

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124649.D
 Acq On : 21 Jul 2021 3:07
 Operator : JU/CG
 Sample : M3051-08 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41213

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-BF070721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124649.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	15	18	21	rBB	4766	4901	7.37%	0.511%
2	5.510	578	582	585	rBB	71720	57772	86.92%	6.026%
3	6.516	749	753	756	rBB	75205	61532	92.57%	6.418%
4	6.904	816	819	822	rBB	56949	42933	64.59%	4.478%
5	7.463	910	914	916	rBB	48228	38530	57.97%	4.019%
6	8.081	1017	1019	1022	rBB	18589	14877	22.38%	1.552%
7	8.186	1034	1037	1040	rBV	73702	56556	85.09%	5.899%
8	9.204	1208	1210	1212	rBB	3160	2152	3.24%	0.224%
9	9.263	1217	1220	1223	rBB	92771	66468	100.00%	6.933%
10	9.663	1284	1288	1292	rVV	6472	6700	10.08%	0.699%
11	9.851	1315	1320	1321	rBV3	1408	2065	3.11%	0.215%
12	9.945	1328	1336	1339	rVB2	74890	60944	91.69%	6.357%
13	9.974	1339	1341	1345	rVB2	2271	1994	3.00%	0.208%
14	10.098	1358	1362	1366	rBV3	1888	2948	4.44%	0.307%
15	10.133	1366	1368	1371	rBV	2258	2073	3.12%	0.216%
16	10.198	1375	1379	1382	rBV2	2520	3777	5.68%	0.394%
17	10.257	1386	1389	1392	rBV2	1724	1820	2.74%	0.190%
18	10.310	1395	1398	1402	rBV3	1934	2645	3.98%	0.276%
19	10.357	1402	1406	1411	rBV3	3002	4322	6.50%	0.451%
20	10.404	1411	1414	1416	rBV3	3779	2701	4.06%	0.282%
21	10.492	1424	1429	1433	rVB4	3829	5575	8.39%	0.581%
22	10.592	1440	1446	1450	rBV2	11270	14663	22.06%	1.529%
23	10.639	1452	1454	1458	rVB3	2057	2486	3.74%	0.259%
24	10.727	1465	1469	1472	rBV	35440	26729	40.21%	2.788%
25	10.786	1476	1479	1481	rVB4	2578	2595	3.90%	0.271%
26	10.822	1481	1485	1487	rBV3	1679	2353	3.54%	0.245%
27	10.857	1487	1491	1495	rBV	21327	22860	34.39%	2.384%
28	10.933	1502	1504	1507	rVB2	2484	2825	4.25%	0.295%
29	10.963	1507	1509	1511	rBV2	1697	1795	2.70%	0.187%
30	10.992	1511	1514	1516	rBV2	1999	2387	3.59%	0.249%
31	11.039	1518	1522	1523	rBV3	3074	2854	4.29%	0.298%
32	11.069	1524	1527	1530	rVB4	2805	3670	5.52%	0.383%
33	11.145	1535	1540	1542	rVB4	1694	2718	4.09%	0.283%
34	11.169	1542	1544	1546	rBV3	2205	2290	3.45%	0.239%
35	11.269	1559	1561	1562	rBV2	2078	1755	2.64%	0.183%
36	11.321	1566	1570	1574	rBV2	13171	15633	23.52%	1.631%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.433	1586	1589	1591	rBV	49877	39557	59.51%	4.126%
38	11.457	1591	1593	1596	rVB	12216	10306	15.51%	1.075%
39	11.539	1605	1607	1610	rBV5	2159	2090	3.14%	0.218%
40	11.633	1620	1623	1627	rVV	19952	24012	36.13%	2.504%
41	11.674	1627	1630	1633	rVB5	4748	5222	7.86%	0.545%
42	11.768	1644	1646	1648	rBV2	2338	1796	2.70%	0.187%
43	11.868	1660	1663	1665	rBV3	2635	3095	4.66%	0.323%
44	11.951	1675	1677	1681	rVB2	6890	7045	10.60%	0.735%
45	12.045	1690	1693	1695	rVV4	3897	3032	4.56%	0.316%
46	12.098	1701	1702	1705	rBV3	2039	2030	3.05%	0.212%
47	12.127	1705	1707	1710	rVB2	4089	3141	4.73%	0.328%
48	12.410	1752	1755	1758	rVB4	4262	3714	5.59%	0.387%
49	12.480	1764	1767	1770	rVB2	4432	5353	8.05%	0.558%
50	12.516	1770	1773	1775	rBV3	1513	1675	2.52%	0.175%
51	12.639	1792	1794	1800	rVV	8708	9805	14.75%	1.023%
52	12.704	1803	1805	1807	rBV	2068	1684	2.53%	0.176%
53	12.733	1807	1810	1812	rBV2	2696	2671	4.02%	0.279%
54	12.792	1818	1820	1822	rBV2	1780	1718	2.58%	0.179%
55	12.874	1829	1834	1835	rBV	21234	19966	30.04%	2.082%
56	12.892	1835	1837	1841	rVB	21758	20179	30.36%	2.105%
57	13.015	1853	1858	1863	rVB	54842	45422	68.34%	4.738%
58	13.215	1890	1892	1894	rVV2	3479	2717	4.09%	0.283%
59	13.245	1894	1897	1899	rVB2	2682	2367	3.56%	0.247%
60	13.268	1899	1901	1903	rBV2	2857	1928	2.90%	0.201%
61	13.368	1914	1918	1921	rBV3	2849	4011	6.03%	0.418%
62	13.398	1921	1923	1926	rVB3	2158	2280	3.43%	0.238%
63	13.427	1926	1928	1931	rVB3	3483	3046	4.58%	0.318%
64	13.468	1931	1935	1937	rBV3	2181	3033	4.56%	0.316%
65	13.521	1937	1944	1946	rBV2	5762	6236	9.38%	0.650%
66	13.592	1952	1956	1958	rVB2	4078	4720	7.10%	0.492%
67	13.704	1971	1975	1979	rBV3	2518	3661	5.51%	0.382%
68	13.839	1996	1998	2000	rVV3	2023	2417	3.64%	0.252%
69	13.862	2000	2002	2006	rVV	10167	9345	14.06%	0.975%
70	13.910	2006	2010	2018	rVB3	6876	11112	16.72%	1.159%
71	14.021	2025	2029	2030	rBV3	3449	3742	5.63%	0.390%
72	14.039	2030	2032	2034	rVV2	4424	3707	5.58%	0.387%
73	14.068	2034	2037	2040	rVV	32845	32202	48.45%	3.359%
74	14.098	2040	2042	2044	rVV3	4074	3196	4.81%	0.333%
75	14.121	2044	2046	2048	rVV2	2089	2501	3.76%	0.261%
76	14.227	2062	2064	2068	rBV2	4799	5420	8.15%	0.565%

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 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 >
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77	14.368	2085	2088	2089	rBV2	2140	1869	2.81%	0.195%
78	14.386	2089	2091	2094	rBV3	1785	1951	2.94%	0.203%
79	14.539	2113	2117	2119	rBV2	3592	3679	5.53%	0.384%
80	14.639	2131	2134	2138	rVB6	2273	3137	4.72%	0.327%
81	14.851	2167	2170	2172	rVB3	3685	3113	4.68%	0.325%
82	14.933	2179	2184	2186	rBV5	4096	4842	7.28%	0.505%
83	15.121	2213	2216	2219	rBV5	2189	2474	3.72%	0.258%
84	15.198	2225	2229	2232	rBV3	3519	4976	7.49%	0.519%
85	15.421	2261	2267	2269	rBV5	1496	2228	3.35%	0.232%
86	15.556	2286	2290	2293	rBV	17244	19935	29.99%	2.079%
87	15.592	2293	2296	2300	rVB2	3418	4703	7.08%	0.491%
88	15.768	2323	2326	2329	rVB4	1708	2175	3.27%	0.227%
89	15.845	2337	2339	2342	rVV3	1610	2029	3.05%	0.212%
90	15.909	2345	2350	2351	rVV2	1648	2328	3.50%	0.243%
91	16.280	2407	2413	2414	rVV3	1544	2473	3.72%	0.258%
92	16.292	2414	2415	2421	rVV4	2868	4389	6.60%	0.458%
93	16.351	2424	2425	2431	rVB3	1627	1959	2.95%	0.204%
94	16.539	2452	2457	2458	rBV	2263	2954	4.44%	0.308%
95	16.568	2459	2462	2466	rVV3	3265	4399	6.62%	0.459%
96	16.745	2489	2492	2495	rVB2	1980	2460	3.70%	0.257%
97	17.168	2560	2564	2565	rBV2	2186	2484	3.74%	0.259%
98	17.333	2590	2592	2595	rBV2	1550	2044	3.08%	0.213%
99	17.892	2683	2687	2690	rBV4	1532	2082	3.13%	0.217%
100	18.427	2774	2778	2780	rBV	1307	2020	3.04%	0.211%

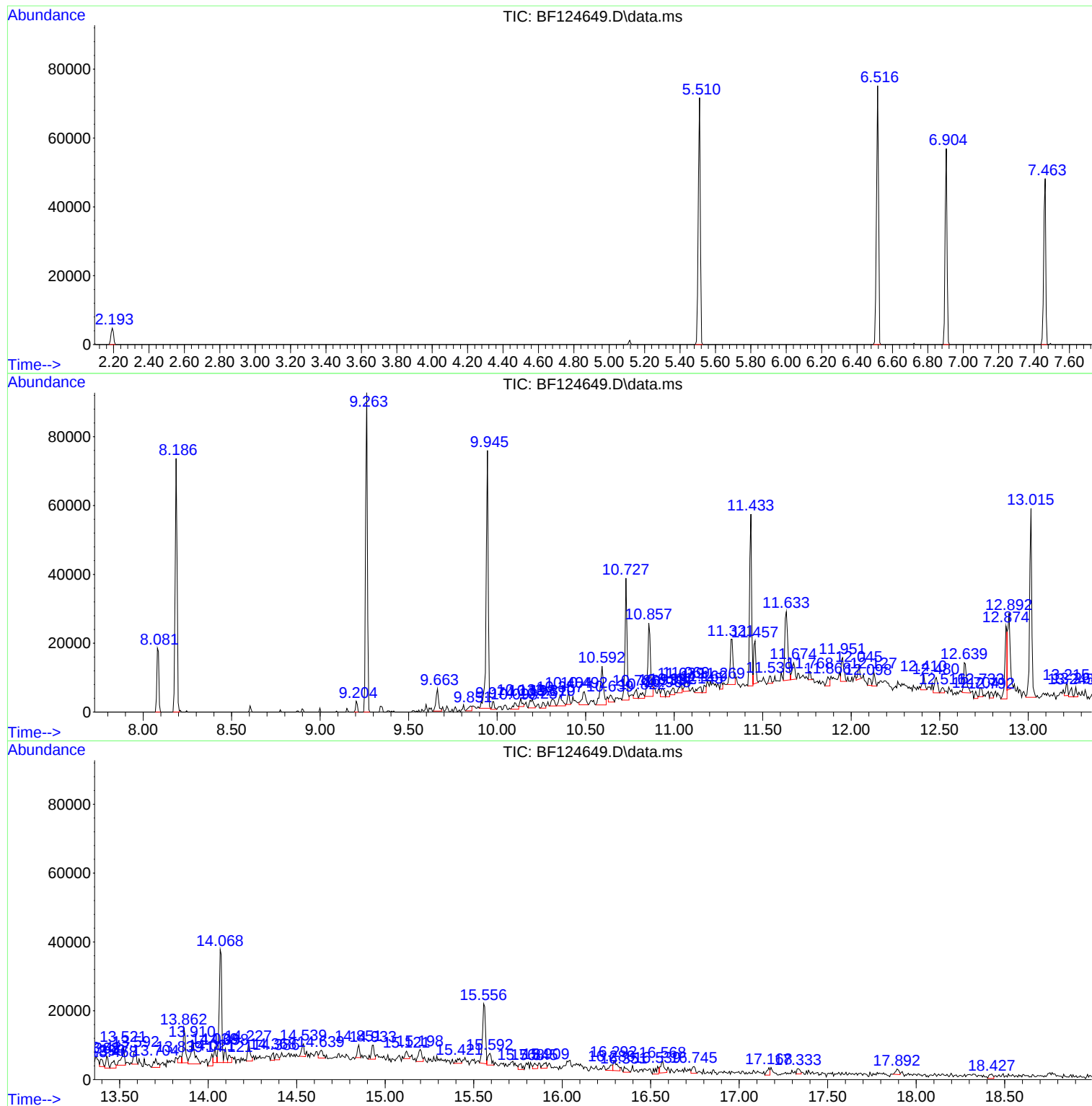
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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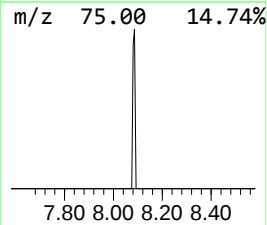
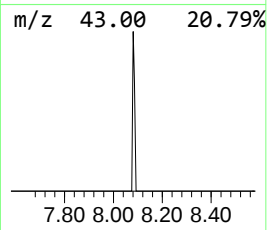
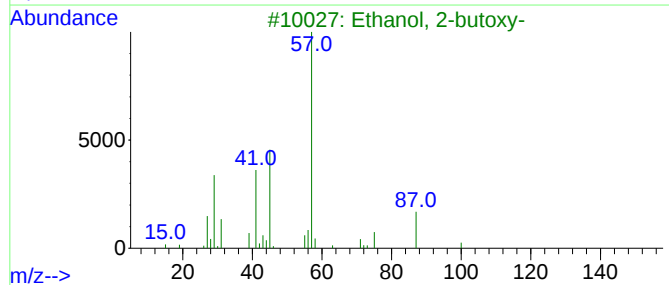
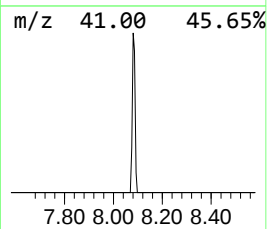
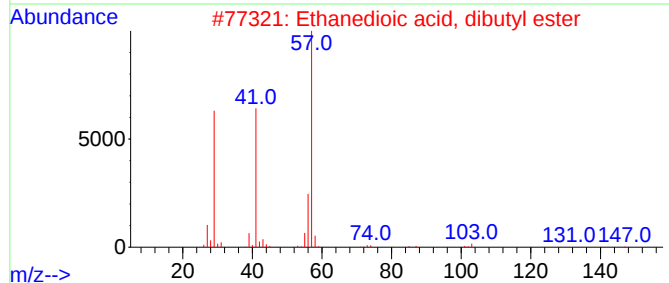
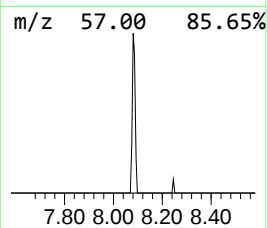
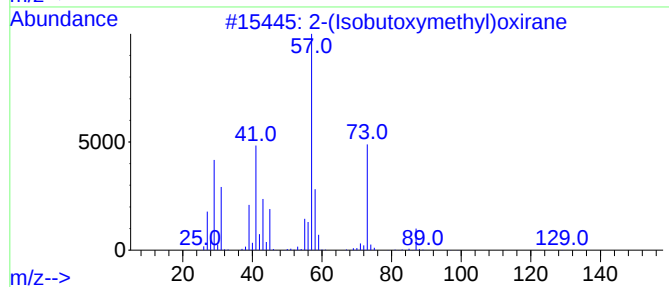
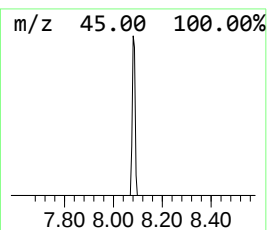
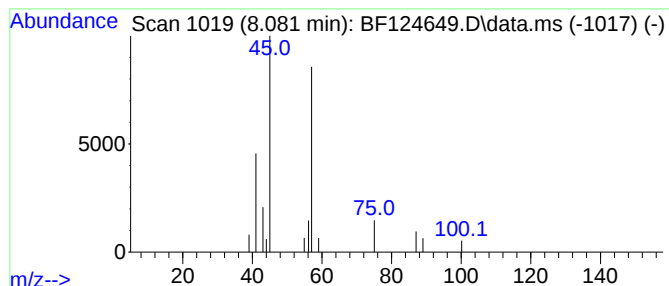
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.081 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.081	5.26 ng	14877	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Isobutoxymethyl)oxirane		130	C7H14O2	003814-55-9	10	
2	Ethanedioic acid, dibutyl ester		202	C10H18O4	002050-60-4	9	
3	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	9	
4	o-tert-Butylhydroxylamine		89	C4H11NO	1000322-43-1	7	
5	E-1-Methoxy-3-pentene		100	C6H12O	018059-22-8	5	



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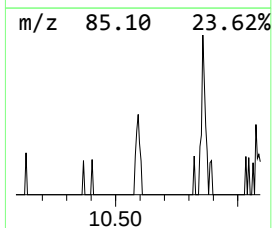
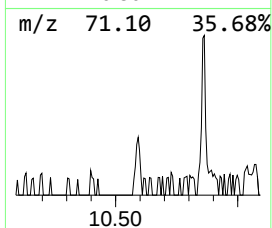
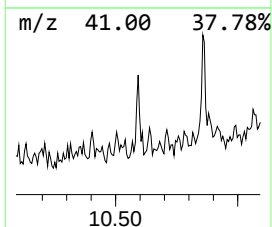
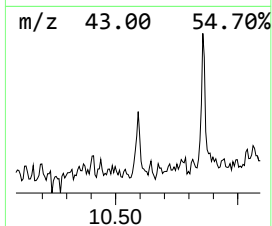
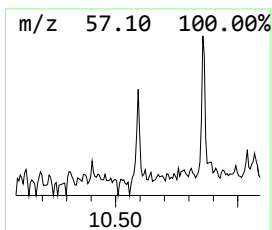
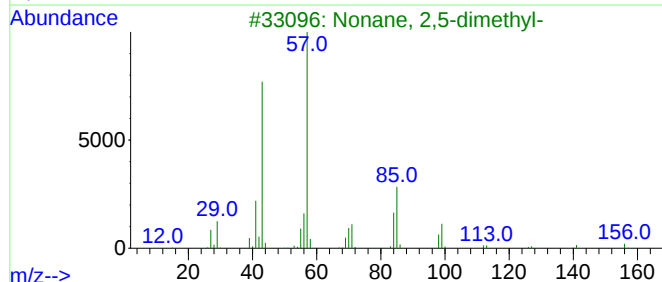
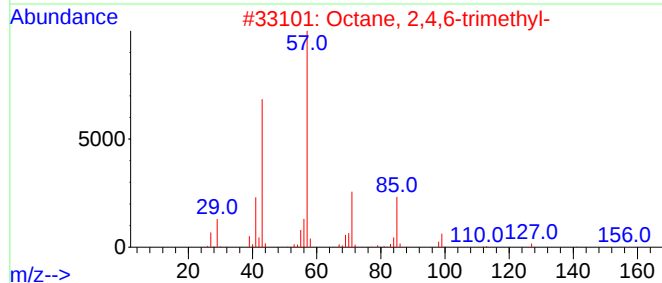
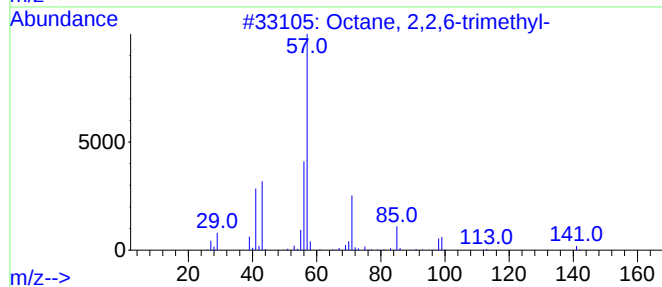
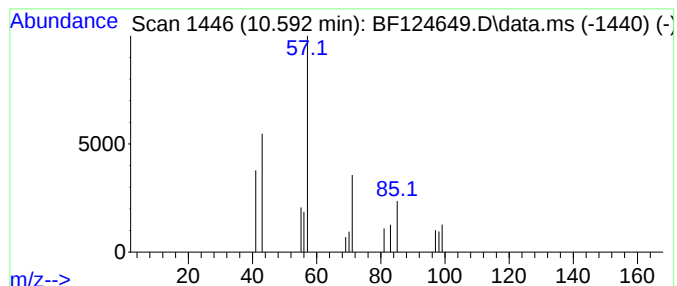
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Octane, 2,2,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	4.81 ng	14663	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
3			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	47
4			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43
5			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	42



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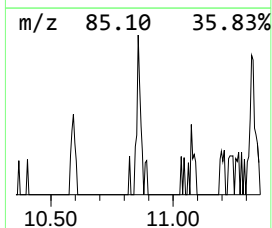
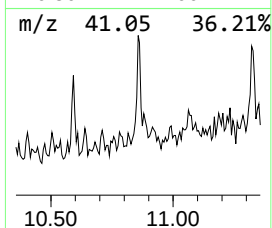
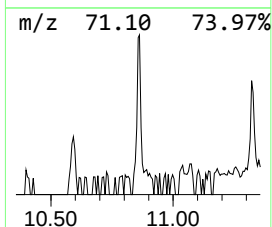
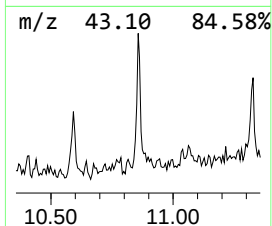
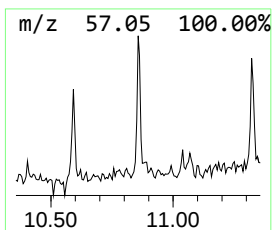
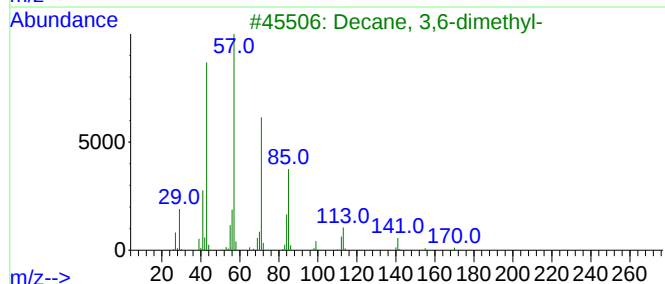
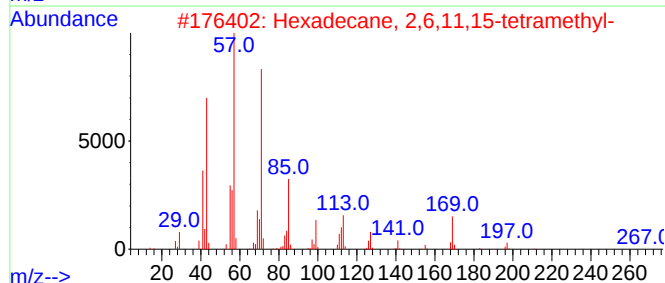
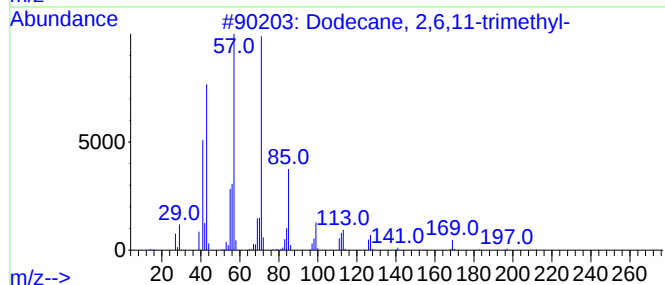
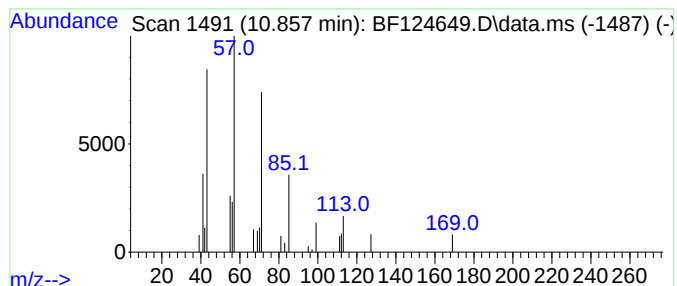
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	11.56 ng	22860	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



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Data File : BF124649.D
Acq On : 21 Jul 2021 3:07
Operator : JU/CG
Sample : M3051-08 2X
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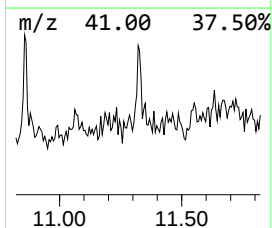
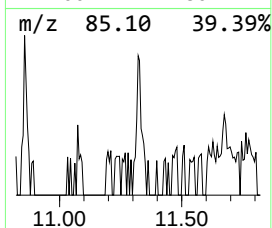
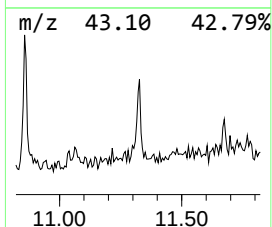
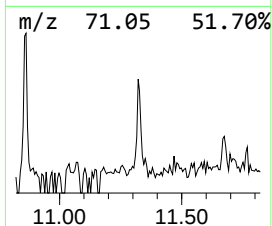
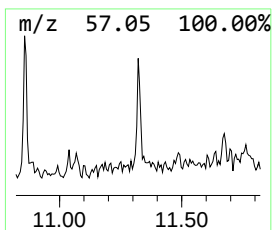
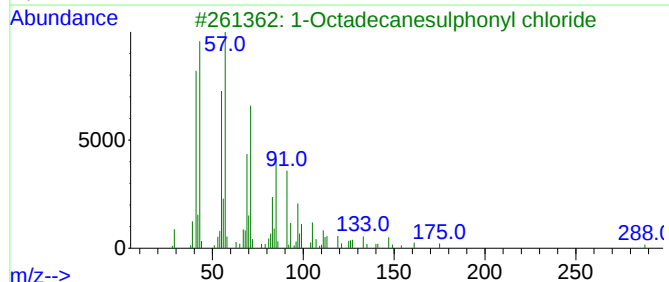
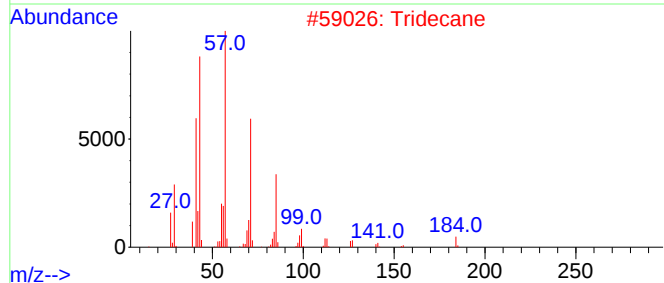
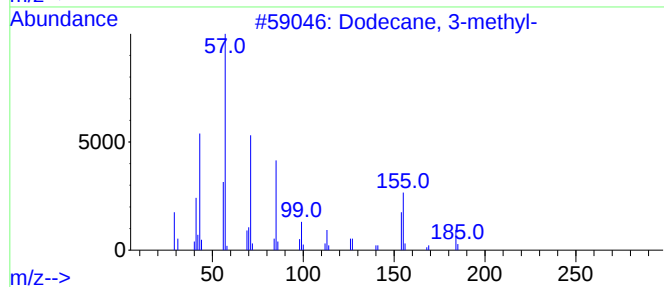
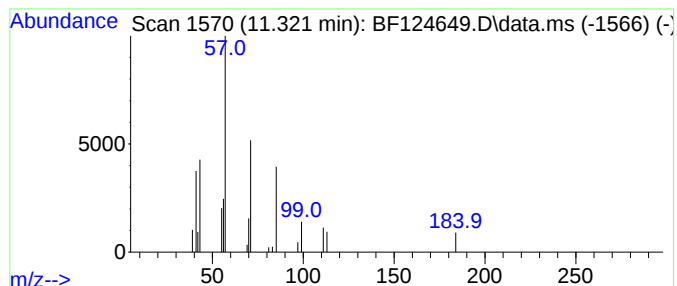
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	7.90 ng	15633	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	87
2			Tridecane	184	C13H28	000629-50-5	80
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	78
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
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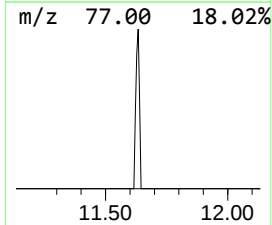
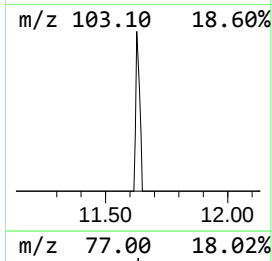
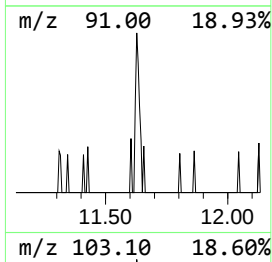
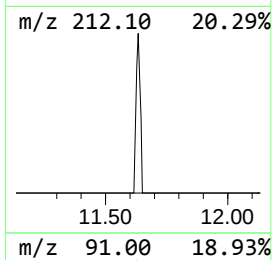
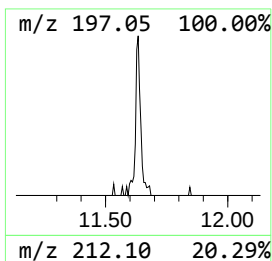
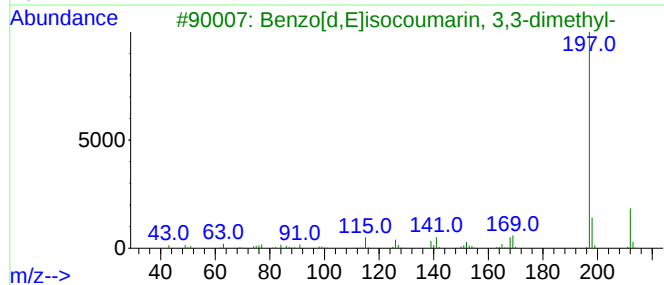
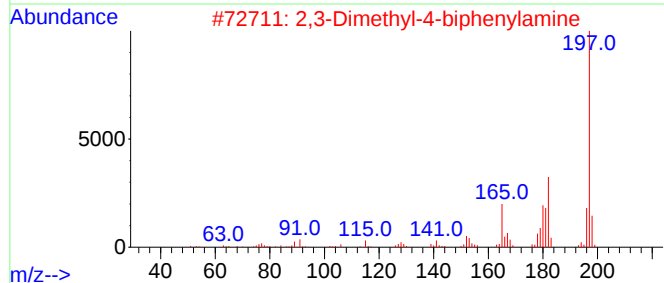
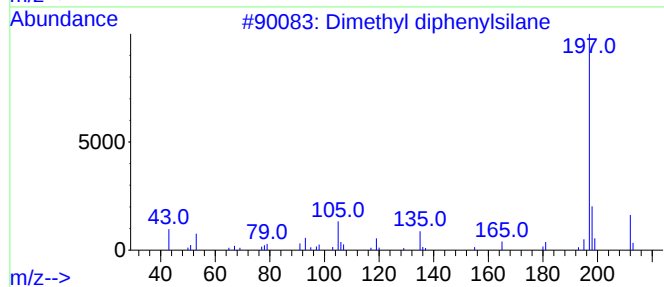
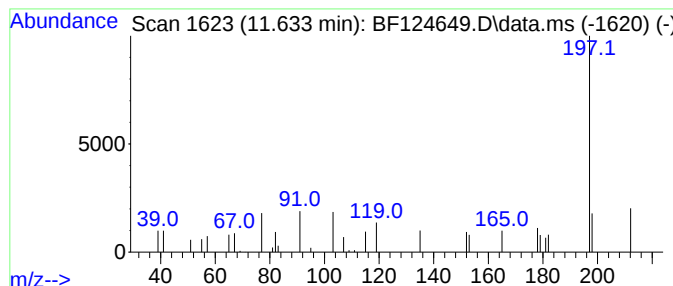
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dimethyl diphenylsilane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	12.14 ng	24012	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	59
2			2,3-Dimethyl-4-biphenylamine	197	C14H15N	022750-87-4	50
3			Benzo[d,E]isocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	40
4			Phenyl-p-tolyl-amine, N-methyl-	197	C14H15N	1000447-00-4	37
5			p,p'-Ditolylamine	197	C14H15N	000620-93-9	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
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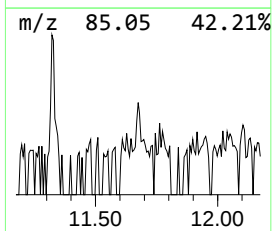
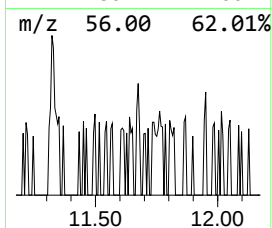
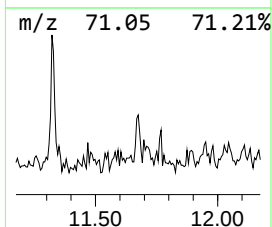
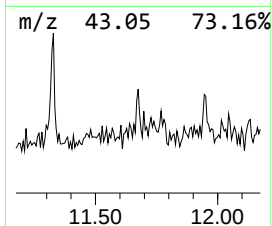
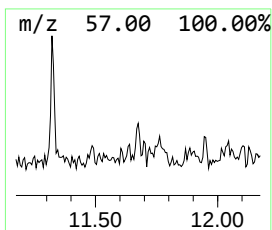
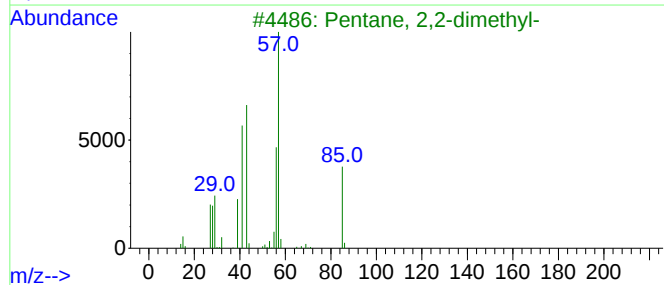
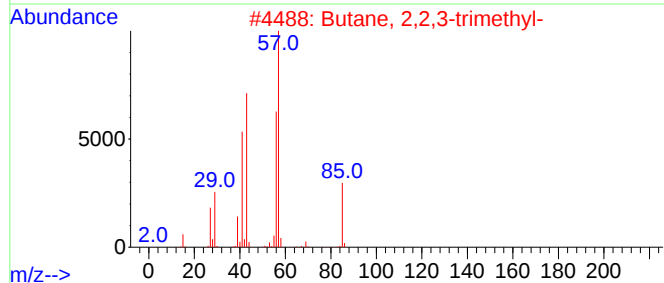
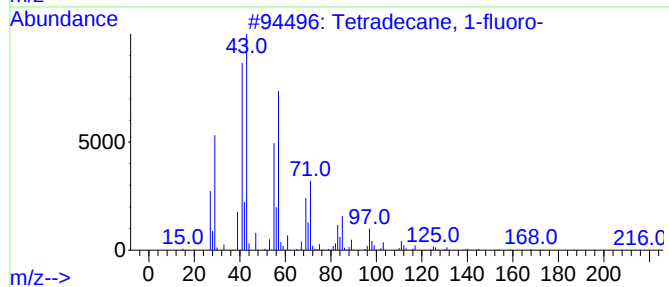
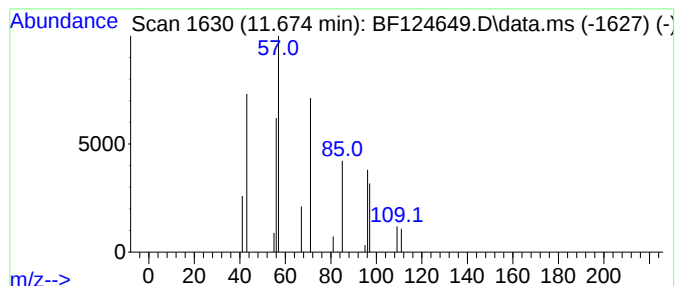
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.674 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.674	2.64 ng	5222	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	33
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	25
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	17
4			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	9
5			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
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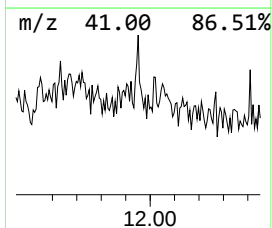
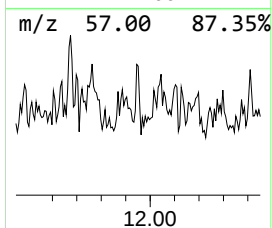
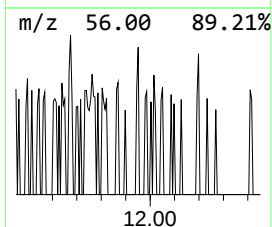
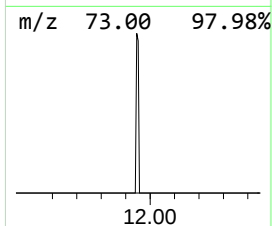
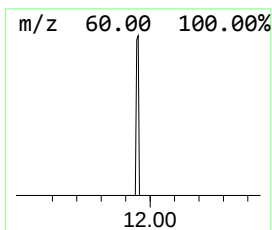
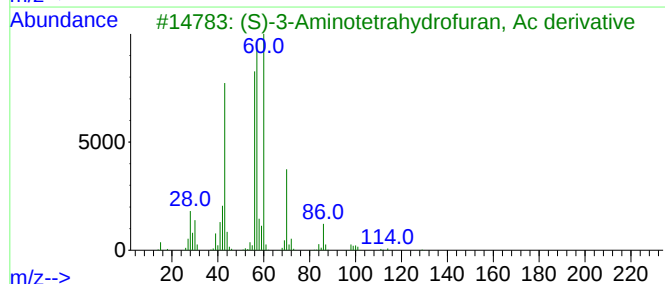
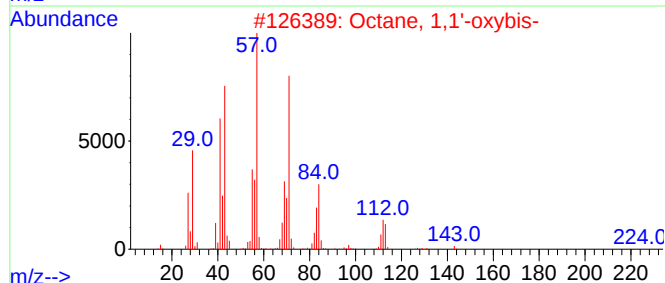
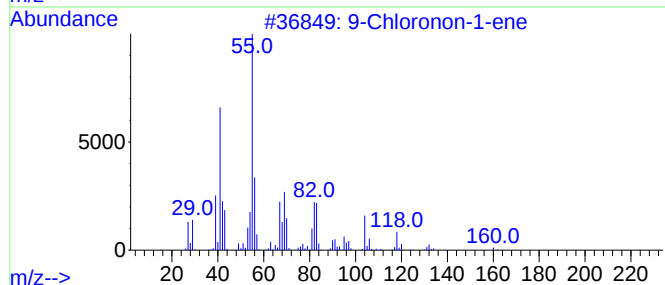
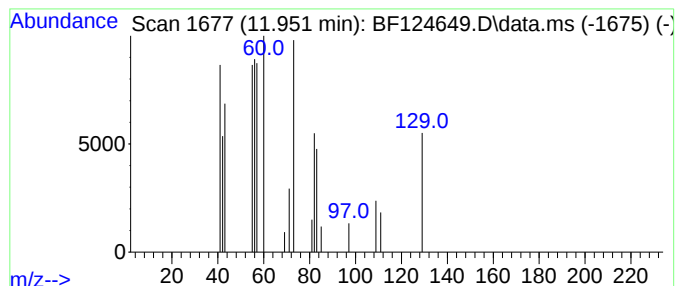
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.951 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	3.56 ng	7045	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Chloronon-1-ene	160	C9H17Cl	000872-06-0	25
2			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	17
3			(S)-3-Aminotetrahydrofuran, Ac d...	129	C6H11NO2	1000496-60-7	17
4			Cyanoic acid, propyl ester	85	C4H7NO	001768-36-1	14
5			N-(3-Methylbutyl)acetamide	129	C7H15NO	013434-12-3	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
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Sample : M3051-08 2X
Misc :
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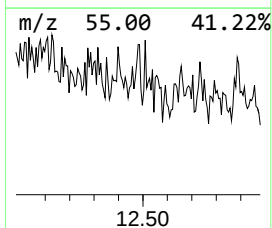
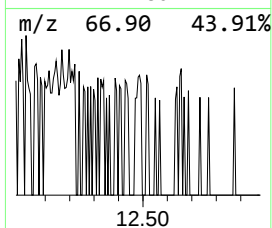
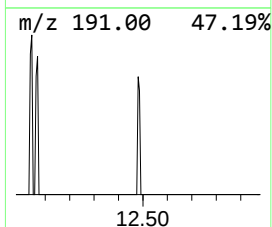
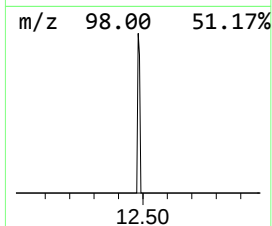
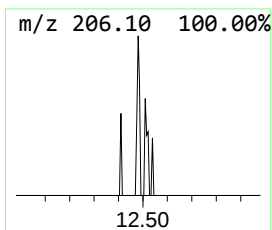
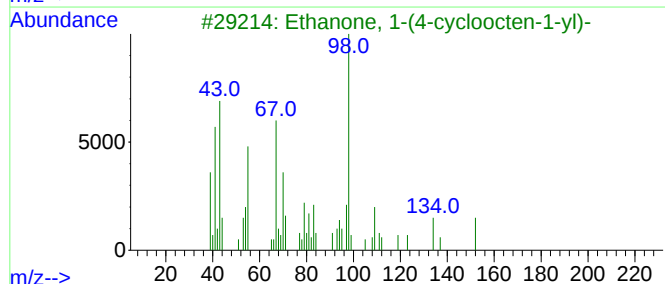
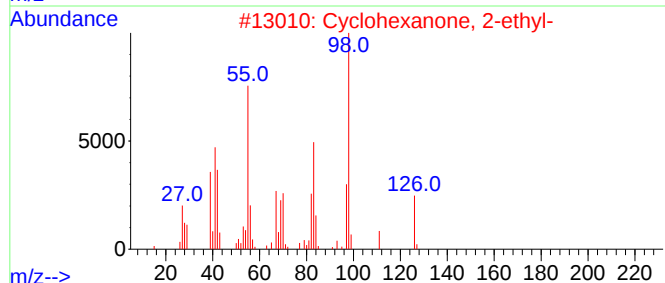
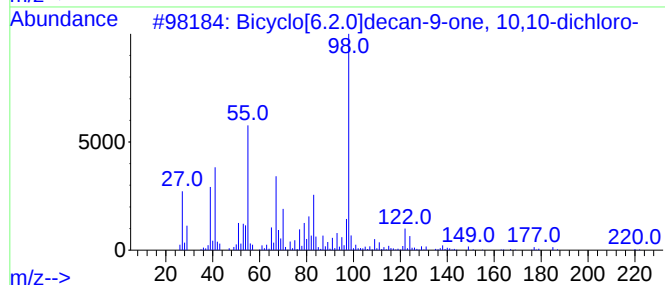
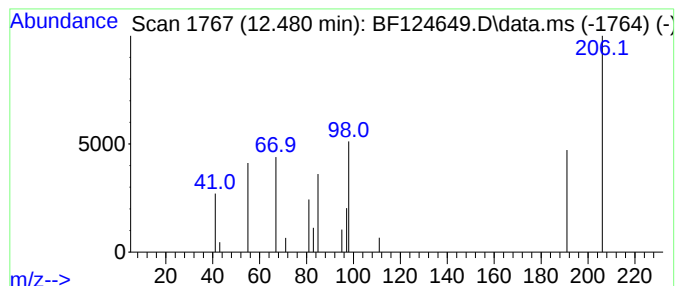
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown12.480 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	2.71 ng	5353	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[6.2.0]decan-9-one, 10,10...	220	C10H14Cl2O	022374-13-6	9
2			Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	9
3			Ethanone, 1-(4-cycloocten-1-yl)-	152	C10H16O	054703-57-0	9
4			Cyclohexanone, 2-butyl-	154	C10H18O	001126-18-7	9
5			2-Furanmethanol	98	C5H6O2	000098-00-0	7



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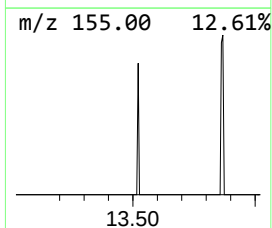
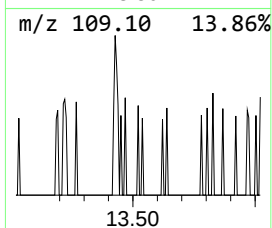
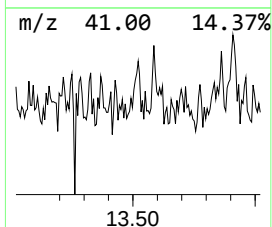
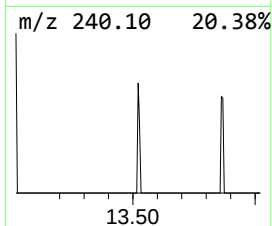
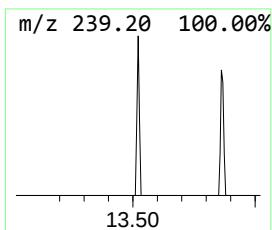
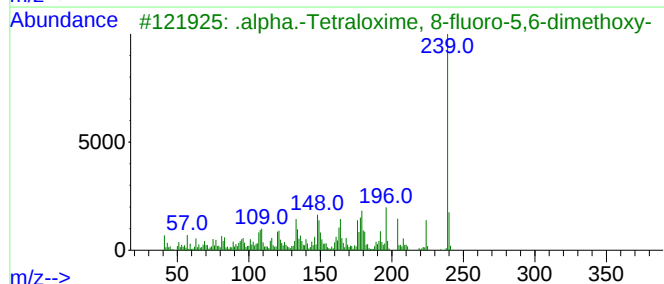
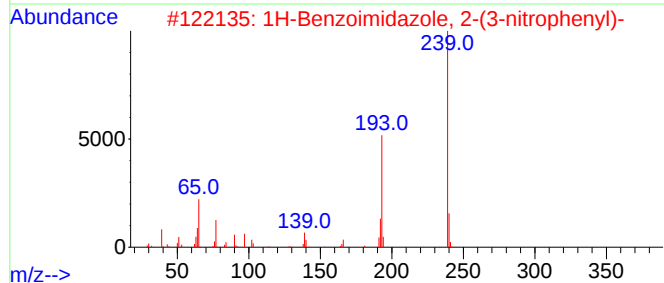
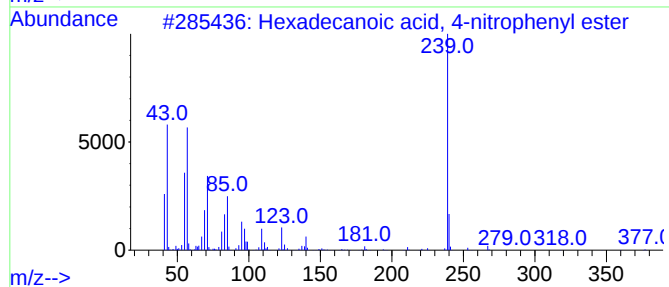
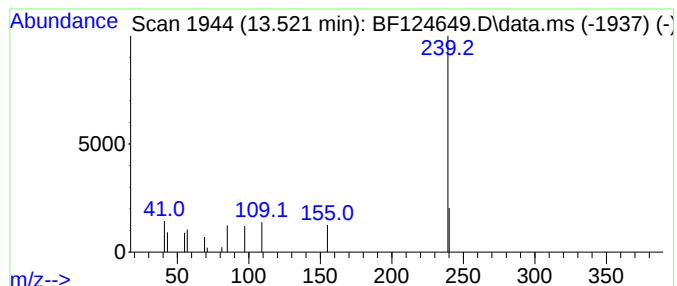
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown13.521 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.521	3.87 ng	6236	Chrysene-d12	14.068	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 4-nitrophenyl...	377	C22H35NO4	001492-30-4	38
2	1H-Benzimidazole, 2-(3-nitrophe...	239	C13H9N3O2	1000305-12-9	9
3	.alpha.-Tetraloxime, 8-fluoro-5,...	239	C12H14FN03	1000125-88-0	9
4	4-Quinolinol, 4-butyldecahydro-1...	239	C15H29NO	037982-04-0	5
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	5



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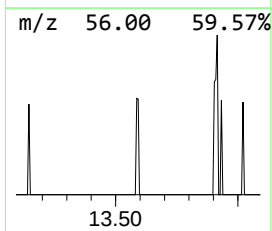
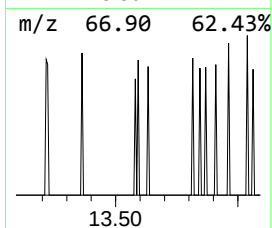
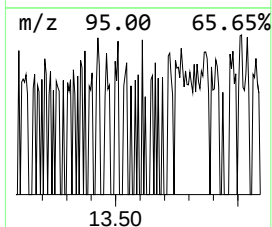
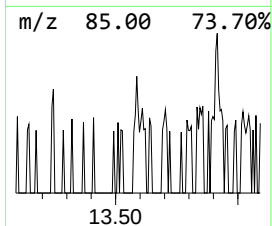
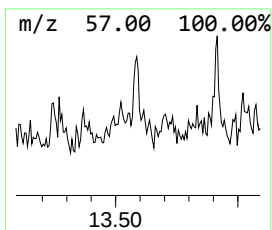
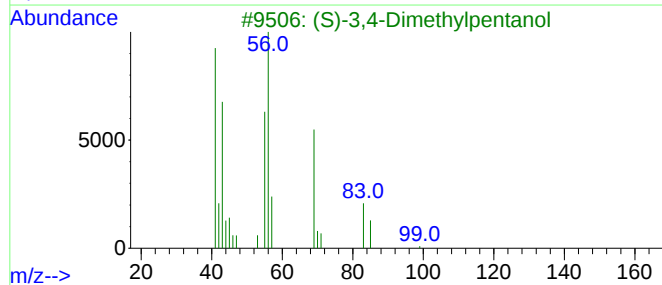
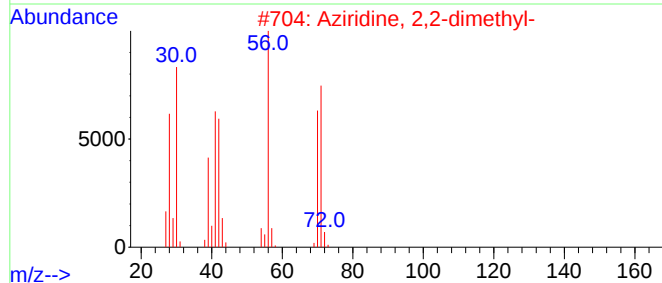
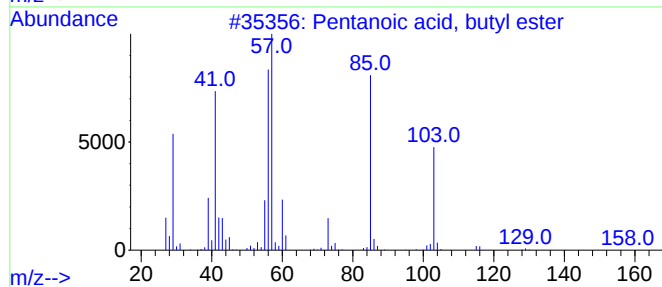
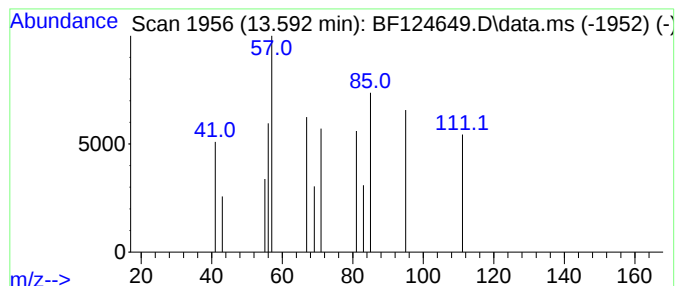
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.592 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	2.93 ng	4720	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	12
2			Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	9
3			(S)-3,4-Dimethylpentanol	116	C7H16O	1000143-83-9	9
4			Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	9
5			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	9



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Acq On : 21 Jul 2021 3:07
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Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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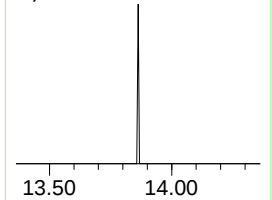
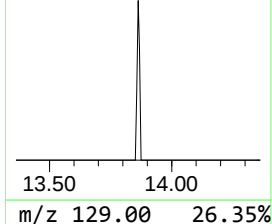
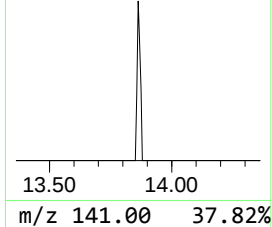
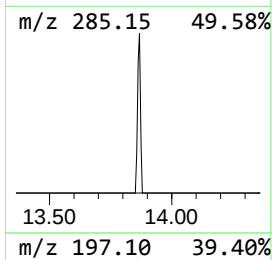
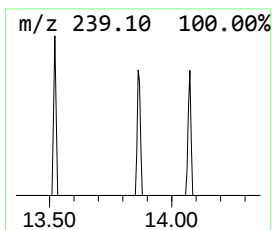
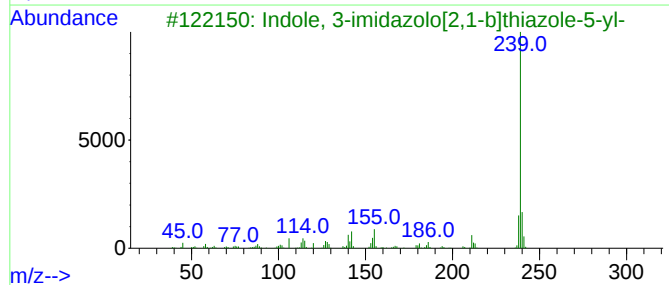
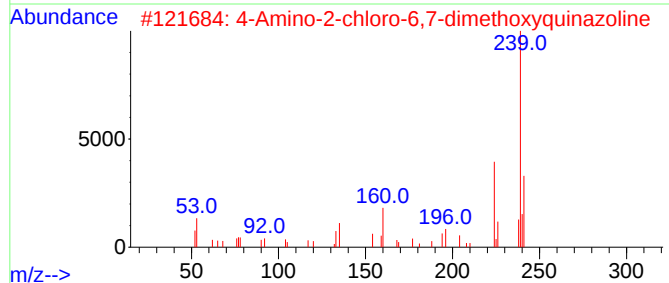
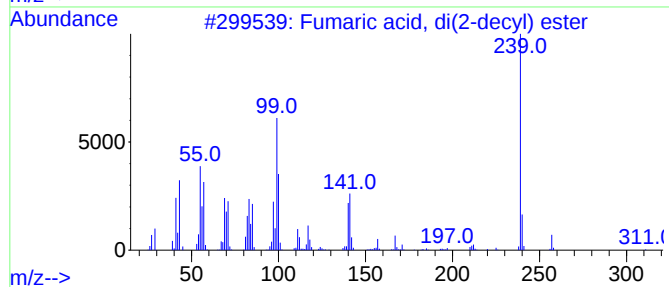
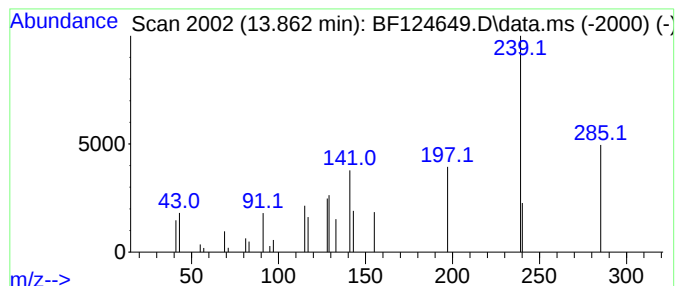
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.863 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	5.80 ng	9345	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fumaric acid, di(2-decyl) ester	396	C24H44O4	1000348-60-1	12
2			4-Amino-2-chloro-6,7-dimethoxyqu...	239	C10H10ClN3O2	023680-84-4	9
3			Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	9
4			.alpha.-Tetraloxime, 8-fluoro-5,...	239	C12H14FNO3	1000125-88-0	9
5			4-Amino-3-(N,N-dimethylamino)-9-...	239	C15H17N3	094127-27-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
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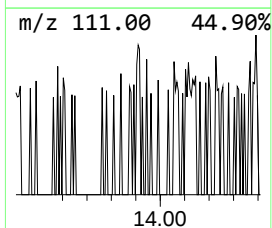
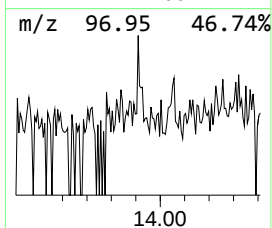
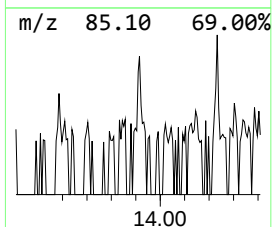
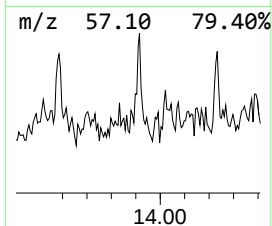
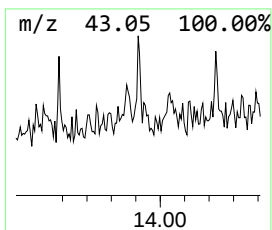
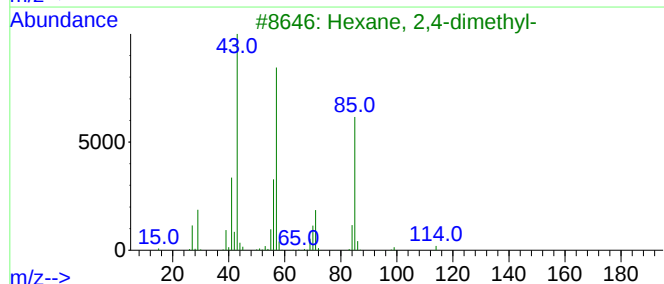
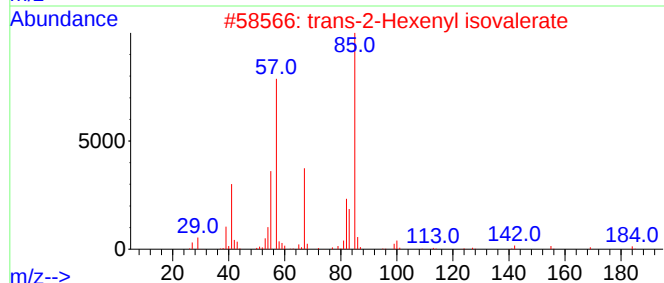
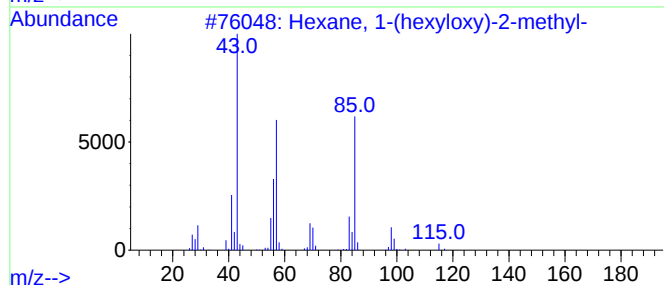
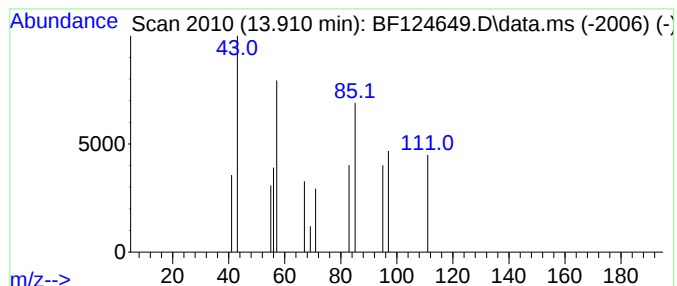
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.910 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	6.90 ng	11112	Chrysene-d12	14.068

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	10	
2	trans-2-Hexenyl isovalerate	184	C11H20O2	068698-59-9	9	
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	9	
4	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	9	
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	9	



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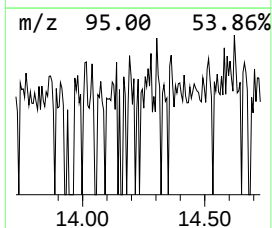
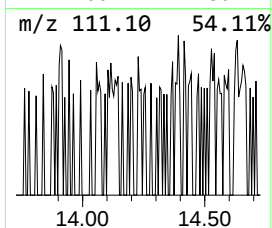
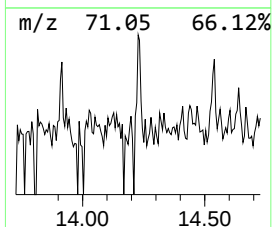
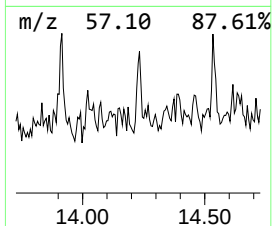
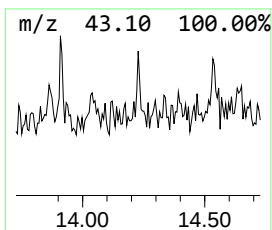
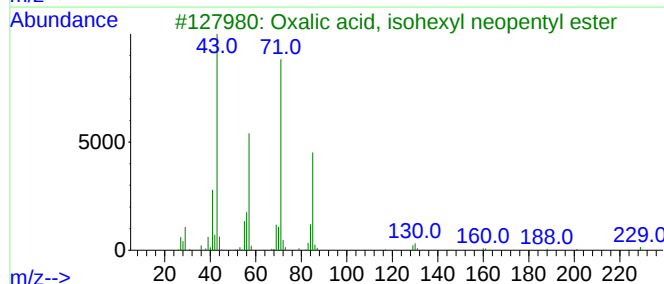
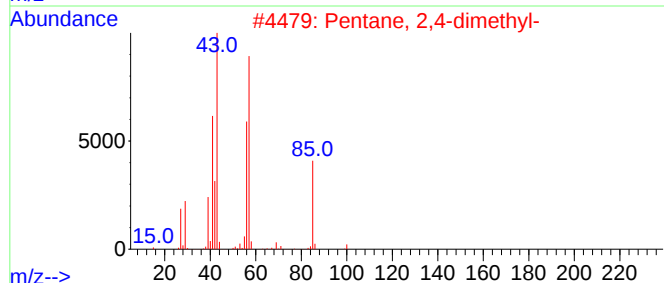
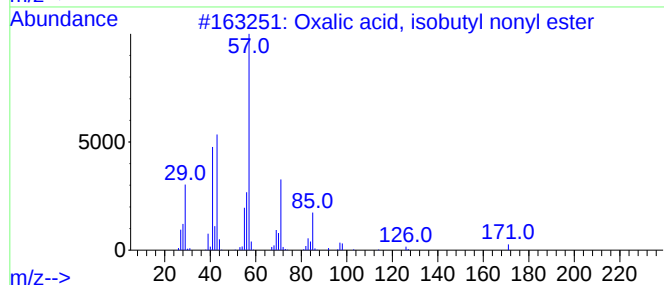
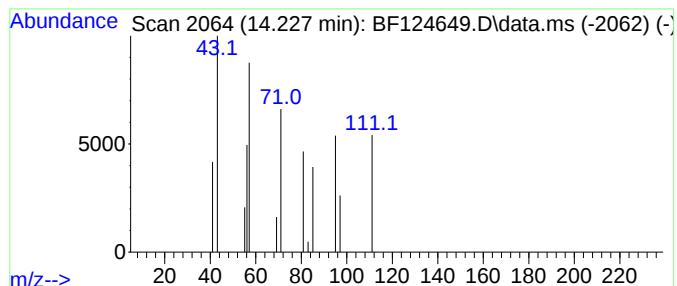
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.227 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.227	3.37 ng	5420	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	23
2			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	16
3			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	12
4			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	10
5			1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
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Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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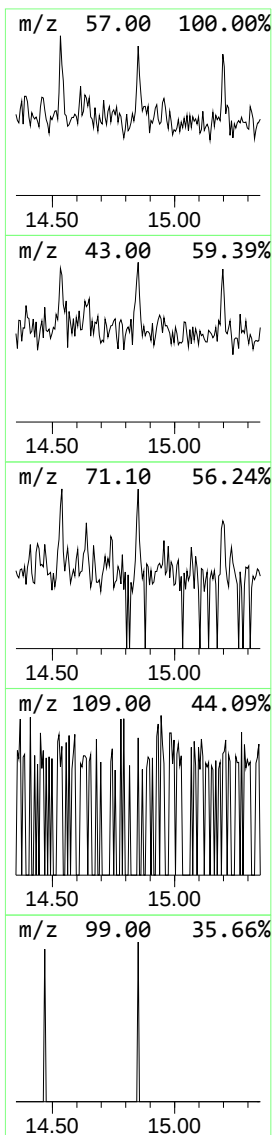
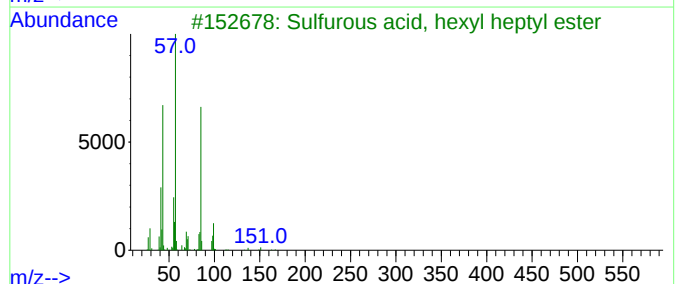
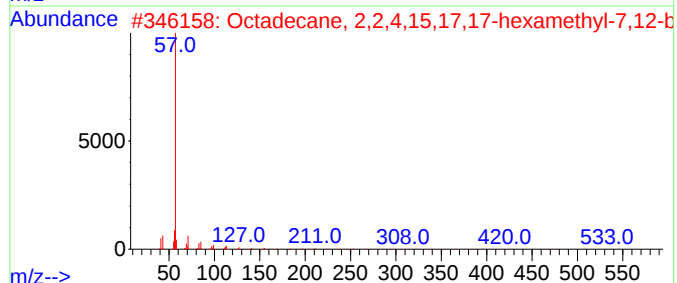
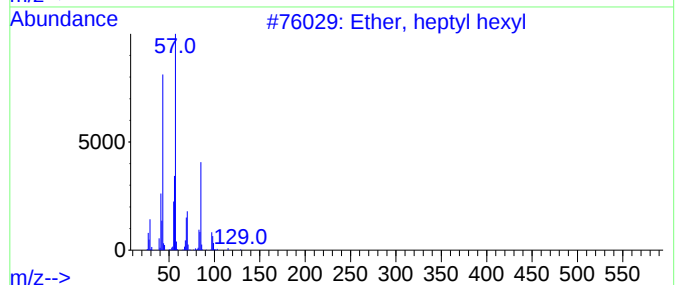
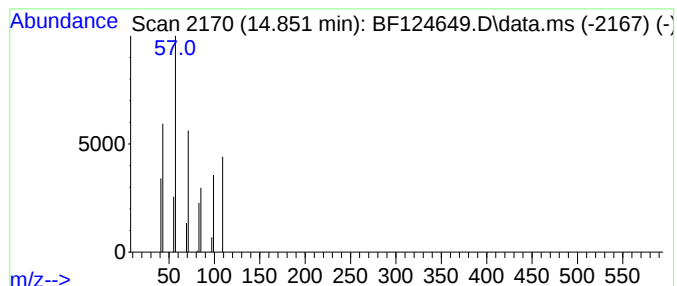
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.851 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	3.12 ng	3113	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, heptyl hexyl	200	C13H28O	007289-40-9	12
2			Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	9
3			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	9
4			Octane, 2-methyl-	128	C9H20	003221-61-2	9
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
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Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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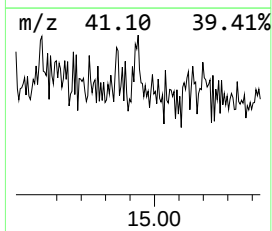
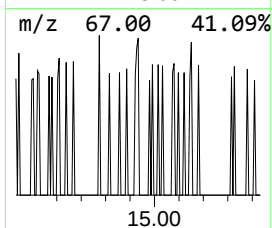
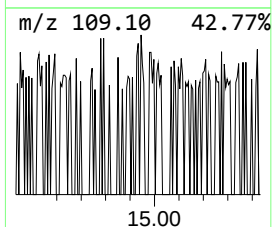
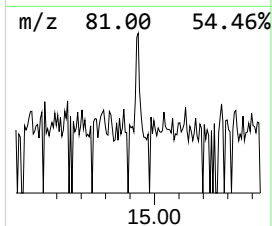
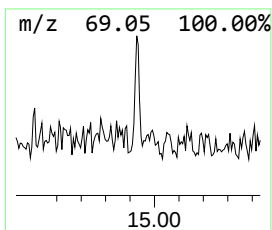
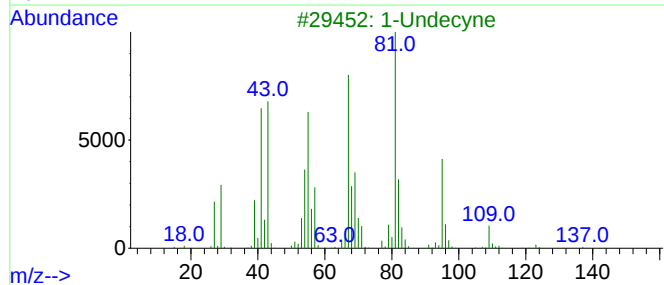
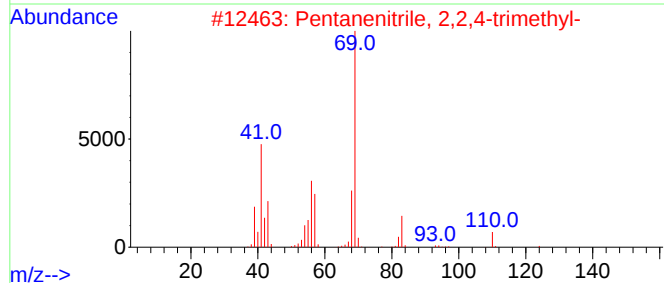
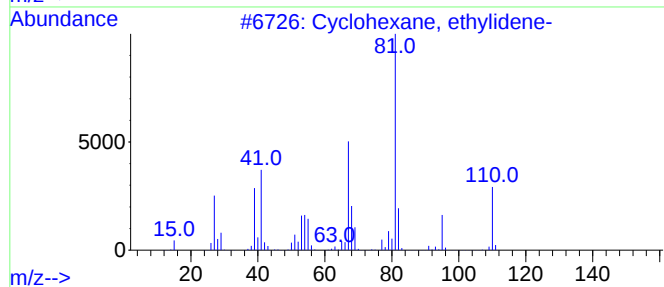
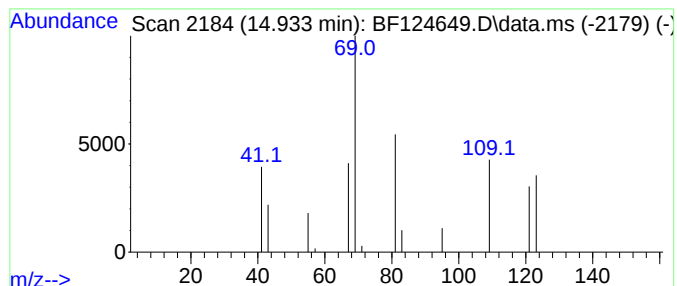
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.933 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	4.86 ng	4842	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethylidene-	110	C8H14	001003-64-1	4
2			Pentanenitrile, 2,2,4-trimethyl-	125	C8H15N	069462-10-8	4
3			1-Undecyne	152	C11H20	002243-98-3	4
4			Cyclohexane, ethenyl-	110	C8H14	000695-12-5	4
5			Isoxazole	69	C3H3NO	000288-14-2	3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
Acq On : 21 Jul 2021 3:07
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Misc :
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Instrument :
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ClientSampled :
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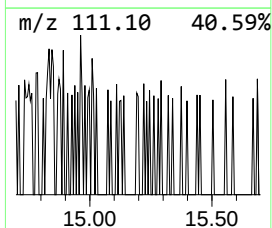
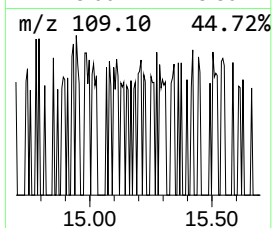
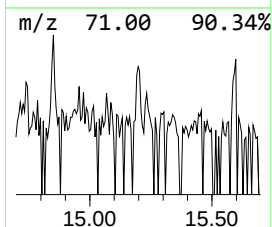
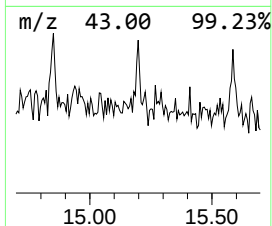
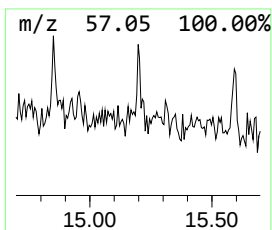
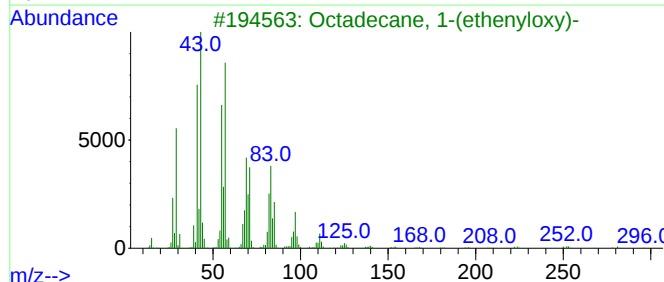
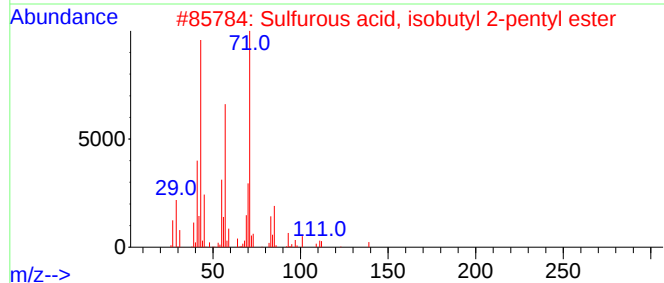
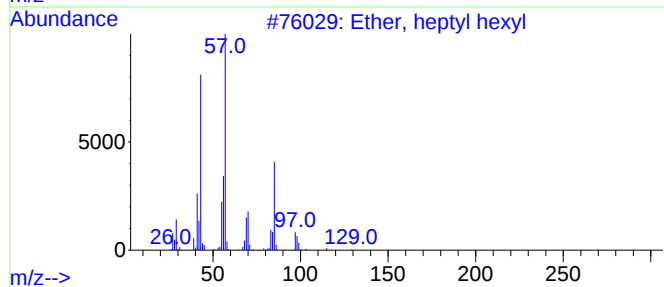
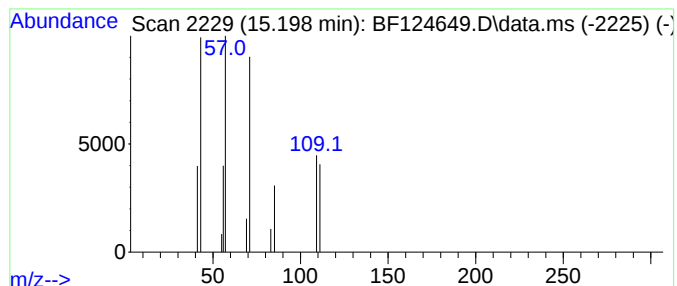
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown15.198 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	4.99 ng	4976	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, heptyl hexyl	200	C13H28O	007289-40-9	12
2			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	9
3			Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	9
4			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	9
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9



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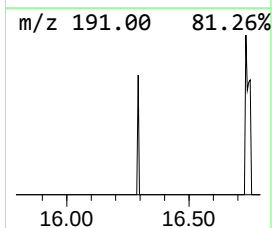
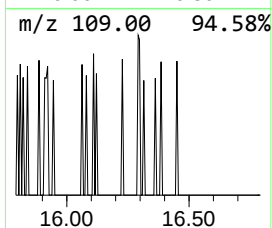
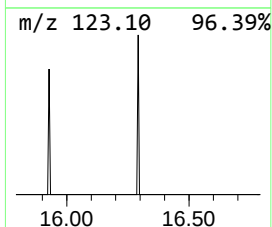
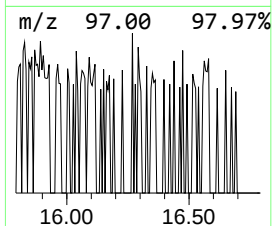
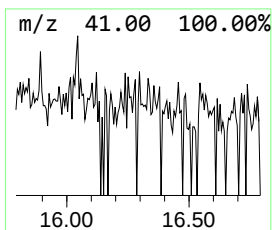
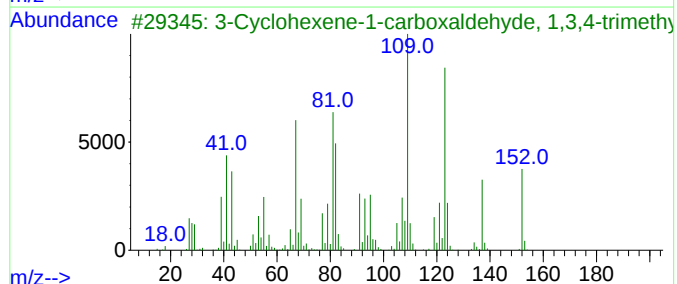
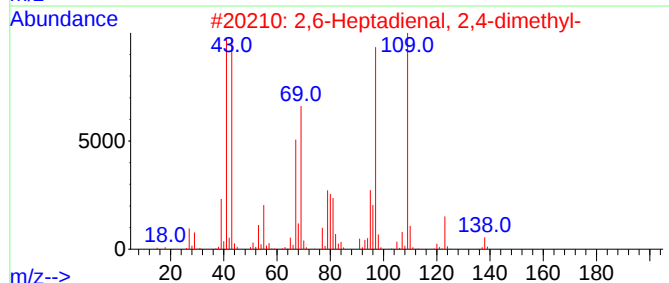
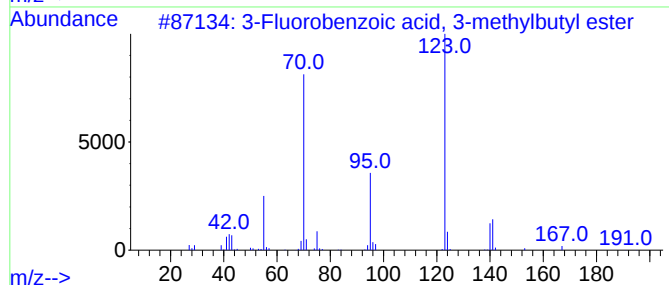
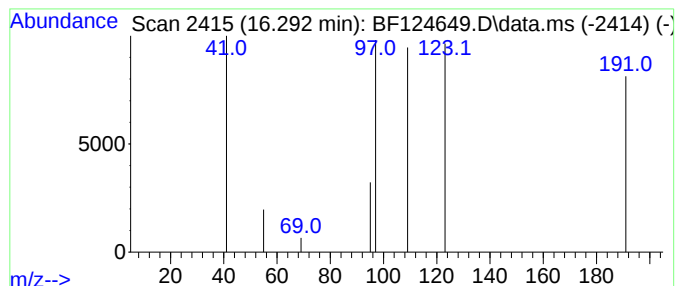
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.292 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	4.40 ng	4389	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Fluorobenzoic acid, 3-methylbu...	210	C12H15FO2	1000355-66-1	9
2			2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	9
3			3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	9
4			1H-Pyrazol-3-amine, 4-methyl-	97	C4H7N3	064781-79-9	7
5			Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
Acq On : 21 Jul 2021 3:07
Operator : JU/CG
Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41213

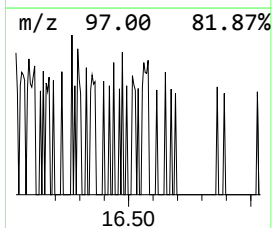
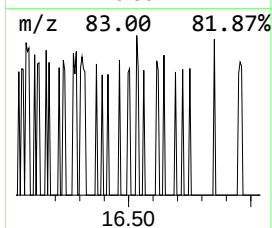
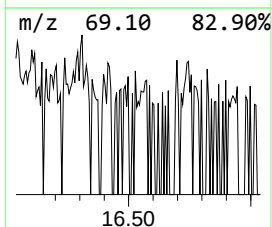
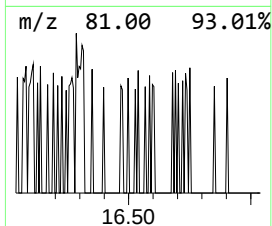
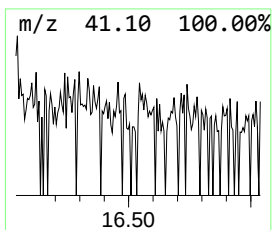
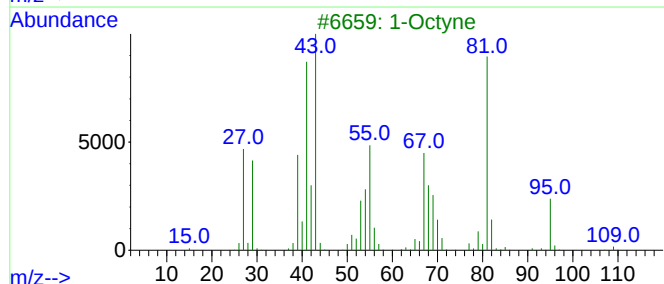
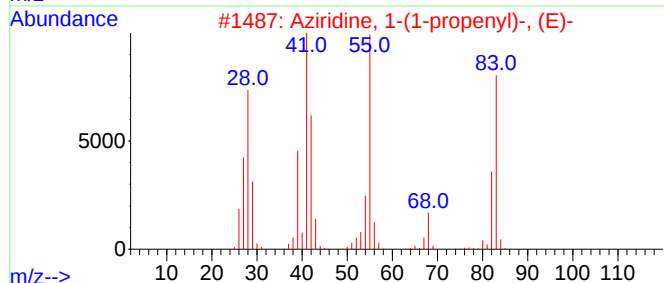
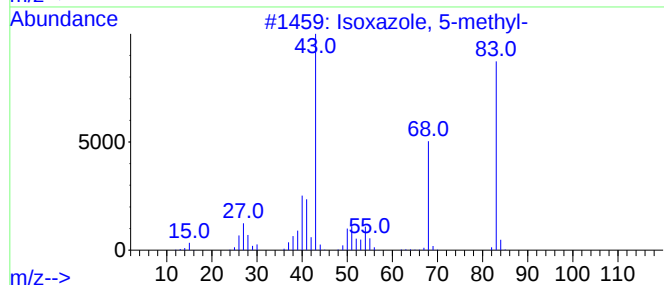
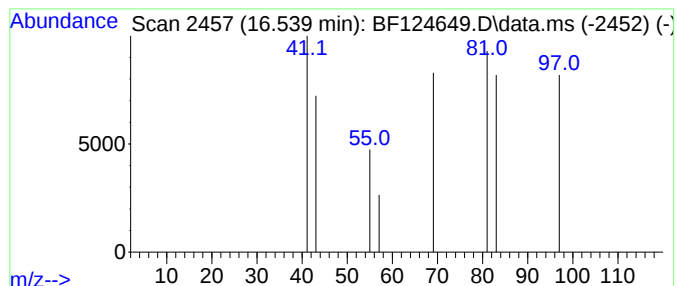
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.539 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.539	2.96 ng	2954	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	4
2			Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	008039-91-4	4
3			1-Octyne	110	C8H14	000629-05-0	2
4			2-Octynoic acid	140	C8H12O2	005663-96-7	2
5			Ethanamine, N,N-difluoro-	81	C2H5F2N	000758-18-9	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
Acq On : 21 Jul 2021 3:07
Operator : JU/CG
Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41213

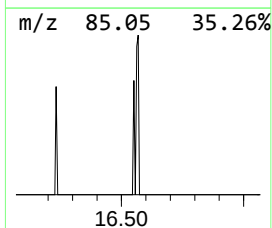
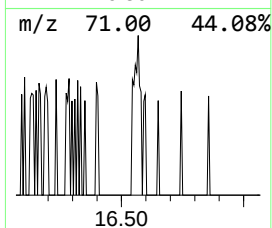
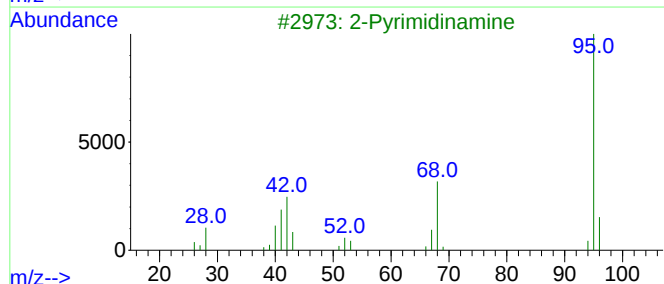
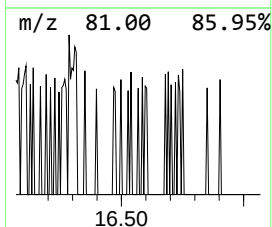
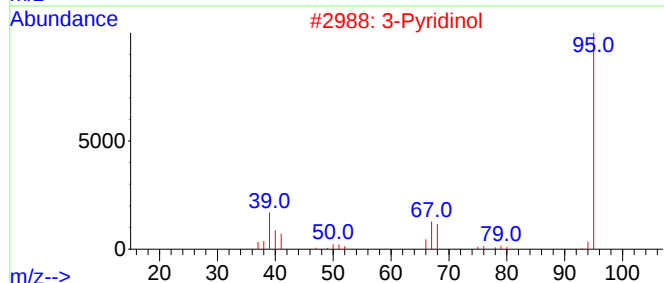
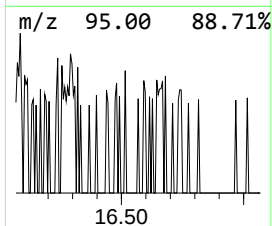
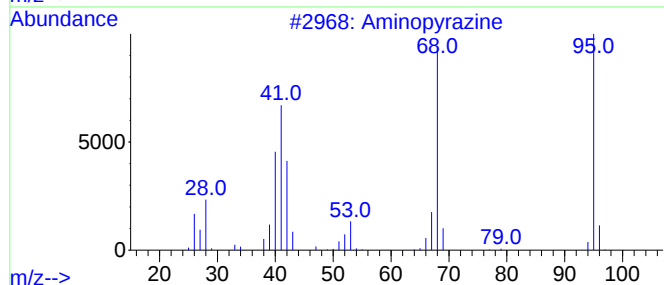
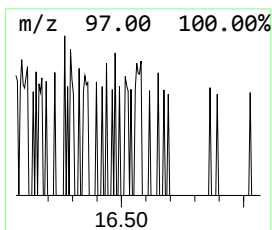
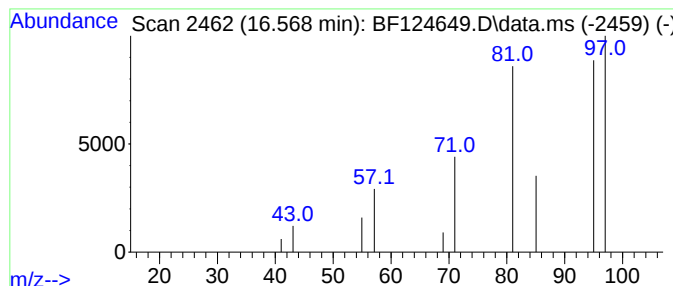
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.568 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.568	4.41 ng	4399	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Aminopyrazine	95	C4H5N3	005049-61-6	4
2			3-Pyridinol	95	C5H5NO	000109-00-2	3
3			2-Pyrimidinamine	95	C4H5N3	000109-12-6	3
4			1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	3
5			4(1H)-Pyridone	95	C5H5NO	000108-96-3	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
Acq On : 21 Jul 2021 3:07
Operator : JU/CG
Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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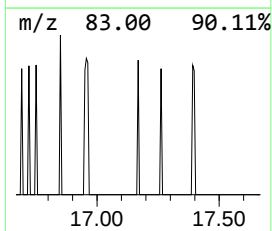
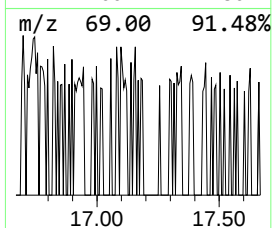
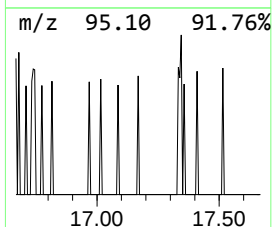
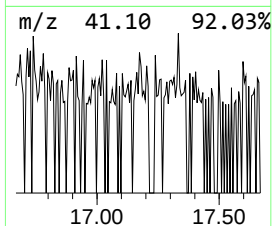
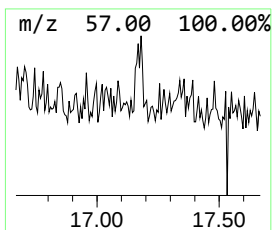
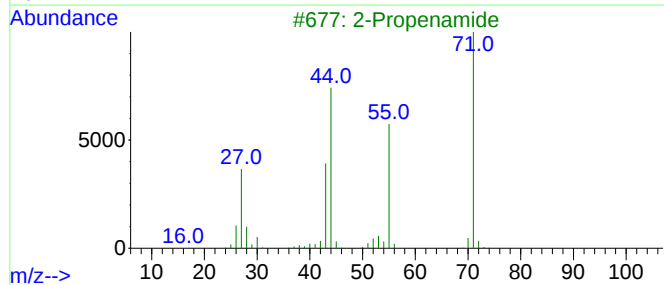
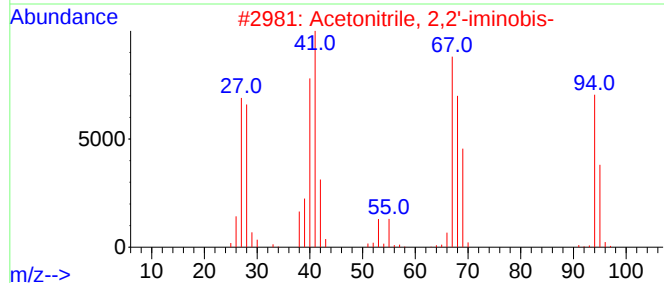
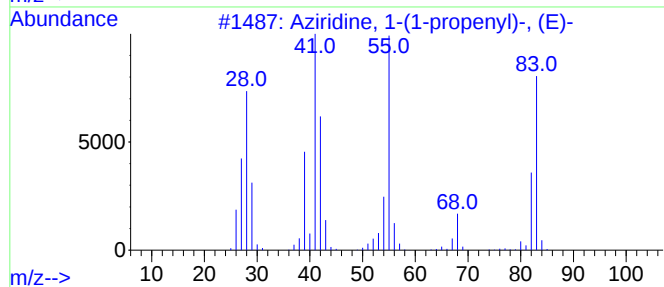
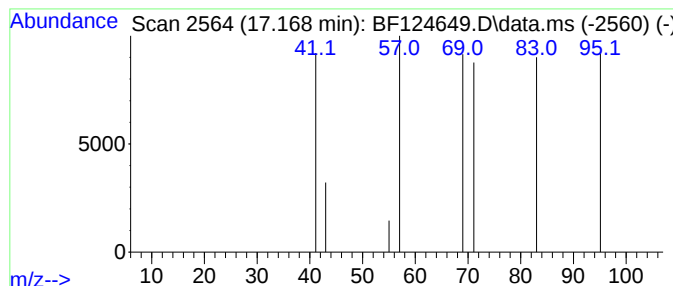
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.168 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.168	2.49 ng	2484	Perylene-d12	15.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	4
2			Acetonitrile, 2,2'-iminobis-	95	C4H5N3	000628-87-5	4
3			2-Propenamide	71	C3H5NO	000079-06-1	4
4			Hexanal, 5,5-dimethyl-	128	C8H16O	055320-58-6	4
5			Oxazole	69	C3H3NO	000288-42-6	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124649.D
Acq On : 21 Jul 2021 3:07
Operator : JU/CG
Sample : M3051-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41213

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.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
unknown8.081	8.081	5.3	ng	14877	2	8.186	56556	20.0
Octane, 2,2,6-t...	10.592	4.8	ng	14663	3	9.945	60944	20.0
Dodecane, 2,6,1...	10.857	11.6	ng	22860	4	11.433	39557	20.0
Dodecane, 3-met...	11.322	7.9	ng	15633	4	11.433	39557	20.0
Dimethyl diphen...	11.633	12.1	ng	24012	4	11.433	39557	20.0
unknown11.674	11.674	2.6	ng	5222	4	11.433	39557	20.0
unknown11.951	11.951	3.6	ng	7045	4	11.433	39557	20.0
unknown12.480	12.480	2.7	ng	5353	4	11.433	39557	20.0
unknown13.521	13.521	3.9	ng	6236	5	14.068	32202	20.0
unknown13.592	13.592	2.9	ng	4720	5	14.068	32202	20.0
unknown13.863	13.863	5.8	ng	9345	5	14.068	32202	20.0
unknown13.910	13.910	6.9	ng	11112	5	14.068	32202	20.0
unknown14.227	14.227	3.4	ng	5420	5	14.068	32202	20.0
unknown14.851	14.851	3.1	ng	3113	6	15.557	19935	20.0
unknown14.933	14.933	4.9	ng	4842	6	15.557	19935	20.0
unknown15.198	15.198	5.0	ng	4976	6	15.557	19935	20.0
unknown16.292	16.292	4.4	ng	4389	6	15.557	19935	20.0
unknown16.539	16.539	3.0	ng	2954	6	15.557	19935	20.0
unknown16.568	16.568	4.4	ng	4399	6	15.557	19935	20.0
unknown17.168	17.168	2.5	ng	2484	6	15.557	19935	20.0