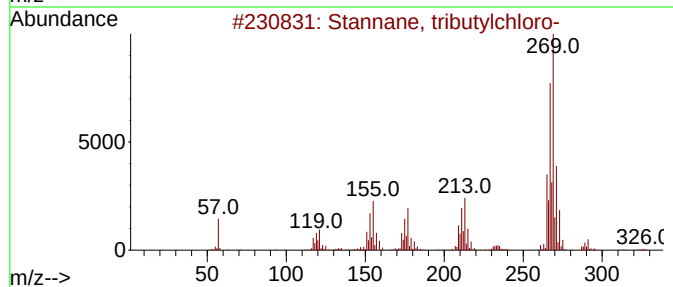
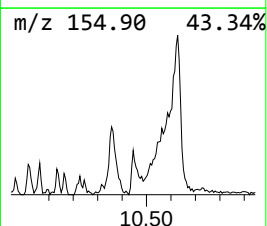
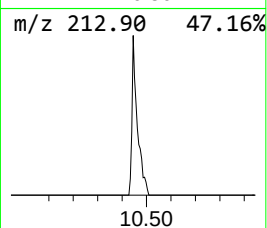
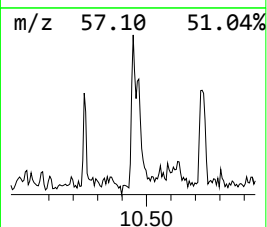
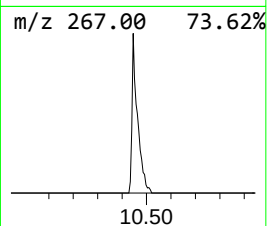
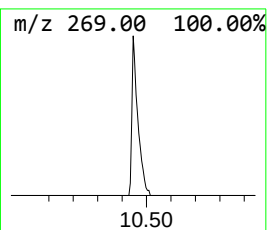
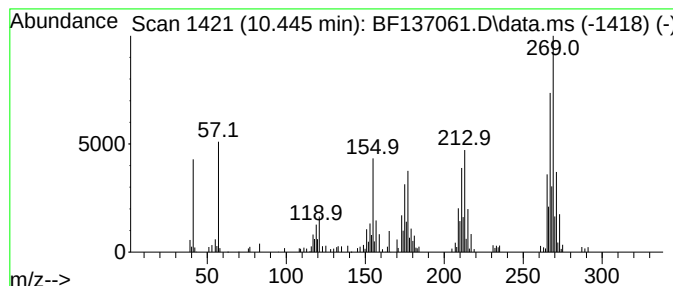
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Stannane, tributylchloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	11.32 ng	230493	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Stannane, tributylchloro-	326	C12H27ClSn	001461-22-9	91
2			1,3-Dichloro-6,7,8,9,10,12-hexah...	268	C13H14Cl2N2	149028-28-4	30
3			Stannane, chlorotris(2-methylpro...	326	C12H27ClSn	007342-38-3	27
4			Propenenitrile, 2-(2-benzothiazo...	268	C14H8N2S2	106833-31-2	14
5			2-(1-Adamantyl)-4-(chloromethyl)...	267	C14H18ClNS	632300-38-0	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
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Sample : 05789-05
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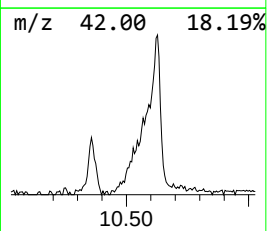
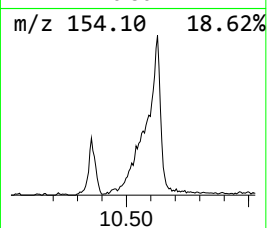
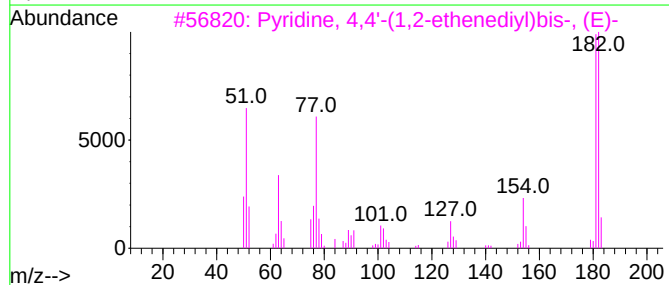
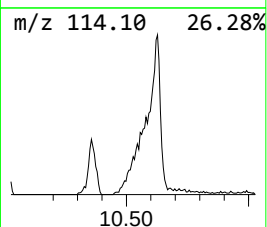
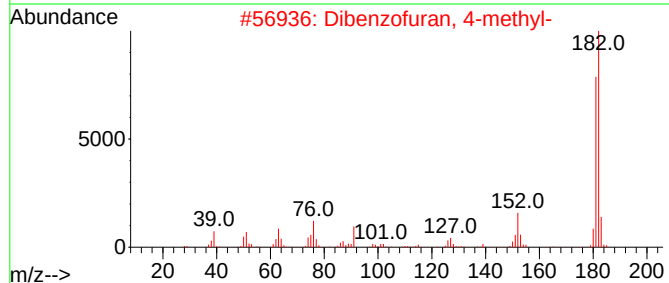
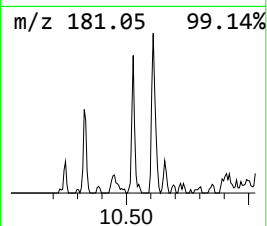
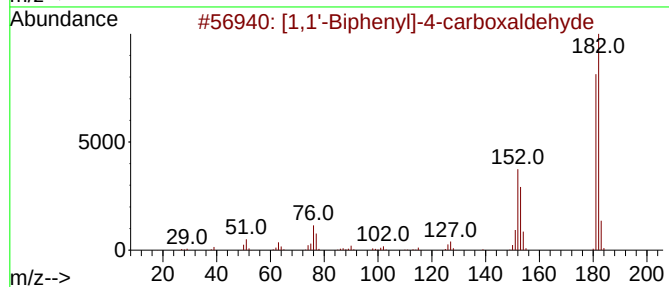
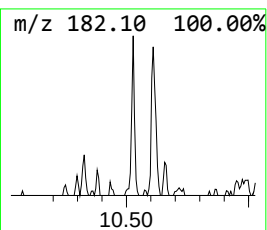
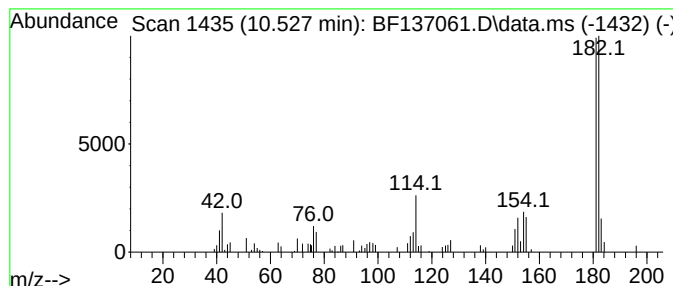
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.527	3.96 ng	80649	Acenaphthene-d10	9.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
3	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	64
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	59
5	Norharmene, N-methyl-	182	C12H10N2	1010374-78-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
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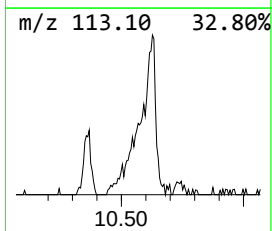
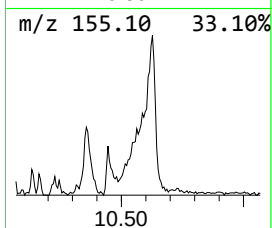
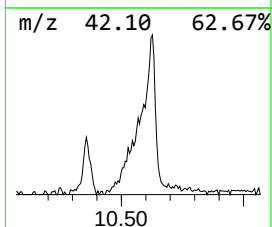
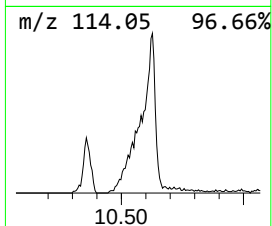
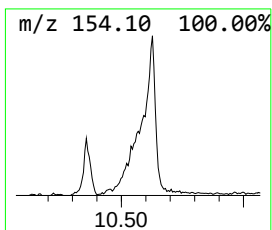
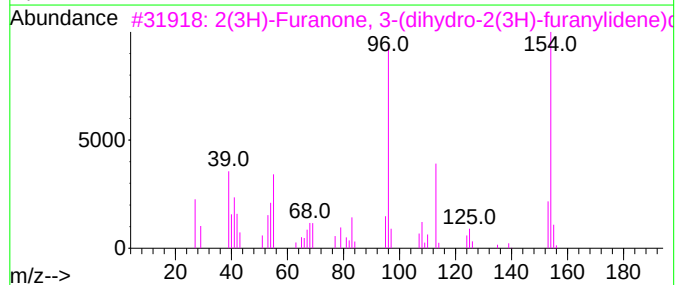
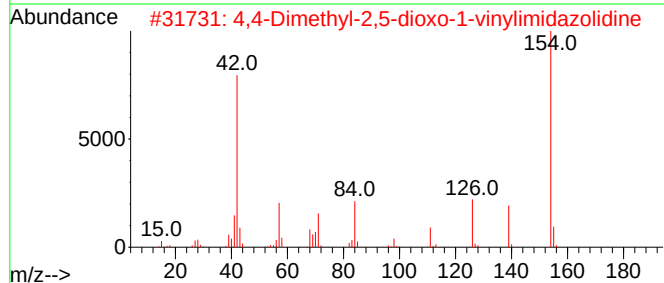
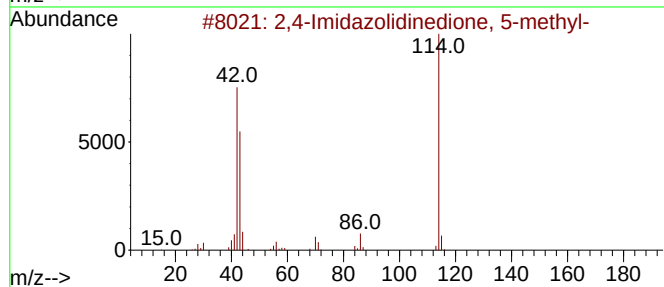
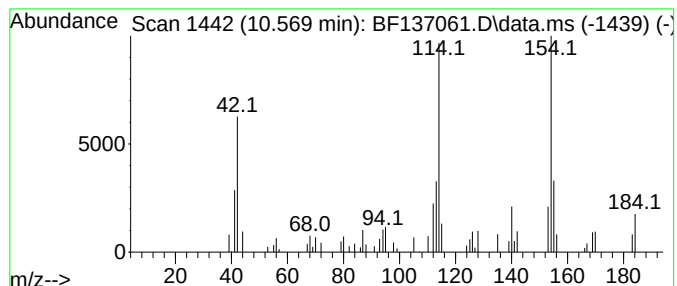
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.569 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.569	4.77 ng	88117	Phenanthrene-d10	11.316		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Imidazolidinedione, 5-methyl-	114	C4H6N2O2	000616-03-5	22
2		4,4-Dimethyl-2,5-dioxo-1-vinylim...	154	C7H10N2O2	031787-67-4	16
3		2(3H)-Furanone, 3-(dihydro-2(3H)...	154	C8H10O3	055164-40-4	16
4		2,4(1H,3H)-Pyrimidinedione, dihy...	114	C4H6N2O2	000504-07-4	14
5		Fumaric acid, 2,6-dimethoxypheny...	348	C19H24O6	1000405-75-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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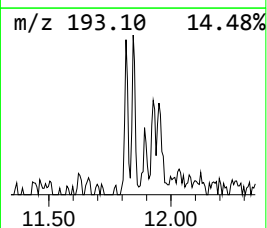
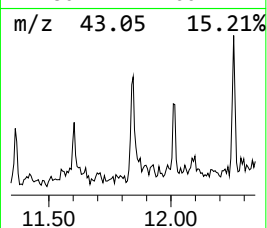
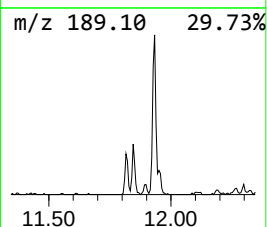
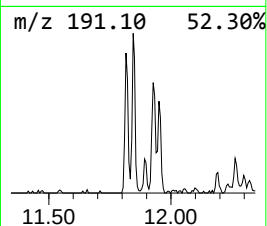
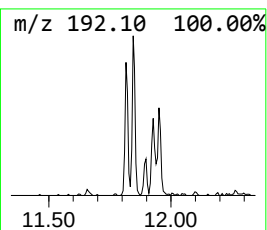
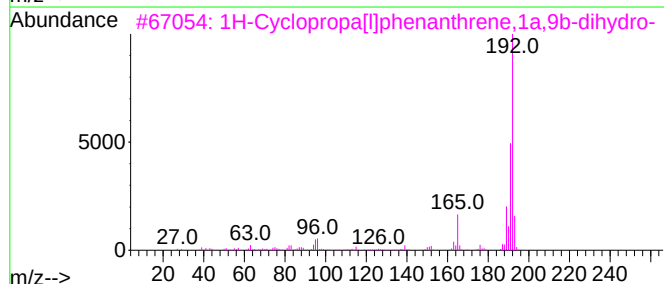
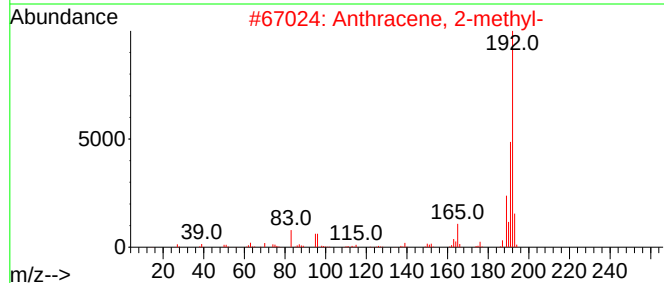
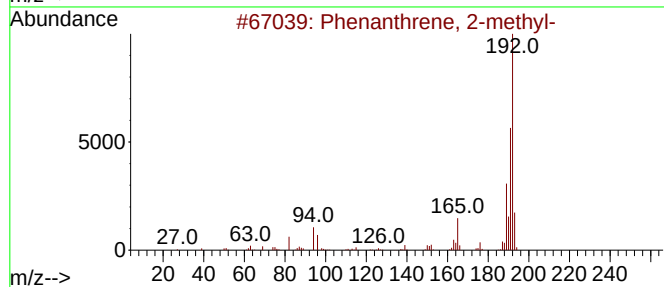
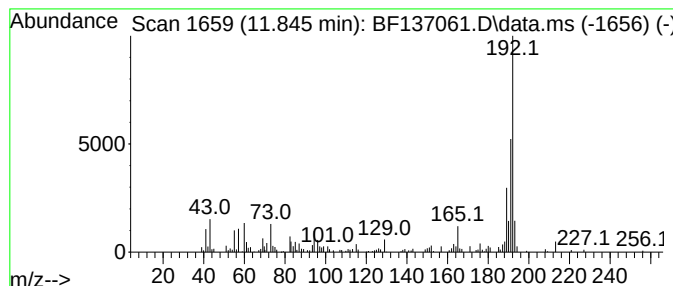
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	7.03 ng	129847	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
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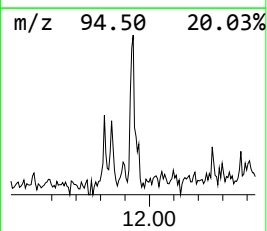
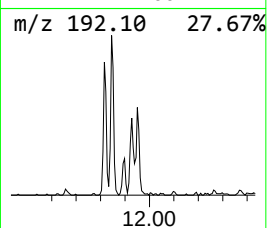
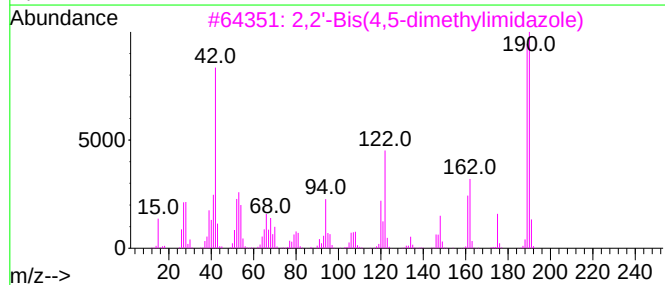
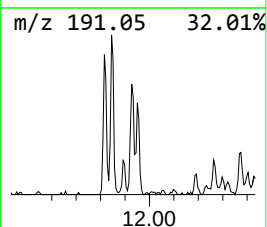
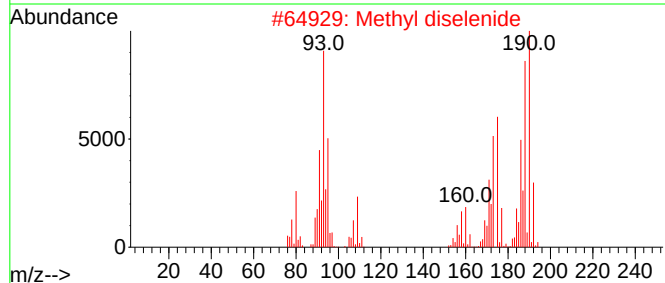
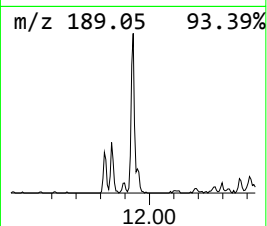
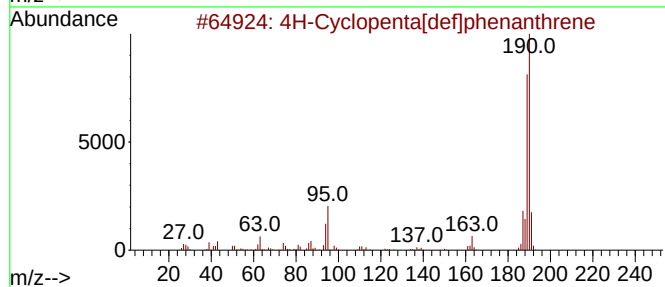
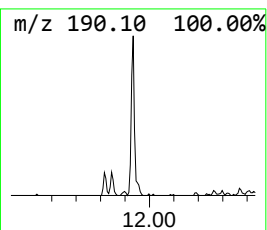
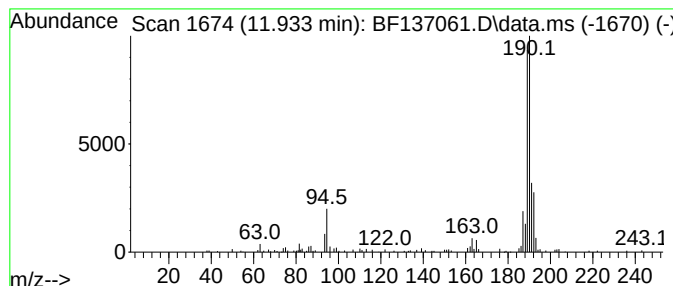
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.933	6.60 ng	121870	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	76
2	Methyl diselenide		190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45
4	Cyclohexanone, 2-(2-furanylmethy...		190	C12H14O2	056053-07-7	27
5	2,4(1H,3H)-Pyrimidinedione, 5-br...		190	C4H3BrN2O2	000051-20-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
Operator : CG\JU
Sample : 05789-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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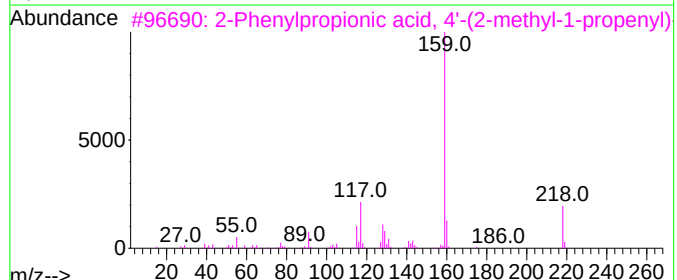
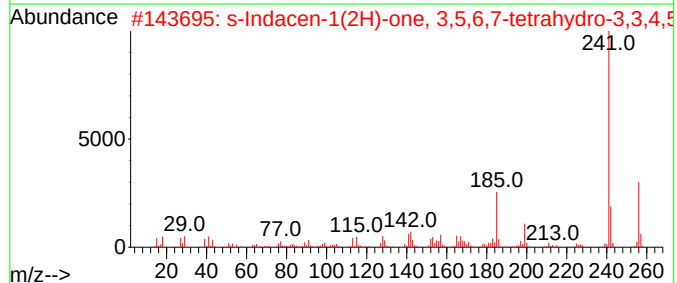
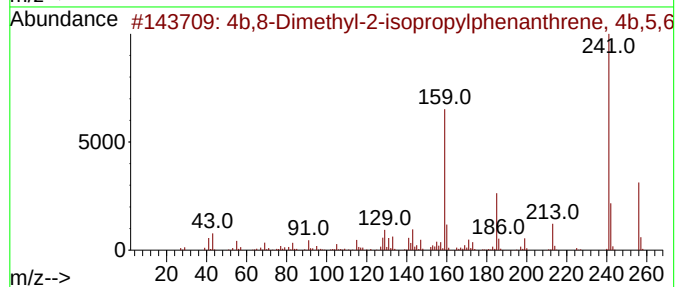
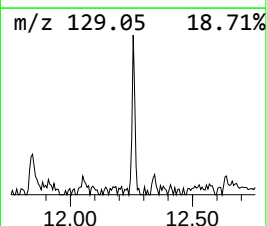
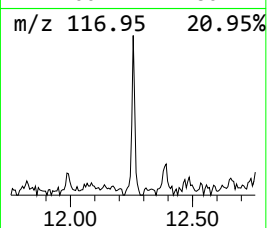
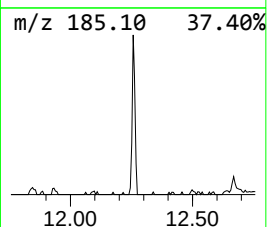
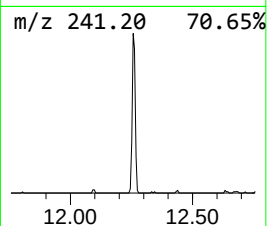
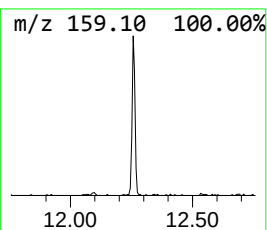
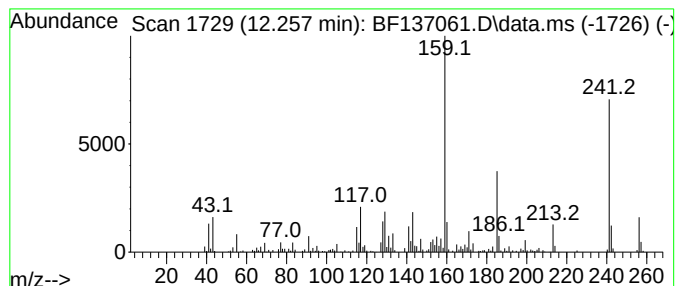
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	9.11 ng	168148	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	99
2			s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	60
3			2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	43
4			Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43
5			1,3-Dioxolane-2,2-diacetic acid,...	246	C11H18O6	071022-90-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
Operator : CG\JU
Sample : 05789-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

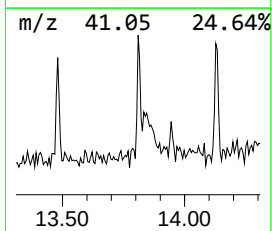
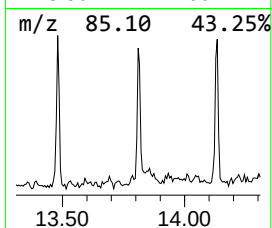
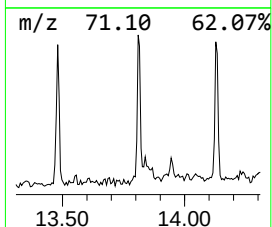
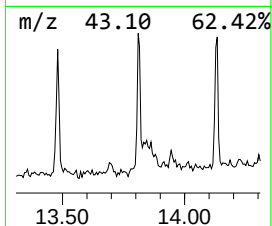
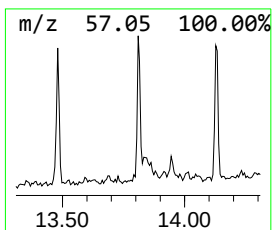
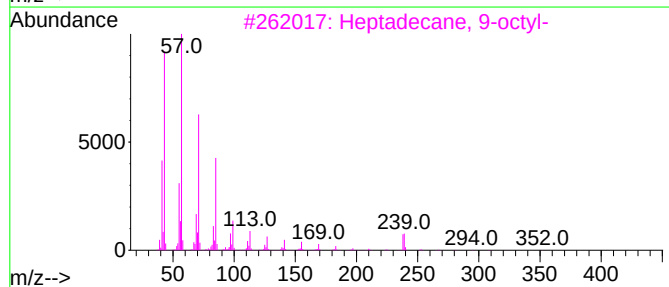
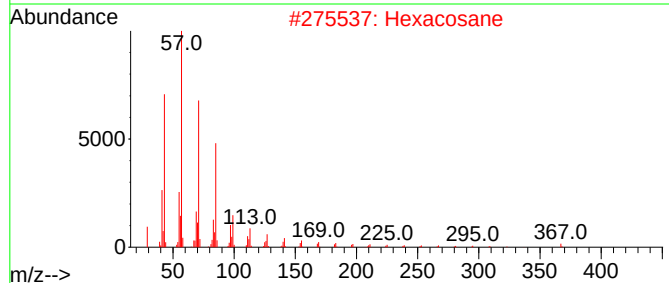
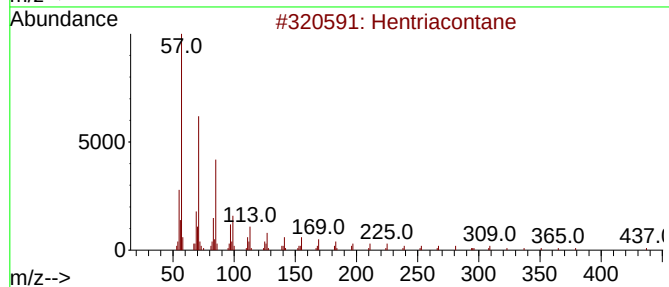
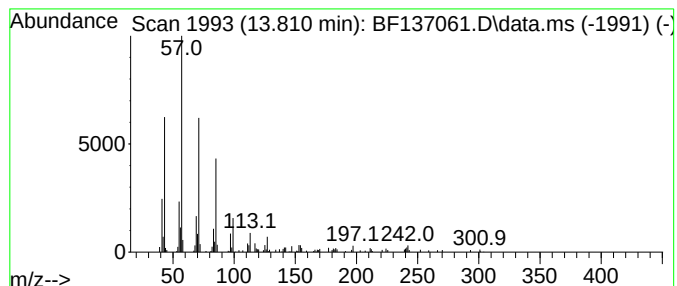
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hentriacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.810	4.06 ng	134150	Chrysene-d12	13.974	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
Operator : CG\JU
Sample : 05789-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E8965C-5-001

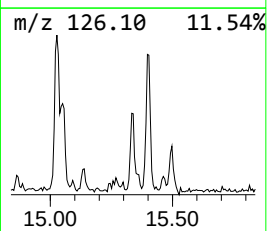
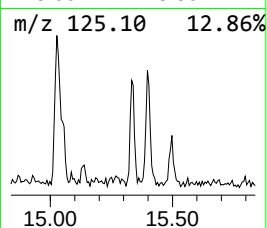
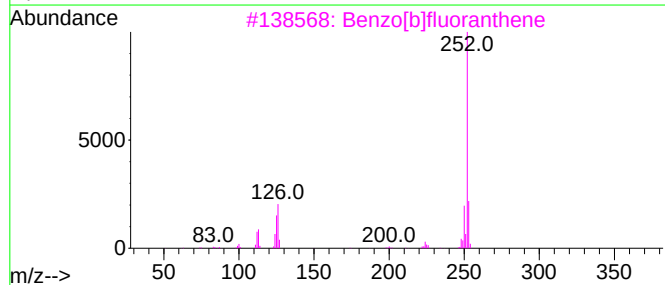
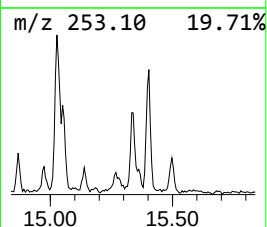
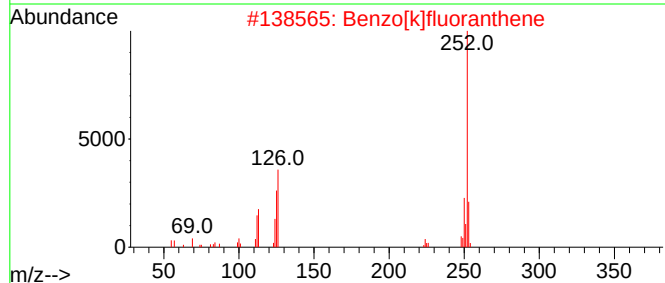
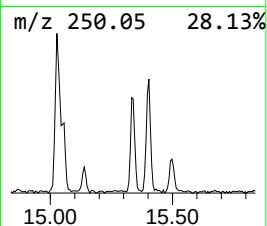
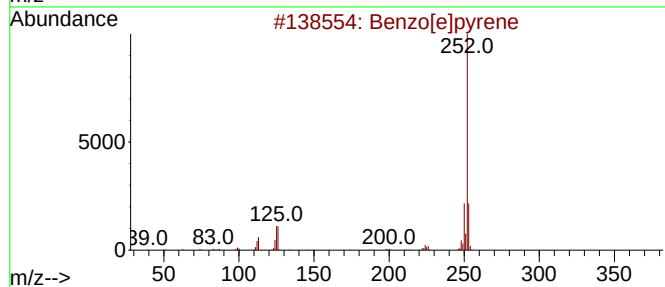
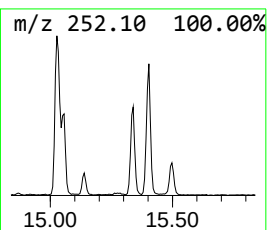
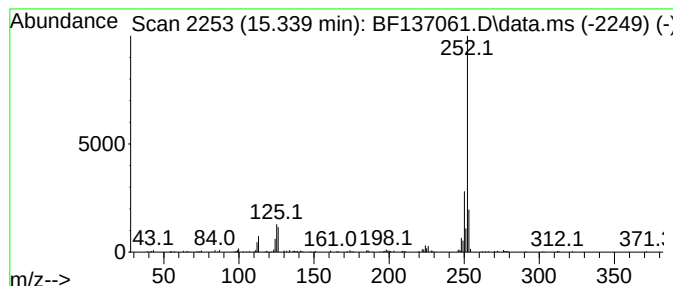
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	7.20 ng	142967	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
Data File : BF137061.D
Acq On : 15 Jan 2024 14:13
Operator : CG\JU
Sample : 05789-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E8965C-5-001

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
3-Hexen-2-one	4.398	17.6	ng	277865	1	6.781	315464	20.0
2-Pentanone, 4-...	5.040	125.0	ng	1972110	1	6.781	315464	20.0
Benzene, 1-ethy...	6.310	11.0	ng	173221	1	6.781	315464	20.0
Benzene, 1-ethy...	6.339	4.7	ng	73482	1	6.781	315464	20.0
Mesitylene	6.610	26.9	ng	424853	1	6.781	315464	20.0
Benzene, 1-ethy...	6.839	7.4	ng	116237	1	6.781	315464	20.0
Indane	6.957	4.5	ng	70662	1	6.781	315464	20.0
unknown7.051	7.051	5.6	ng	87951	1	6.781	315464	20.0
o-Cymene	7.098	10.2	ng	160344	1	6.781	315464	20.0
unknown7.804	7.804	5.1	ng	99311	2	8.063	390444	20.0
Naphthalene, 1,...	7.898	7.0	ng	135597	2	8.063	390444	20.0
Stannane, tribu...	10.445	11.3	ng	230493	3	9.816	407387	20.0
[1,1'-Biphenyl]...	10.527	4.0	ng	80649	3	9.816	407387	20.0
unknown10.569	10.569	4.8	ng	88117	4	11.316	369269	20.0
Phenanthrene, 2...	11.845	7.0	ng	129847	4	11.316	369269	20.0
4H-Cyclopenta[d...	11.933	6.6	ng	121870	4	11.316	369269	20.0
4b,8-Dimethyl-2...	12.257	9.1	ng	168148	4	11.316	369269	20.0
Hentriacontane	13.810	4.1	ng	134150	5	13.974	661328	20.0
Benzo[e]pyrene	15.339	7.2	ng	142967	6	15.468	396896	20.0