

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124844.D
 Acq On : 29 Jul 2021 00:17
 Operator : JU/CG
 Sample : M3204-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072721

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-BF072221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124844.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	573	577	580	rBV	73683	60864	79.65%	6.212%
2	6.492	745	749	752	rBV	77690	61172	80.05%	6.243%
3	6.869	810	813	816	rBB	47127	34329	44.93%	3.504%
4	7.433	905	909	912	rBB	47266	41178	53.89%	4.203%
5	8.051	1012	1014	1018	rBB	2755	2751	3.60%	0.281%
6	8.133	1025	1028	1029	rBV	3236	2671	3.50%	0.273%
7	8.157	1029	1032	1035	rVB	51876	43341	56.72%	4.424%
8	8.210	1039	1041	1043	rBB	3196	1899	2.49%	0.194%
9	8.569	1100	1102	1104	rBB	5342	3804	4.98%	0.388%
10	8.739	1129	1131	1136	rBB	6956	5284	6.92%	0.539%
11	8.839	1145	1148	1150	rVB	2139	1909	2.50%	0.195%
12	9.027	1177	1180	1183	rBV3	1474	2061	2.70%	0.210%
13	9.063	1183	1186	1190	rVB2	1342	1774	2.32%	0.181%
14	9.169	1202	1204	1207	rVB	7163	5445	7.13%	0.556%
15	9.227	1211	1214	1217	rBV	106693	76413	100.00%	7.799%
16	9.304	1224	1227	1230	rBV	11023	10408	13.62%	1.062%
17	9.345	1230	1234	1238	rVV4	1766	3956	5.18%	0.404%
18	9.374	1238	1239	1243	rVB2	1546	1843	2.41%	0.188%
19	9.627	1277	1282	1284	rBV	10213	9736	12.74%	0.994%
20	9.651	1284	1286	1289	rVB	1763	1583	2.07%	0.162%
21	9.686	1289	1292	1294	rVB2	2254	1727	2.26%	0.176%
22	9.733	1294	1300	1302	rVB3	1756	2876	3.76%	0.294%
23	9.774	1302	1307	1310	rBV2	3012	3601	4.71%	0.368%
24	9.833	1310	1317	1321	rBV	11260	11923	15.60%	1.217%
25	9.874	1321	1324	1326	rBV2	1704	2322	3.04%	0.237%
26	9.910	1327	1330	1333	rVB	62574	48295	63.20%	4.929%
27	9.945	1333	1336	1337	rBV	1998	1885	2.47%	0.192%
28	10.063	1352	1356	1360	rBV3	1819	2210	2.89%	0.226%
29	10.092	1360	1361	1364	rVV	1966	1802	2.36%	0.184%
30	10.163	1368	1373	1376	rBV3	2980	4496	5.88%	0.459%
31	10.192	1376	1378	1382	rVB3	1860	1619	2.12%	0.165%
32	10.333	1400	1402	1405	rVB	10647	8143	10.66%	0.831%
33	10.551	1436	1439	1445	rBB	4685	5974	7.82%	0.610%
34	10.698	1461	1464	1467	rVB	40518	33058	43.26%	3.374%
35	10.810	1480	1483	1488	rBB	7334	10003	13.09%	1.021%
36	11.257	1557	1559	1561	rBB	4073	2846	3.72%	0.290%

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Instrument :
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 ClientSampleId :
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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 >

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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37	11.286	1562	1564	1566	rBB	2734	2054	2.69%	0.210%
38	11.398	1579	1583	1585	rBV	49818	38884	50.89%	3.969%
39	11.421	1585	1587	1589	rVB	5114	3478	4.55%	0.355%
40	11.680	1629	1631	1634	rBB	2874	2245	2.94%	0.229%
41	11.916	1669	1671	1674	rVB	4215	4034	5.28%	0.412%
42	12.010	1683	1687	1689	rBV2	3938	3377	4.42%	0.345%
43	12.092	1699	1701	1703	rBB2	2560	1776	2.32%	0.181%
44	12.445	1757	1761	1765	rBB2	2089	2534	3.32%	0.259%
45	12.474	1765	1766	1769	rBB	3028	2497	3.27%	0.255%
46	12.610	1785	1789	1792	rBV	34107	27190	35.58%	2.775%
47	12.839	1819	1828	1834	rBV	34966	36845	48.22%	3.761%
48	12.980	1849	1852	1855	rVB	87830	62349	81.59%	6.364%
49	13.062	1862	1866	1870	rBV4	1895	2685	3.51%	0.274%
50	13.162	1881	1883	1886	rVB2	4318	3683	4.82%	0.376%
51	13.204	1888	1890	1893	rBV	1660	1794	2.35%	0.183%
52	13.233	1893	1895	1899	rVV2	2162	2599	3.40%	0.265%
53	13.274	1899	1902	1905	rVB3	3369	3072	4.02%	0.314%
54	13.362	1915	1917	1919	rBV	3479	2303	3.01%	0.235%
55	13.392	1919	1922	1924	rVB2	2524	2452	3.21%	0.250%
56	13.668	1966	1969	1972	rBV2	1925	2563	3.35%	0.262%
57	13.786	1986	1989	1991	rBV2	2465	2018	2.64%	0.206%
58	13.815	1991	1994	1996	rBV3	1783	1721	2.25%	0.176%
59	13.880	2002	2005	2006	rBV2	4613	3406	4.46%	0.348%
60	13.898	2006	2008	2013	rVB4	2333	3419	4.47%	0.349%
61	14.039	2027	2032	2034	rBV2	41132	48007	62.83%	4.900%
62	14.062	2034	2036	2039	rVB	16178	11381	14.89%	1.162%
63	14.198	2053	2059	2062	rVB4	3648	6468	8.46%	0.660%
64	14.227	2062	2064	2066	rBV2	3313	2980	3.90%	0.304%
65	14.380	2088	2090	2093	rBV4	1458	1961	2.57%	0.200%
66	14.421	2095	2097	2099	rVB	4209	3115	4.08%	0.318%
67	14.498	2107	2110	2113	rBV3	3814	4554	5.96%	0.465%
68	14.809	2160	2163	2165	rBV2	2882	2365	3.10%	0.241%
69	14.874	2172	2174	2178	rVB5	2351	2599	3.40%	0.265%
70	14.939	2183	2185	2189	rBV4	1445	1906	2.49%	0.195%
71	15.004	2193	2196	2197	rBV3	2048	2044	2.67%	0.209%
72	15.080	2205	2209	2216	rVB2	11987	22533	29.49%	2.300%
73	15.151	2216	2221	2224	rBV4	4041	5701	7.46%	0.582%
74	15.386	2259	2261	2267	rVB	7573	9591	12.55%	0.979%
75	15.451	2269	2272	2277	rVB2	8418	11439	14.97%	1.168%
76	15.515	2280	2283	2287	rBV2	19753	26327	34.45%	2.687%

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 ClientSampleId :
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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-BF072221.M

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77	15.668	2305	2309	2312	rVB5	5260	6046	7.91%	0.617%
78	15.786	2327	2329	2332	rVB4	3493	2064	2.70%	0.211%
79	15.974	2357	2361	2367	rBV5	3581	5711	7.47%	0.583%
80	16.227	2400	2404	2409	rBV5	6200	10412	13.63%	1.063%
81	16.433	2436	2439	2440	rBV3	1659	1670	2.19%	0.170%
82	16.492	2446	2449	2450	rBV2	2078	1973	2.58%	0.201%
83	16.592	2464	2466	2469	rBV3	2104	1861	2.44%	0.190%
84	16.668	2475	2479	2484	rBV3	4940	7580	9.92%	0.774%
85	16.745	2489	2492	2494	rBV3	1203	1747	2.29%	0.178%
86	16.821	2503	2505	2507	rBV3	1593	1628	2.13%	0.166%
87	17.003	2531	2536	2541	rVB4	2911	5861	7.67%	0.598%
88	17.086	2546	2550	2555	rBV5	1493	2515	3.29%	0.257%
89	17.168	2560	2564	2566	rBV4	1593	2087	2.73%	0.213%
90	17.250	2572	2578	2582	rBV5	2693	5560	7.28%	0.567%
91	17.339	2591	2593	2596	rVB3	2350	2275	2.98%	0.232%
92	17.450	2608	2612	2615	rVB4	3413	5754	7.53%	0.587%
93	17.597	2635	2637	2640	rVB4	1860	1825	2.39%	0.186%
94	17.633	2640	2643	2645	rBV3	2698	3299	4.32%	0.337%
95	18.180	2731	2736	2737	rBV3	1757	2813	3.68%	0.287%
96	18.209	2737	2741	2743	rVV4	1380	1975	2.58%	0.202%
97	18.497	2789	2790	2795	rBV4	1722	2794	3.66%	0.285%
98	18.556	2798	2800	2803	rVB4	1916	1783	2.33%	0.182%
99	18.615	2807	2810	2811	rBV2	1781	1559	2.04%	0.159%
100	18.897	2854	2858	2861	rBV5	1253	1842	2.41%	0.188%

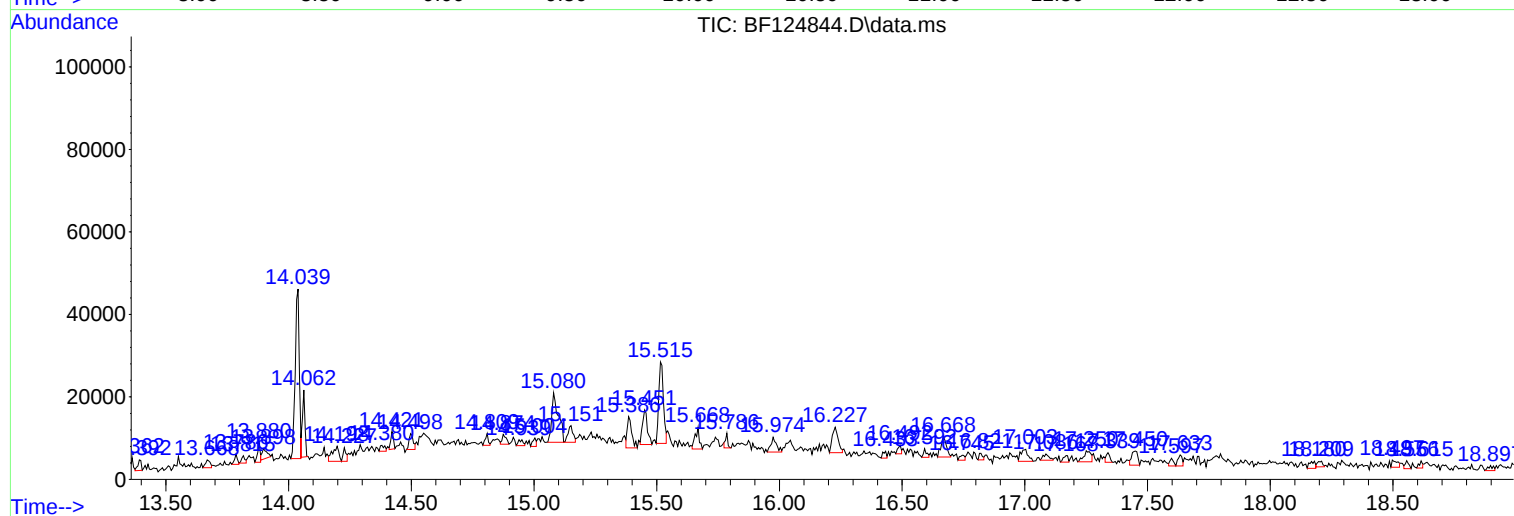
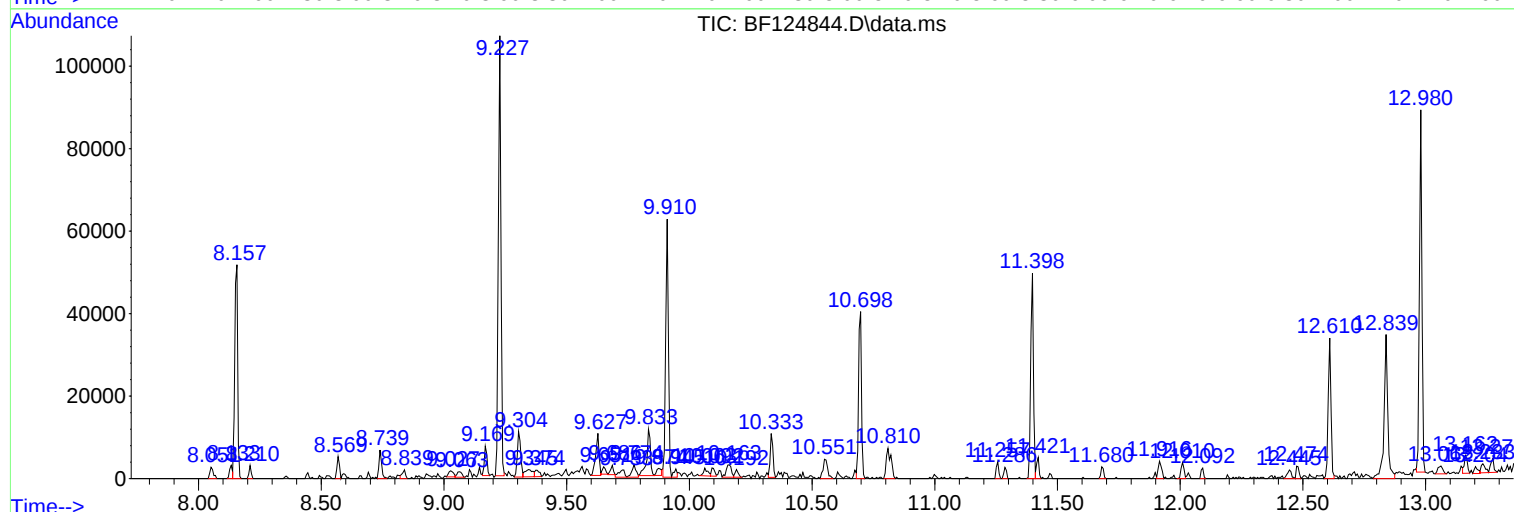
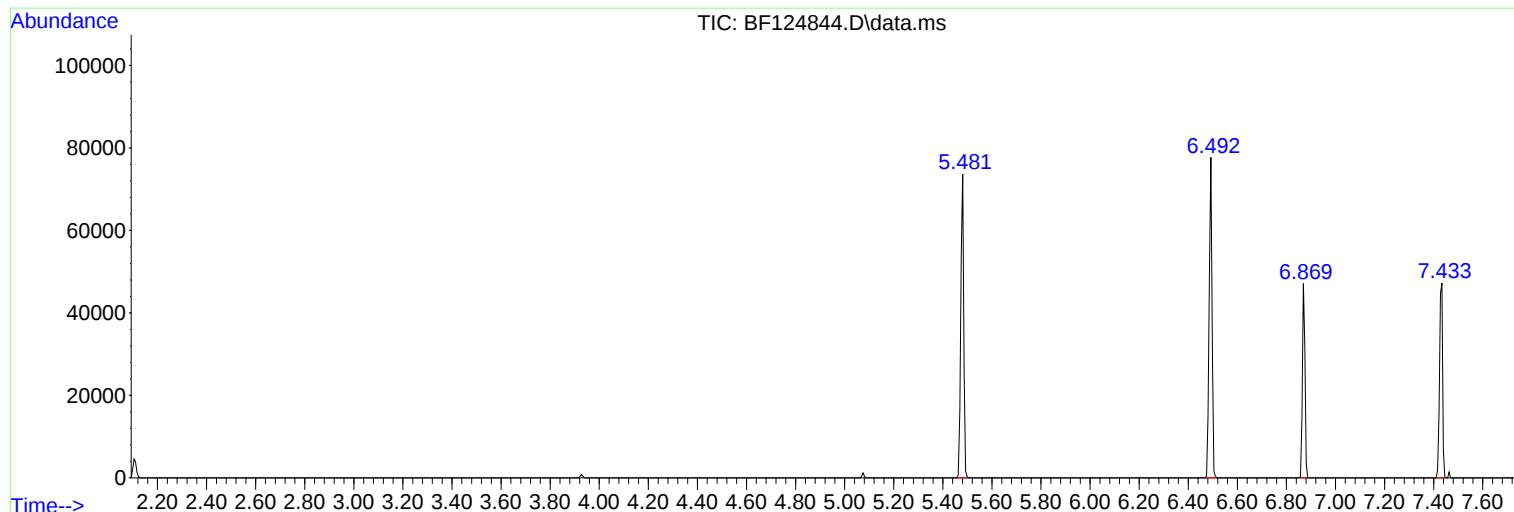
Sum of corrected areas: 979784

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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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Sample : M3204-01 2X
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Instrument :
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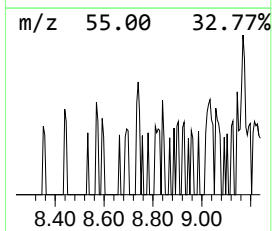
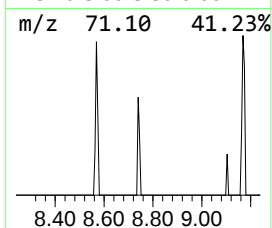
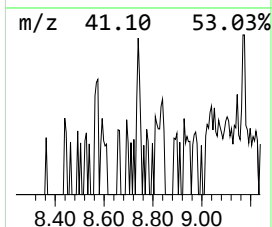
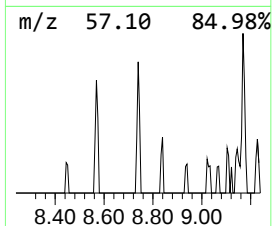
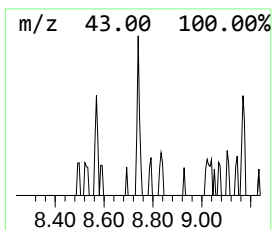
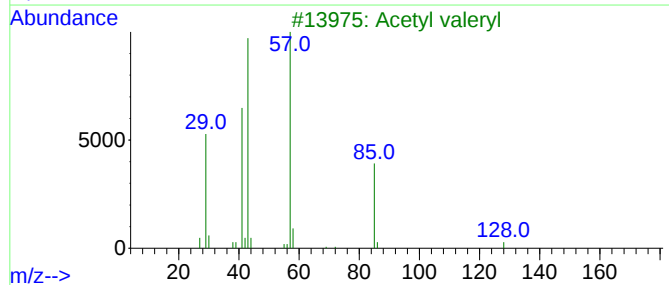
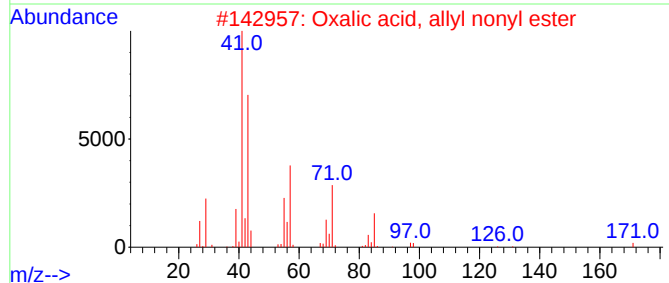
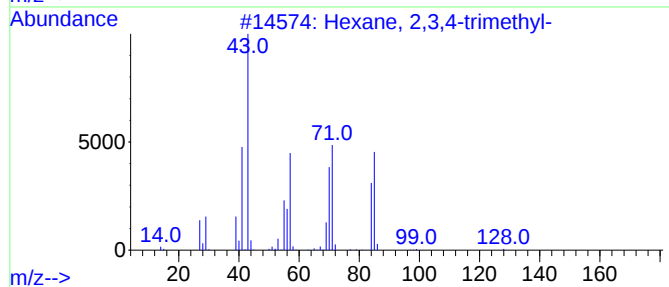
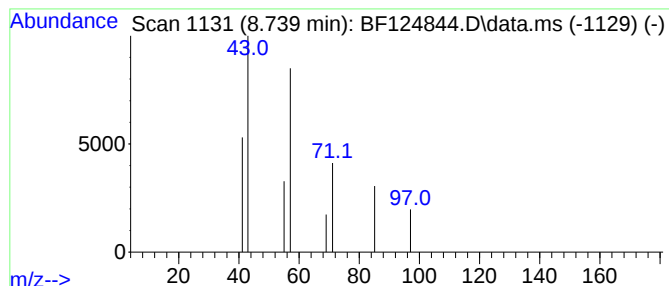
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.739 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	2.44 ng	5284	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	9
2			Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	9
3			Acetyl valeryl	128	C7H12O2	000096-04-8	9
4			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	9
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	9



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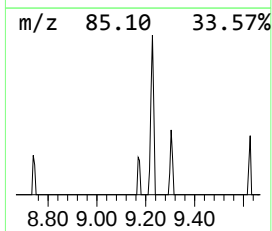
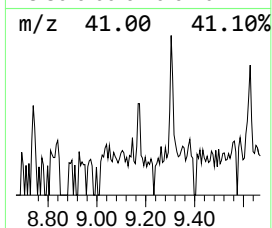
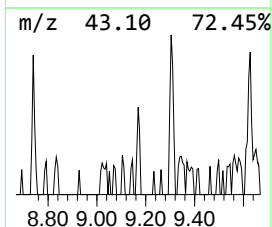
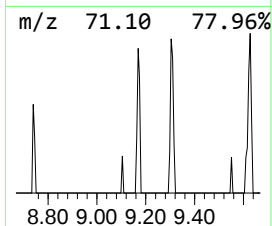
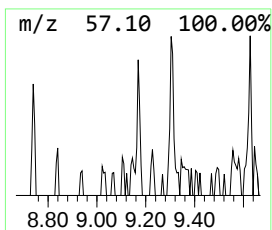
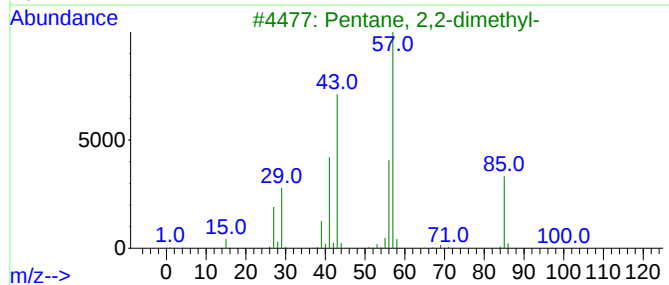
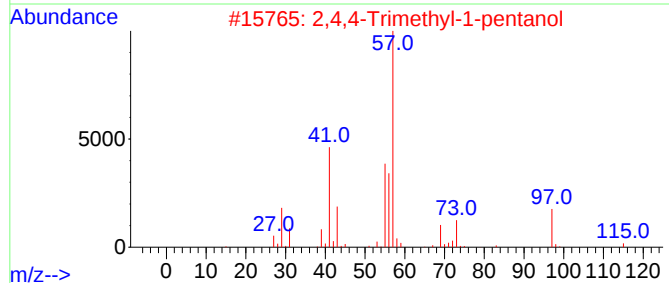
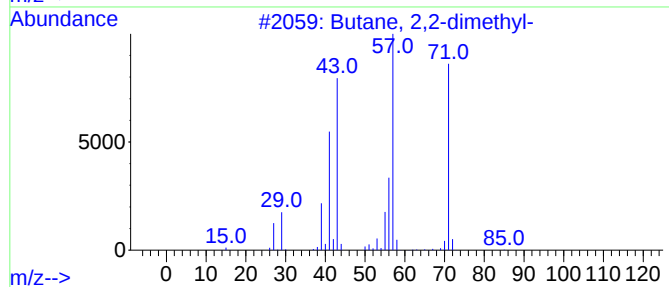
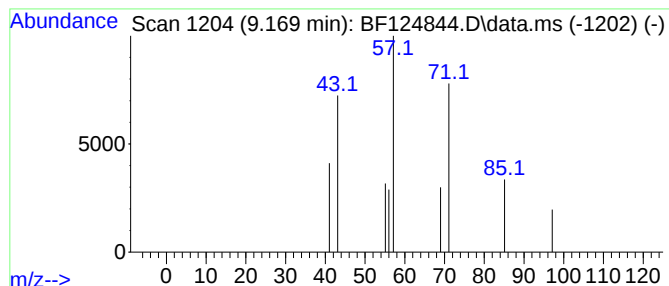
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown9.169 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	2.25 ng	5445	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
2			2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	12
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	10
4			Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	9
5			trans-2-Hexenyl 2-methylbutyrate	184	C11H20O2	1000433-23-8	9



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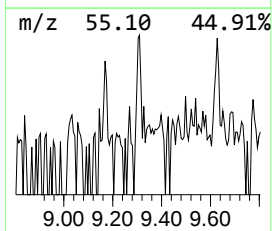
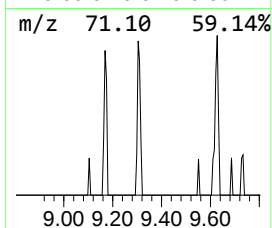
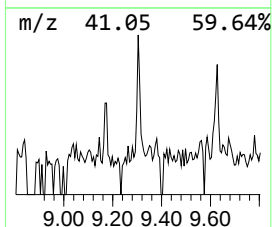
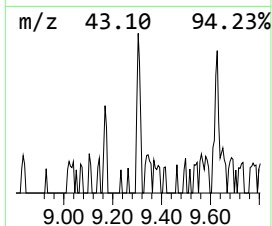
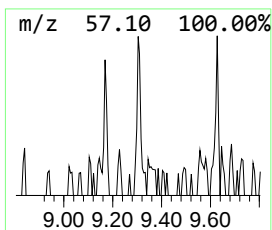
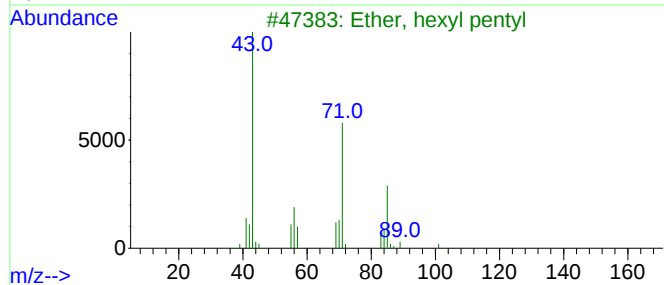
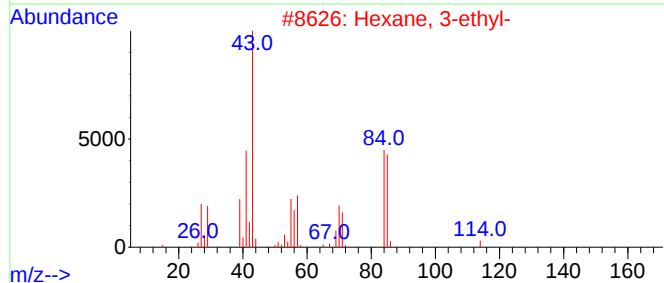
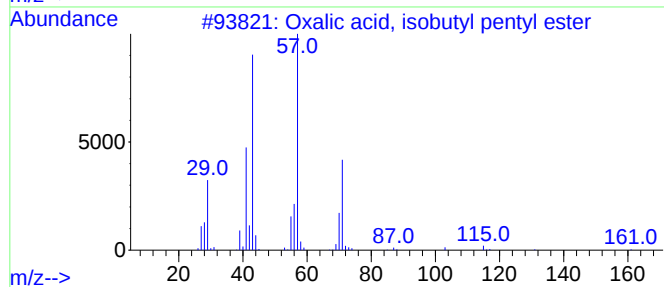
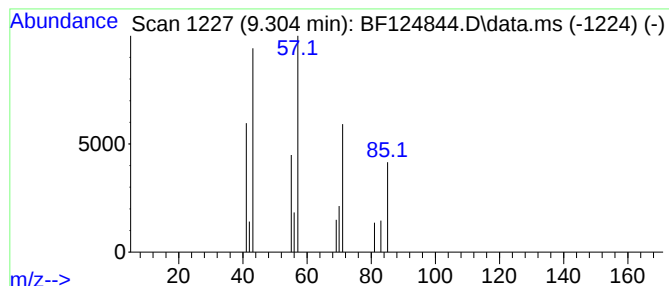
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.304 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	4.31 ng	10408	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43
2			Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
3			Ether, hexyl pentyl	172	C11H24O	032357-83-8	33
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	33
5			Oxalic acid, allyl octyl ester	242	C13H22O4	1000309-23-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

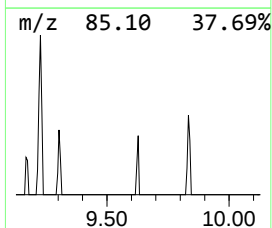
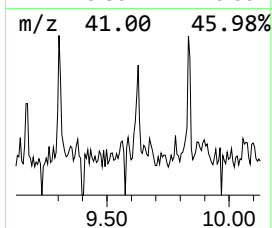
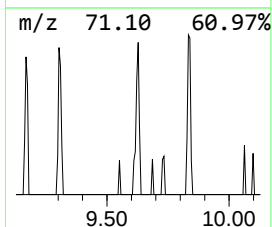
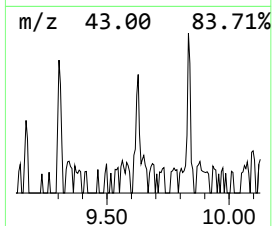
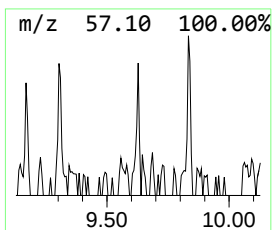
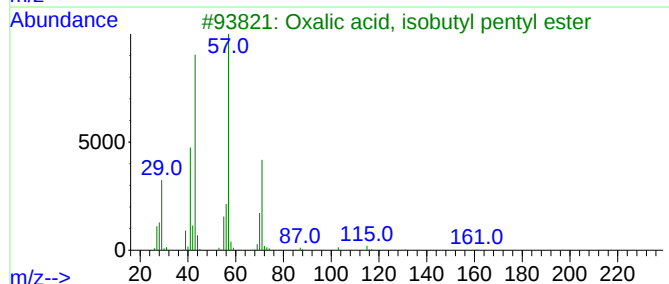
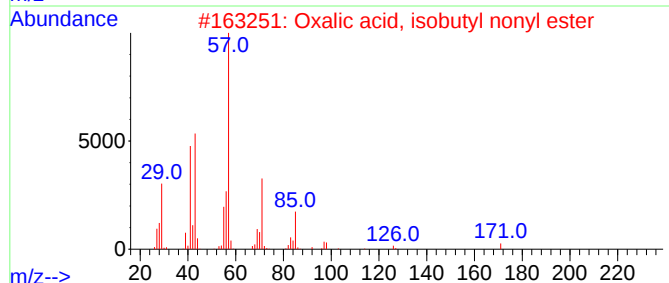
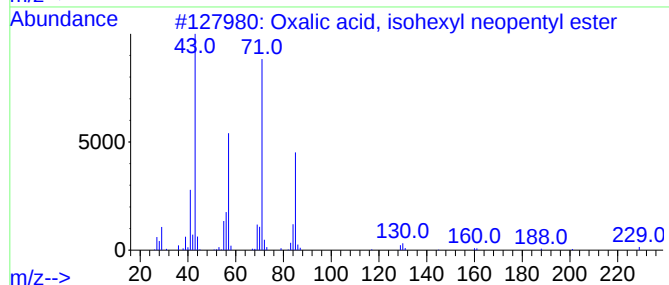
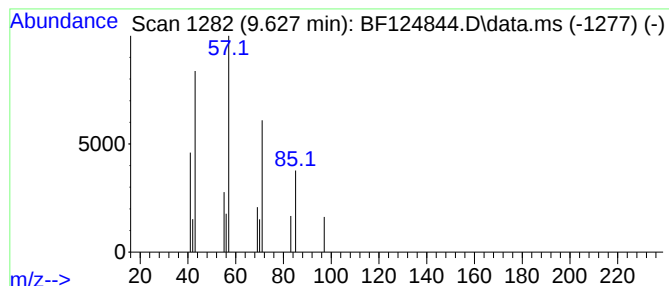
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.627 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	4.03 ng	9736	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	39
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	37
4			Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	36
5			1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
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Instrument :
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ClientSampleId :
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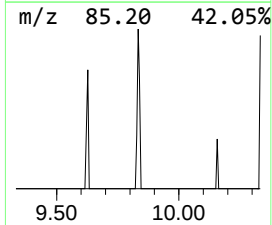
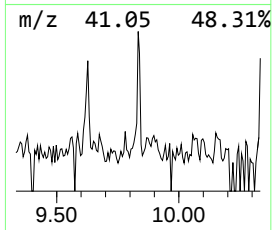
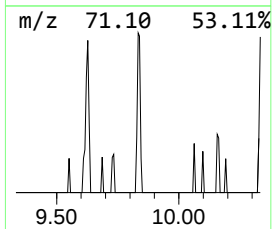
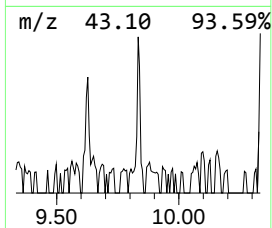
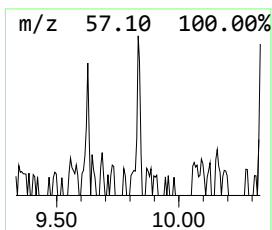
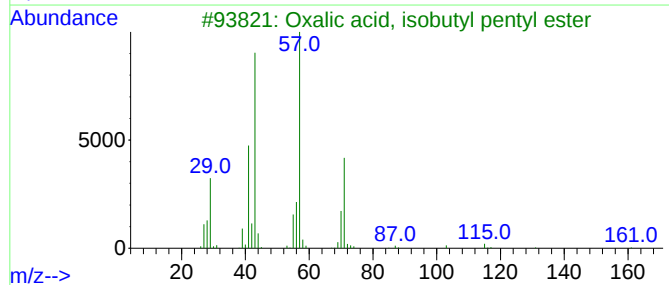
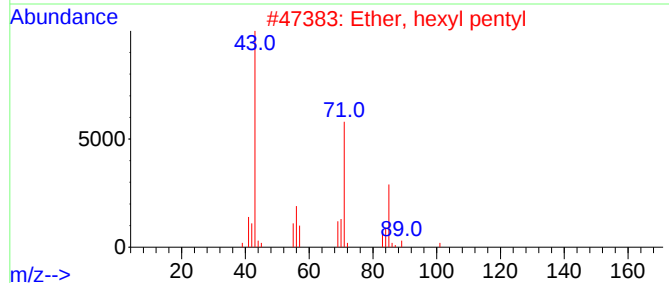
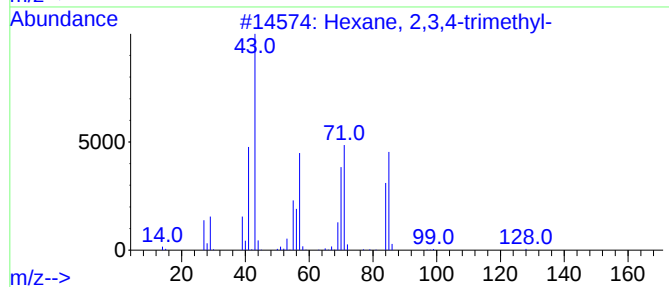
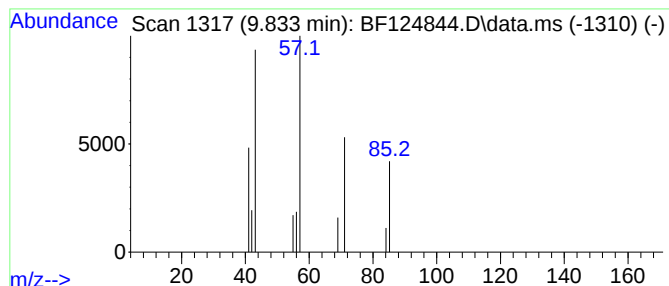
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.833 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	4.94 ng	11923	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	42
2			Ether, hexyl pentyl	172	C11H24O	032357-83-8	40
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	32
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	28
5			Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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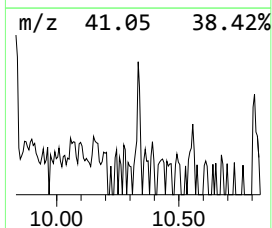
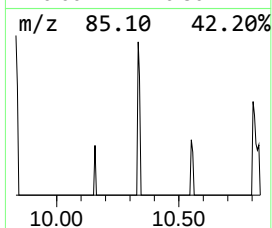
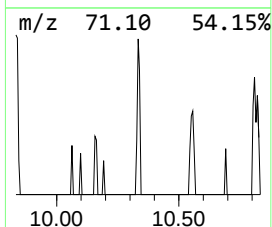
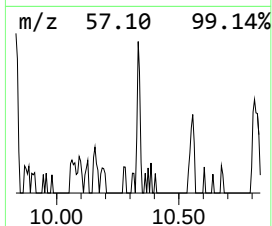
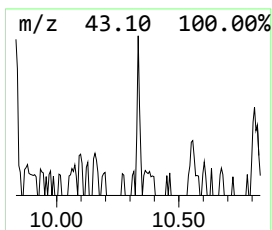
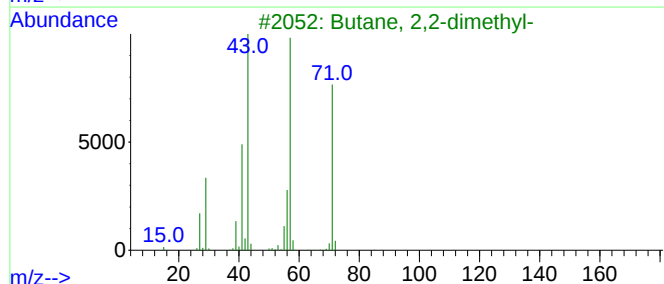
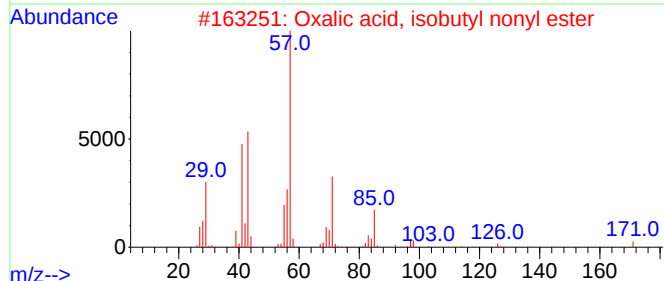
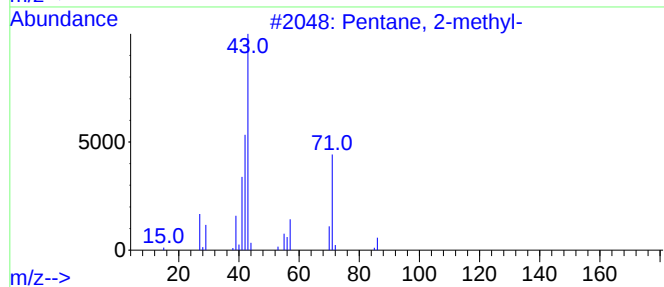
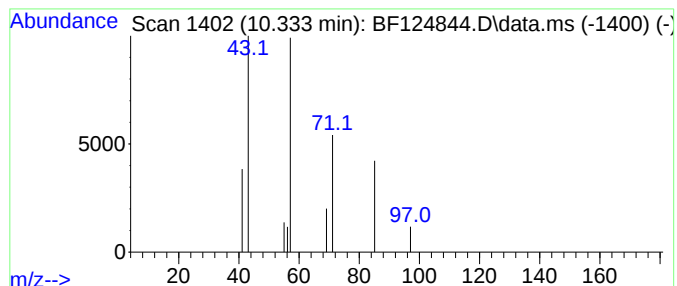
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.333 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	3.37 ng	8143	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	9
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	9
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
4			Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5
5			Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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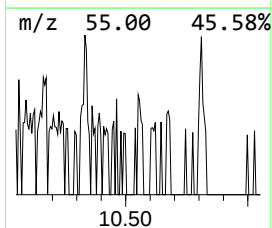
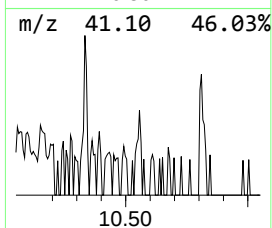
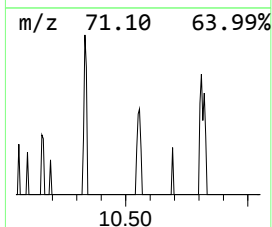
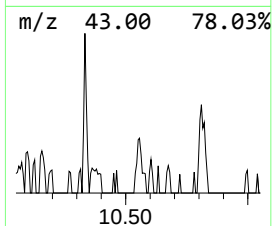
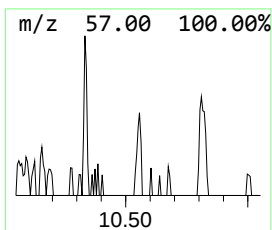
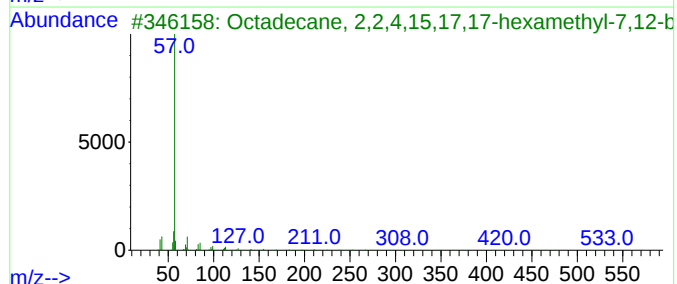
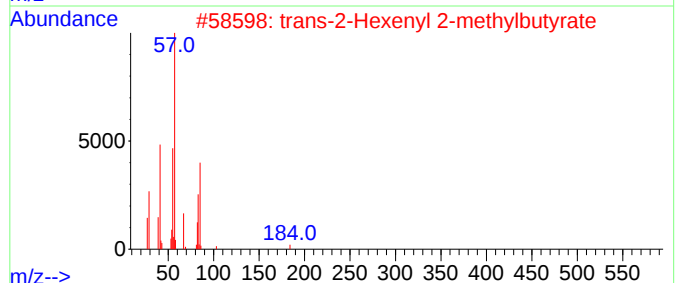
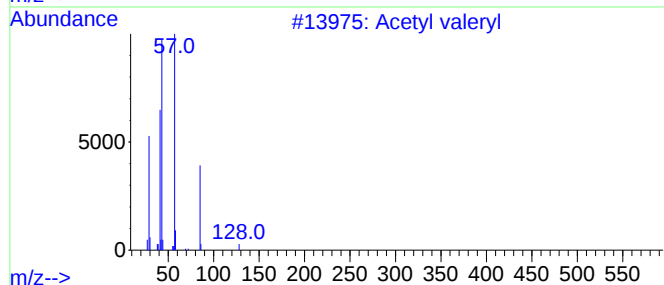
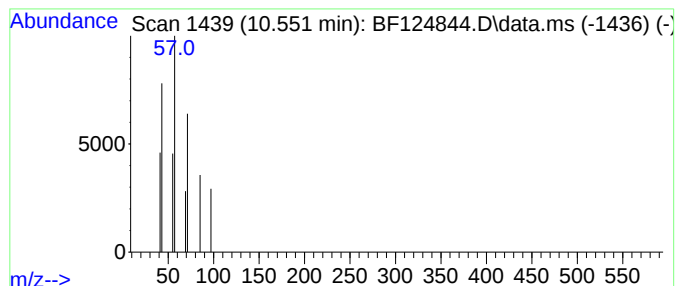
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.551 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.47 ng	5974	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetyl valeryl	128	C7H12O2	000096-04-8	9
2			trans-2-Hexenyl 2-methylbutyrate	184	C11H20O2	1000433-23-8	9
3			Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	9
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
5			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
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Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

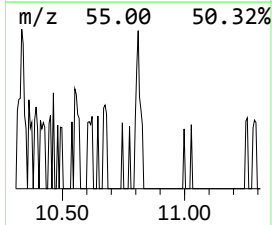
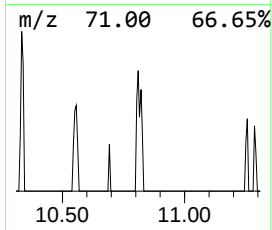
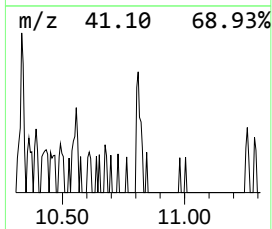
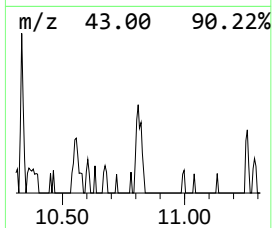
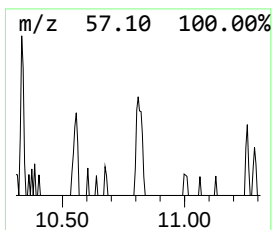
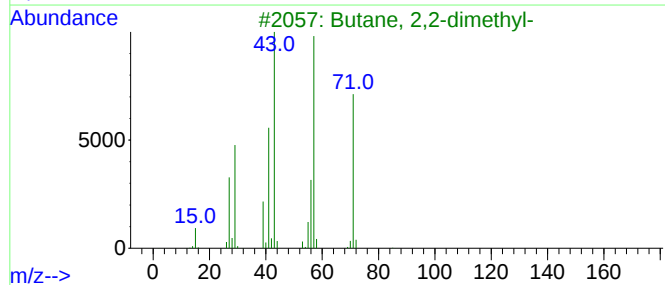
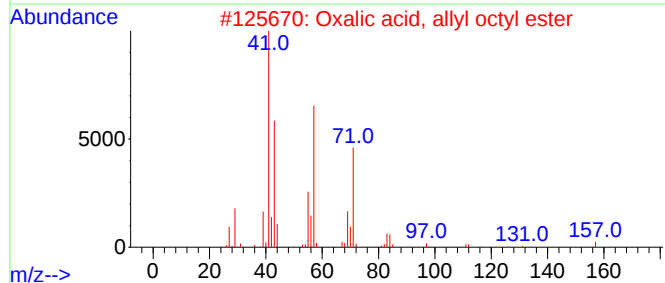
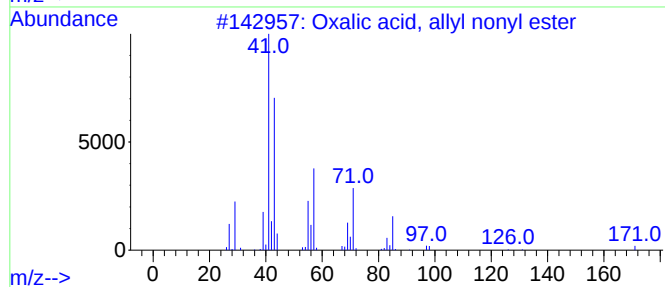
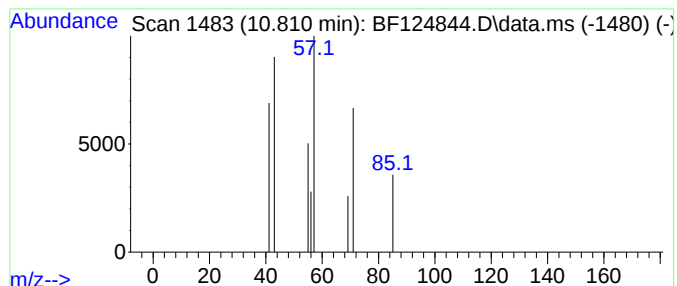
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, allyl nonyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.810	5.15 ng	10003	Phenanthrene-d10	11.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	78
2	Oxalic acid, allyl octyl ester	242	C13H22O4	1000309-23-6	40
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
4	Cyclobutanemethanol, .alpha.-met...	100	C6H12O	007515-29-9	9
5	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
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Instrument :
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ClientSampleId :
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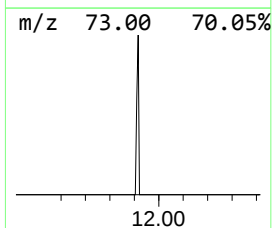
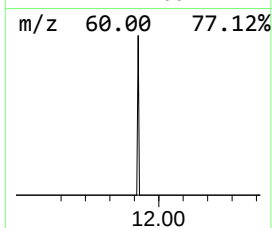
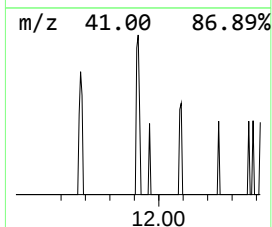
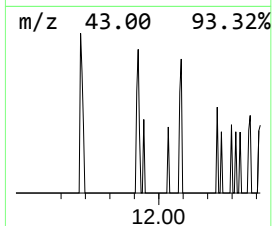
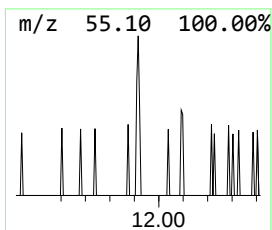
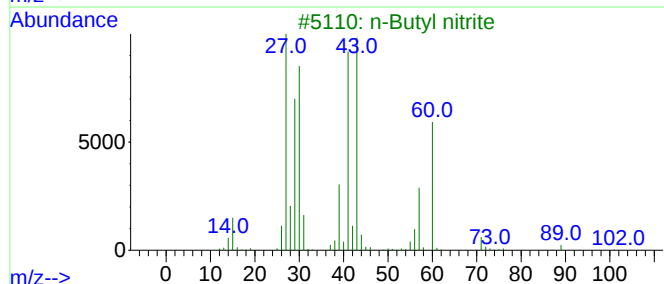
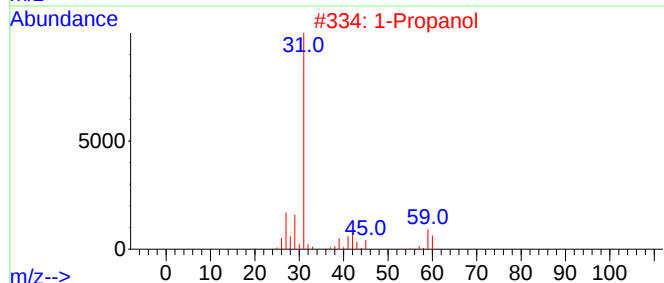
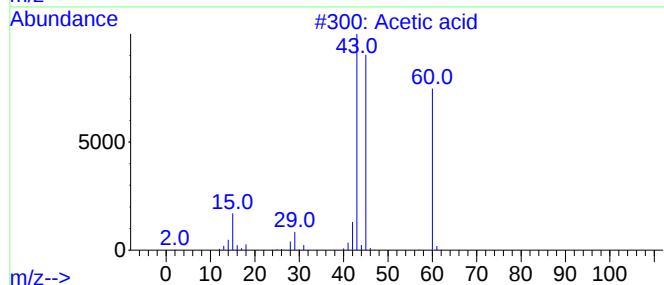
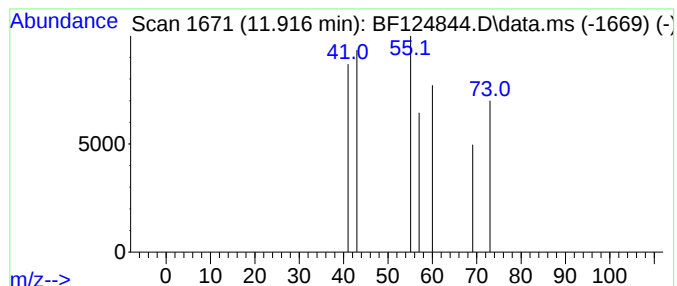
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.916 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.07 ng	4034	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid	60	C2H4O2	000064-19-7	4
2			1-Propanol	60	C3H8O	000071-23-8	3
3			n-Butyl nitrite	103	C4H9NO2	000544-16-1	2
4			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	2
5			1-Hepten-4-ol	114	C7H14O	003521-91-3	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

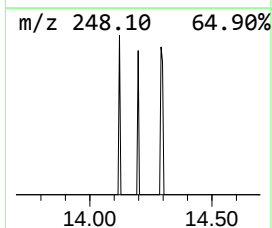
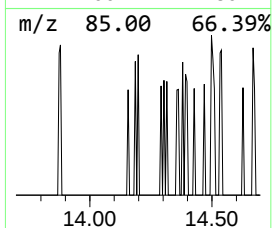
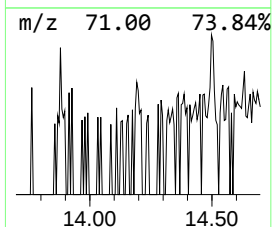
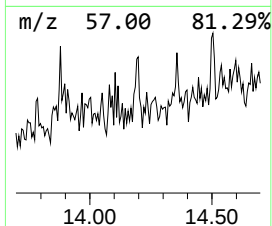
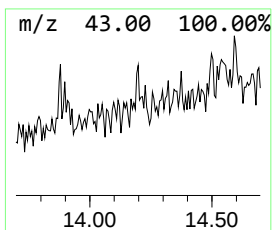
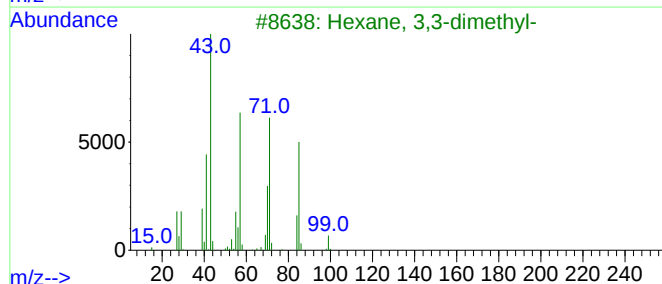
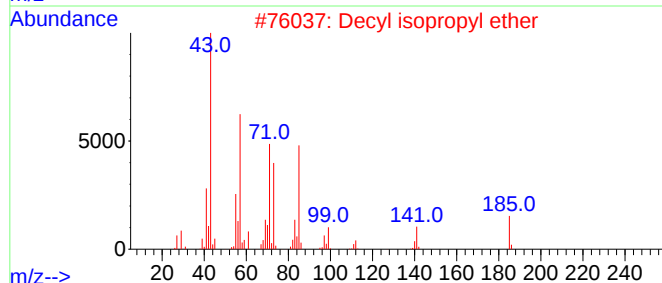
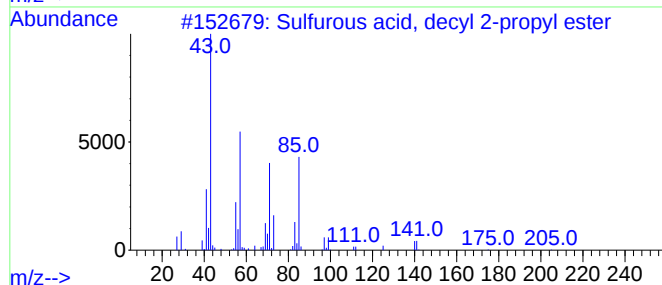
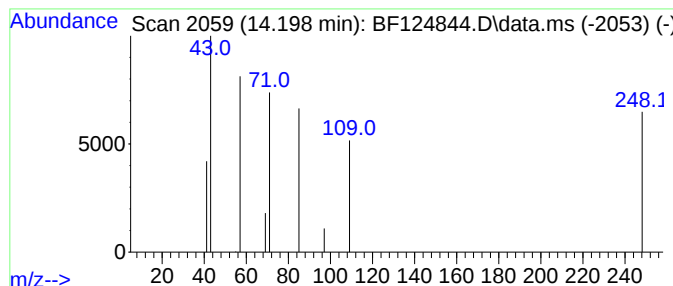
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Sulfurous acid, decyl 2-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	2.69 ng	6468	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	50
2			Decyl isopropyl ether	200	C13H28O	1000406-33-8	50
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	40
5			Tetracosane	338	C24H50	000646-31-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

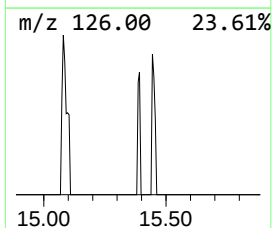
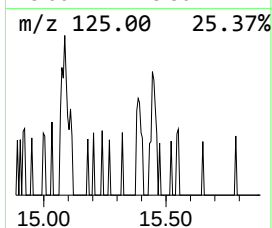
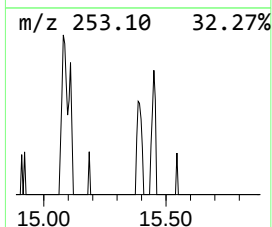
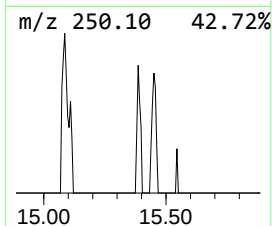
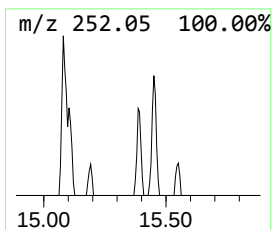
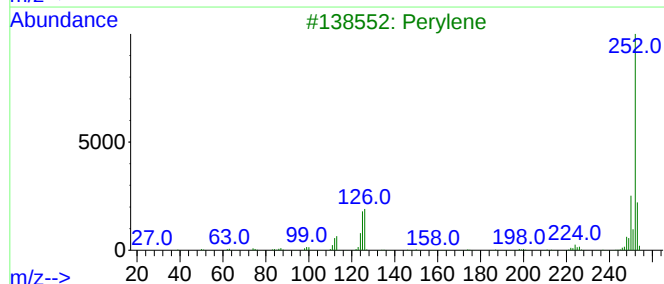
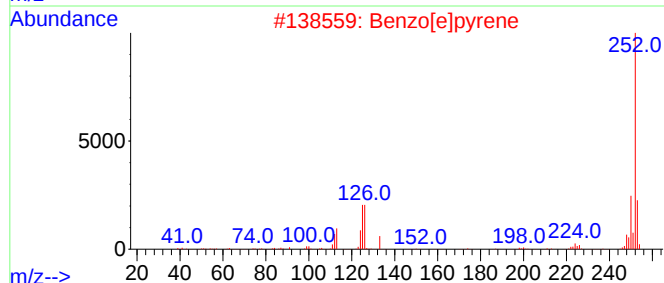
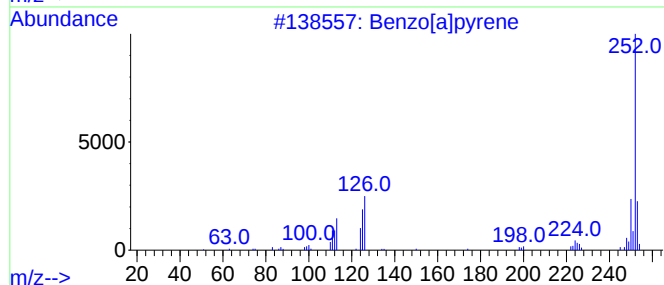
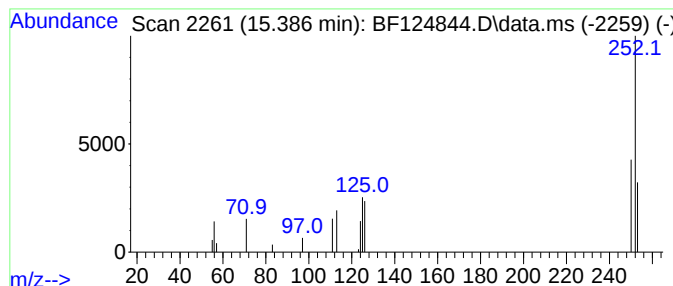
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	7.29 ng	9591	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	64
2			Benzo[e]pyrene	252	C20H12	000192-97-2	58
3			Perylene	252	C20H12	000198-55-0	53
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	52
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

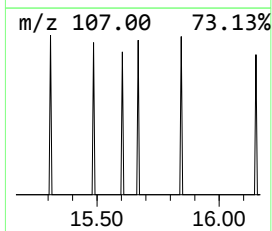
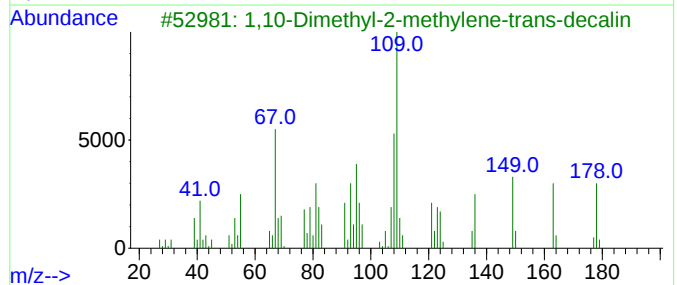
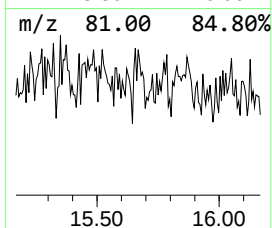
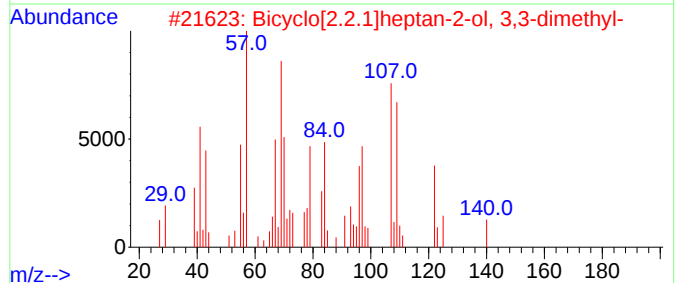
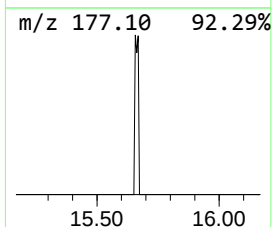
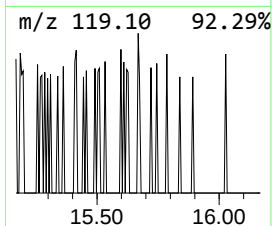
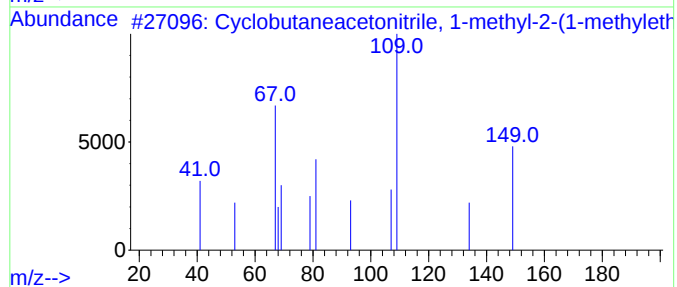
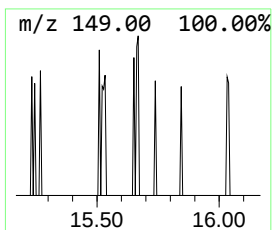
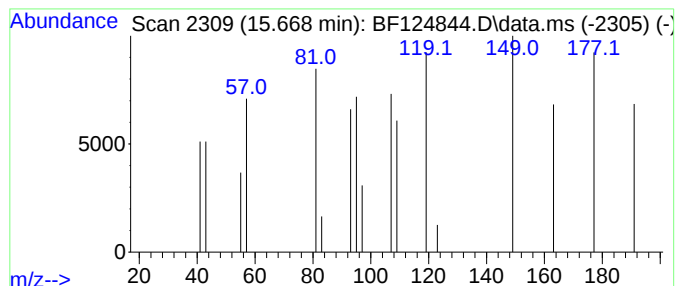
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown15.668 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.668	4.59 ng	6046	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutaneacetonitrile, 1-methy...	149	C10H15N	055760-14-0	16
2			Bicyclo[2.2.1]heptan-2-ol, 3,3-d...	140	C9H16O	005957-68-6	10
3			1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1010103-97-8	9
4			7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	9
5			trans-Z-.alpha.-Bisabolene epoxide	220	C15H24O	1000131-71-1	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

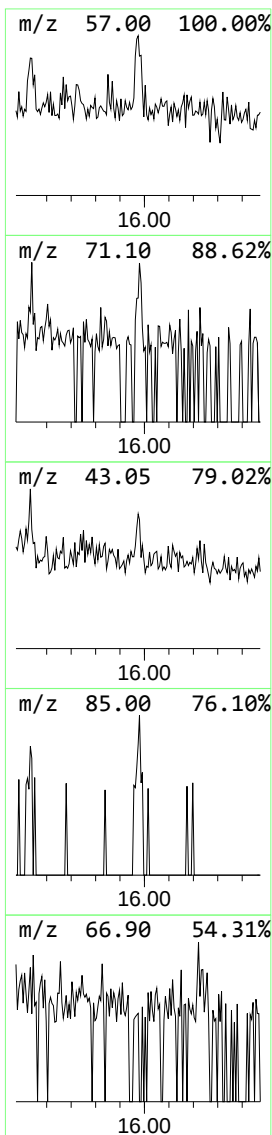
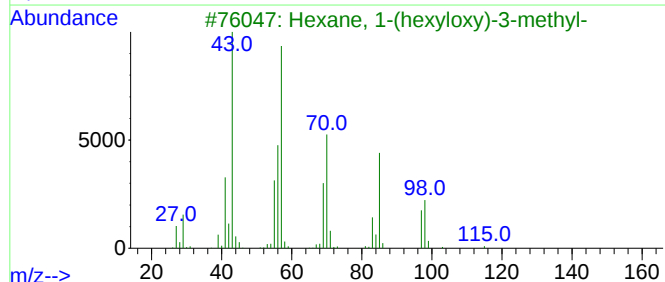
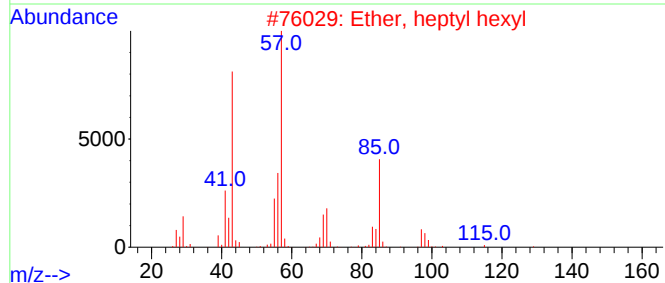
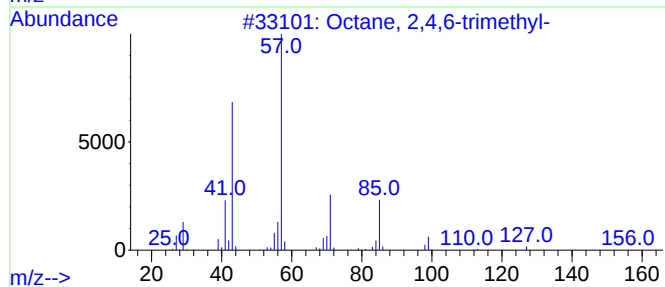
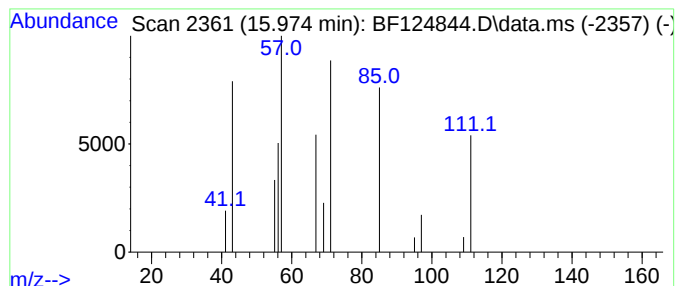
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.974 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	4.34 ng	5711	Perylene-d12	15.515

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	28
2		Ether, heptyl hexyl	200	C13H28O	007289-40-9	17
3		Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	10
4		Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	9
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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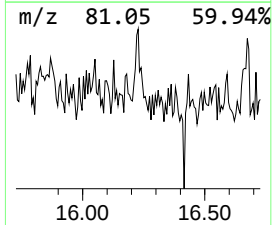
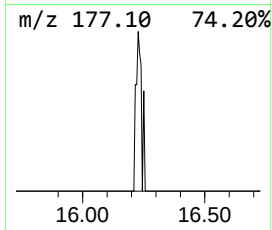
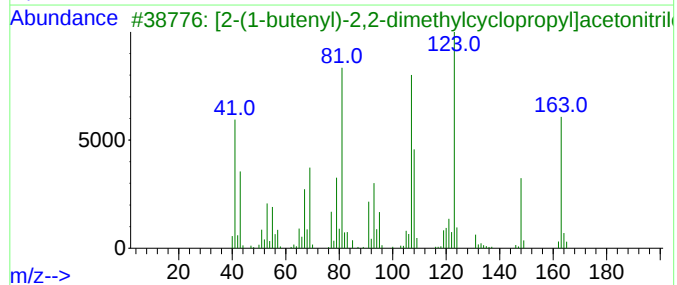
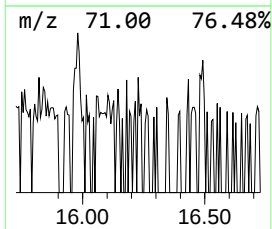
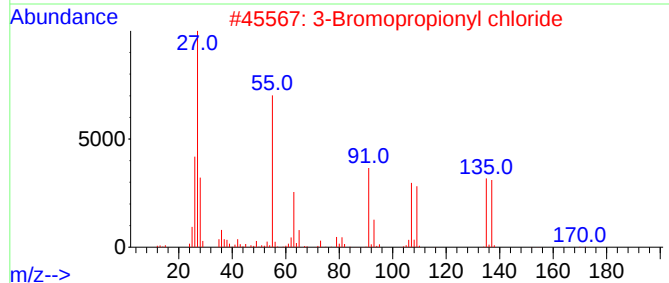
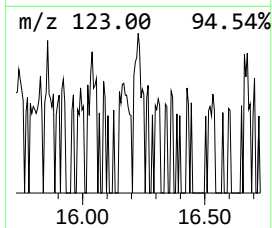
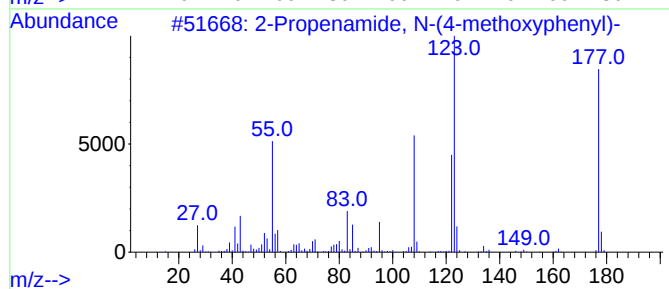
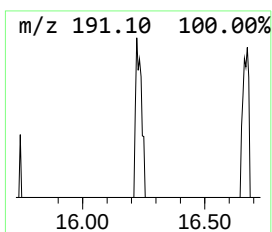
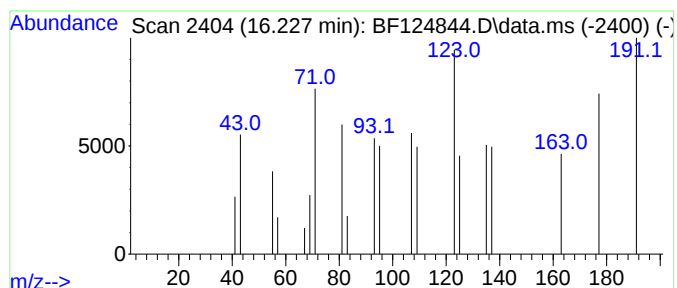
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.227 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	7.91 ng	10412	Perylene-d12	15.515

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propenamide, N-(4-methoxyphenyl)-	177	C10H11NO2	007766-37-2	18
2		3-Bromopropionyl chloride	170	C3H4BrClO	015486-96-1	14
3		[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	14
4		Bronopol	199	C3H6BrNO4	000052-51-7	12
5		(+)-2-Bromopropionyl chloride	170	C3H4BrClO	071425-59-7	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

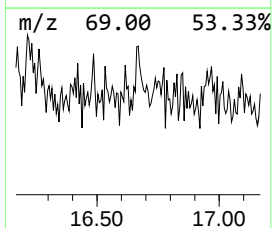
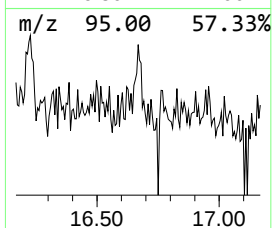
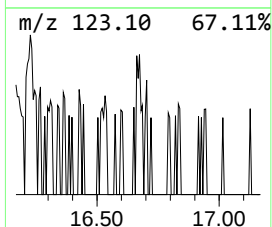
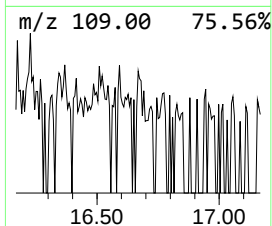
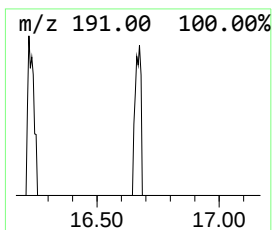
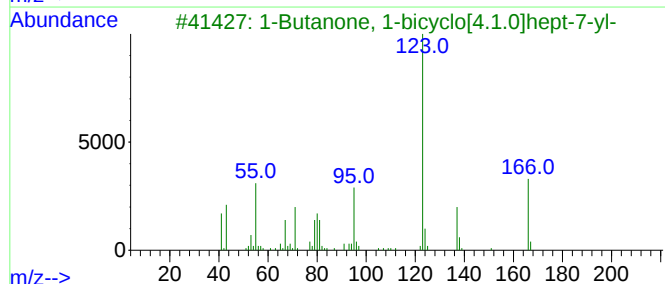
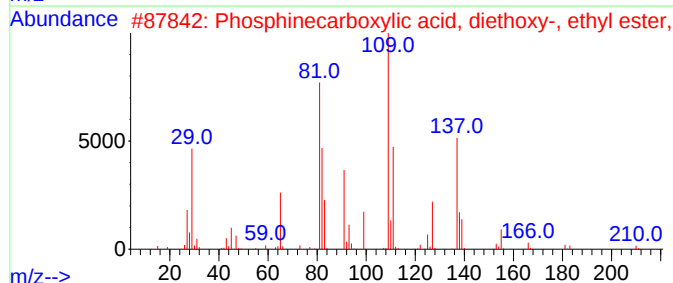
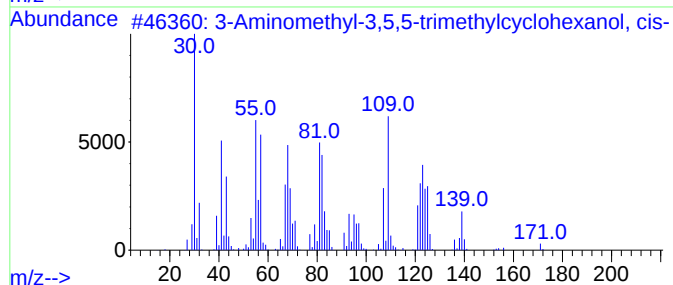
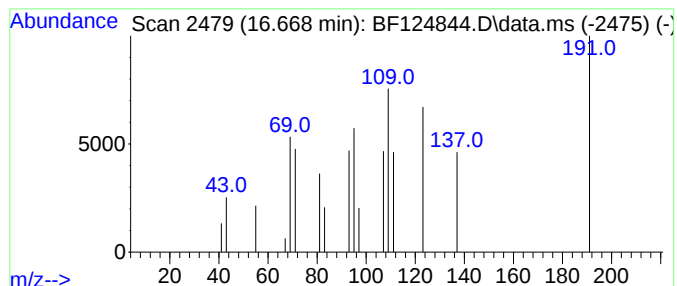
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.668 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.668	5.76 ng	7580	Perylene-d12	15.515

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Aminomethyl-3,5,5-trimethylcyc...	171	C10H21NO	130343-30-5	12
2		Phosphinecarboxylic acid, dietho...	210	C7H15O5P	001474-78-8	10
3		1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	9
4		1-Methylheptyl cis-2,2-dimethyl-...	280	C18H32O2	1000223-35-3	9
5		Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-072721

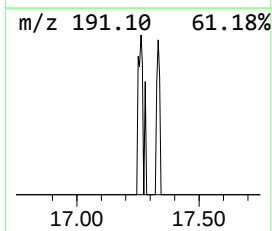
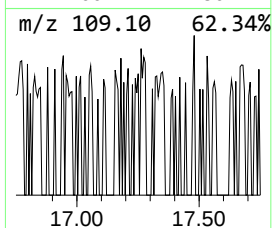
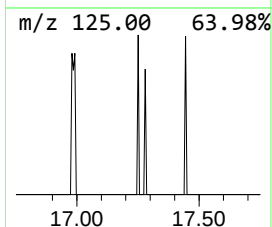
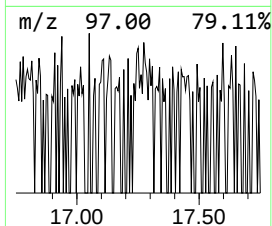
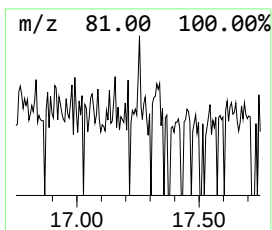
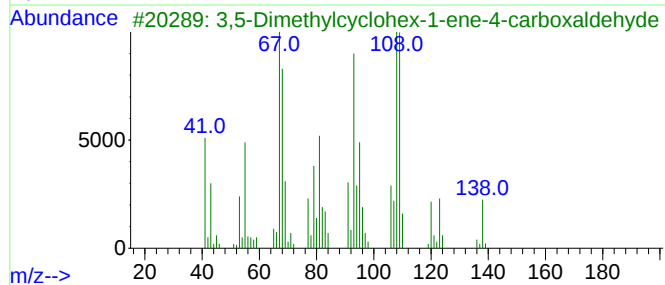
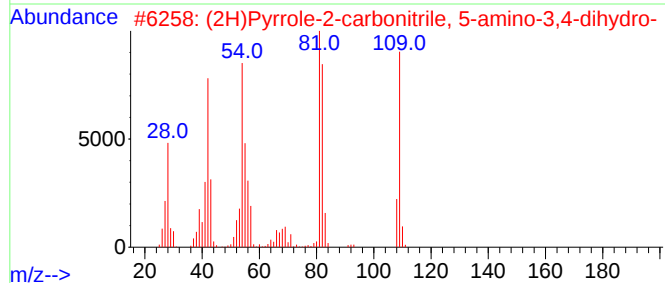
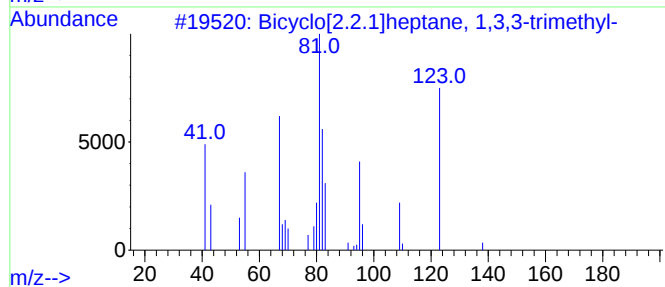
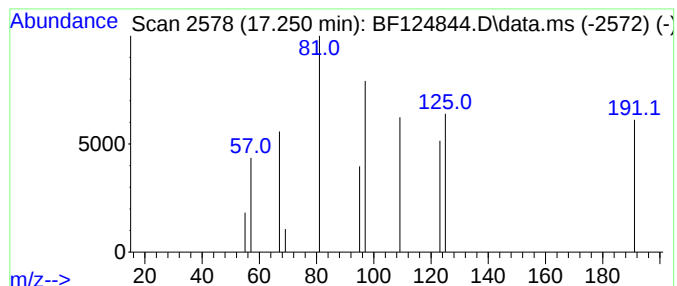
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.250 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	4.22 ng	5560	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	35
2			(2H)Pyrrole-2-carbonitrile, 5-am...	109	C5H7N3	1000196-60-1	9
3			3,5-Dimethylcyclohex-1-ene-4-car...	138	C9H14O	006975-94-6	9
4			(Z)-8-Hydroxy-4,7-dimethyl-oct-6...	168	C10H16O2	106542-12-5	9
5			3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

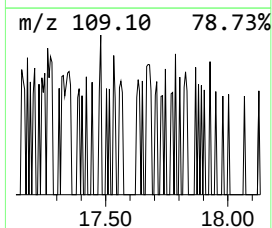
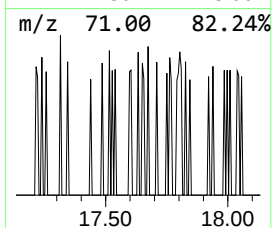
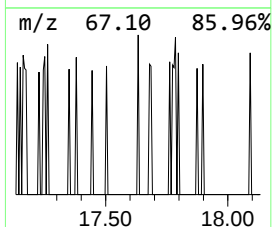
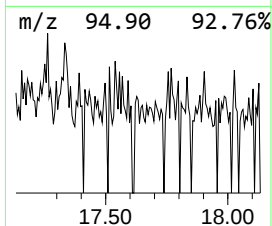
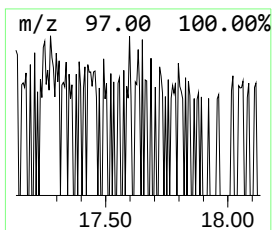
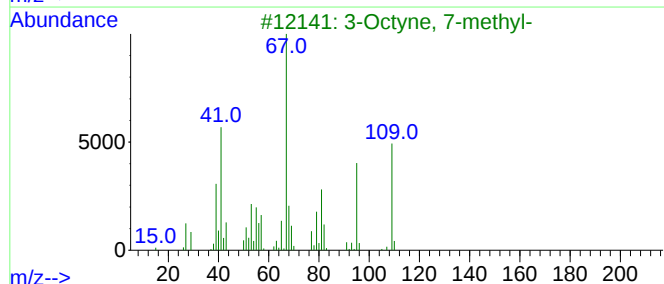
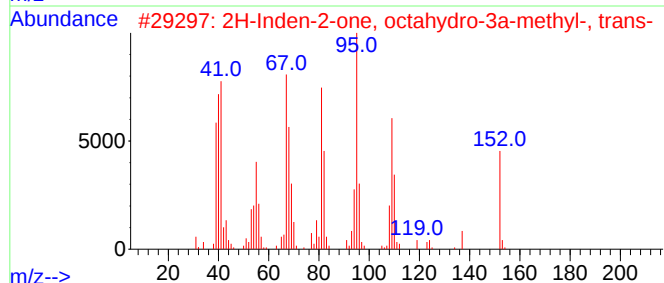
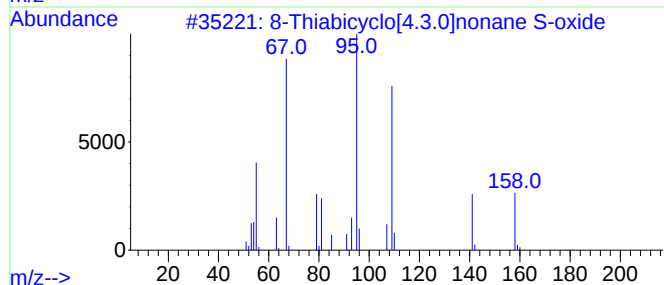
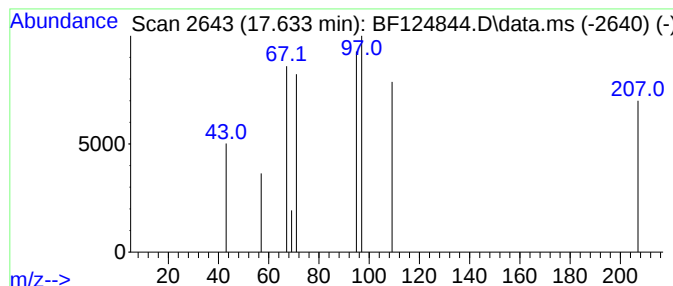
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.633 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	2.51 ng	3299	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Thiabicyclo[4.3.0]nonane S-oxide	158	C8H14OS	1010215-10-0	9
2			2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	020379-99-1	9
3			3-Octyne, 7-methyl-	124	C9H16	037050-06-9	9
4			Iridomyrmecin	168	C10H16O2	000485-43-8	9
5			2(1H)-Pyridinone	95	C5H5NO	000142-08-5	5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

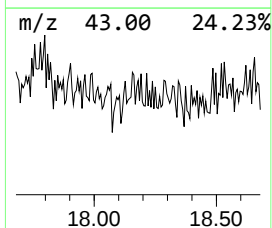
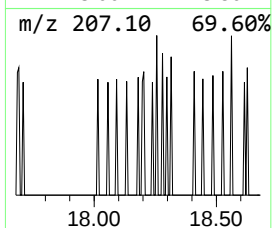
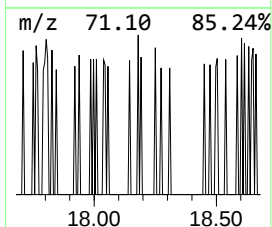
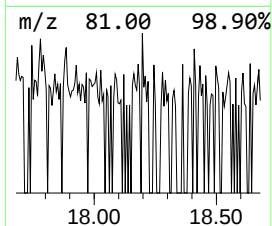
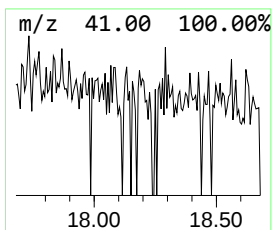
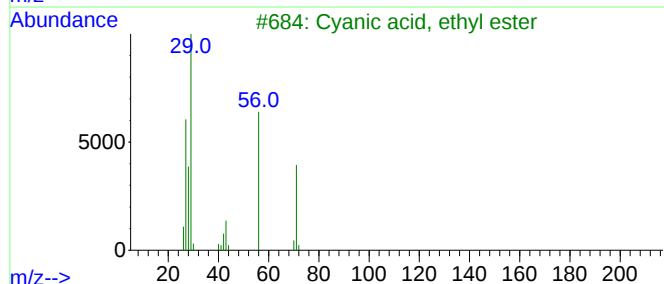
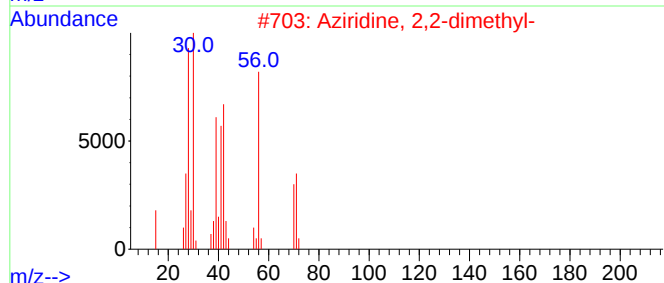
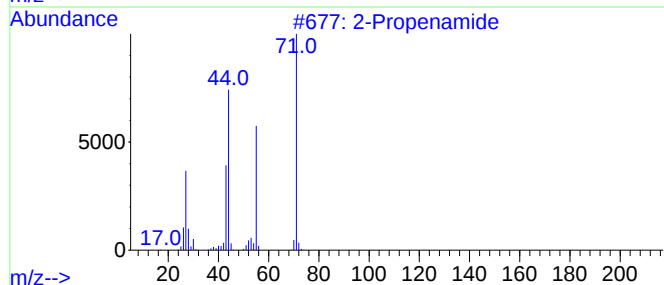
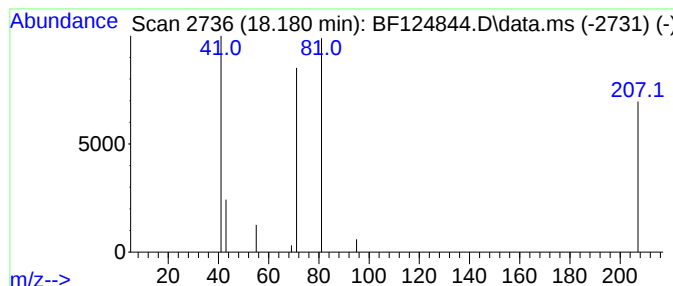
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.180 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	2.14 ng	2813	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenamide	71	C3H5NO	000079-06-1	4
2			Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	3
3			Cyanoic acid, ethyl ester	71	C3H5NO	000627-48-5	3
4			(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	3
5			Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124844.D
Acq On : 29 Jul 2021 00:17
Operator : JU/CG
Sample : M3204-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-072721

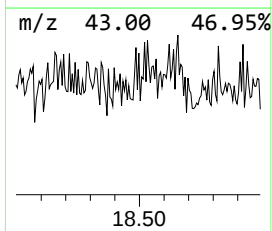
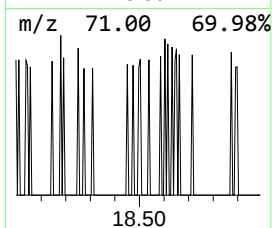
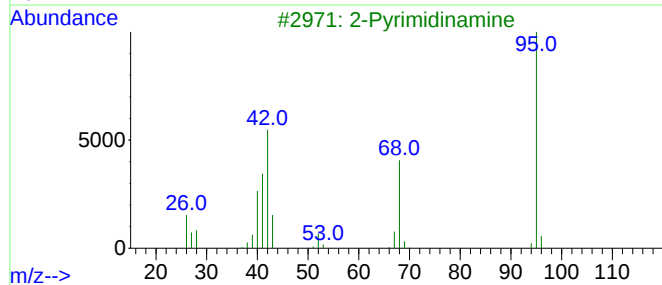
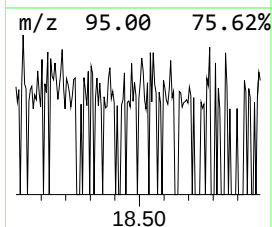
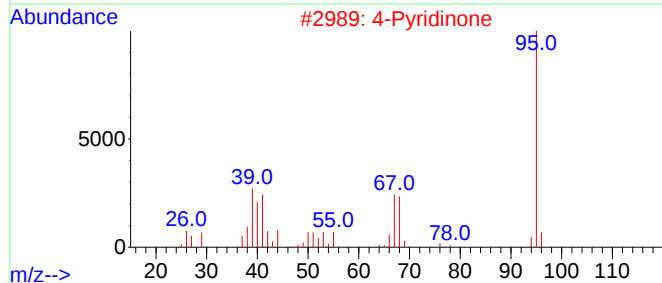
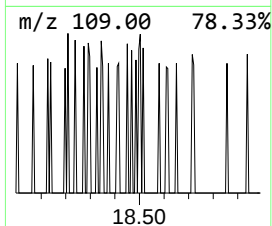
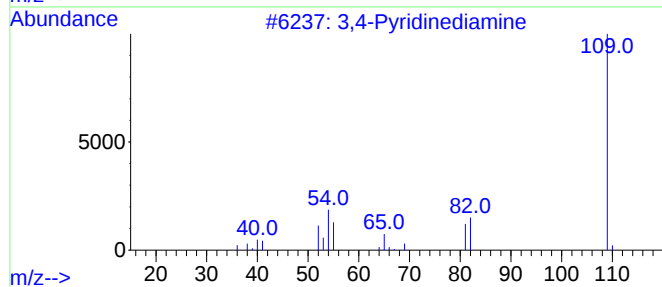
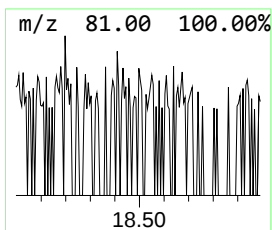
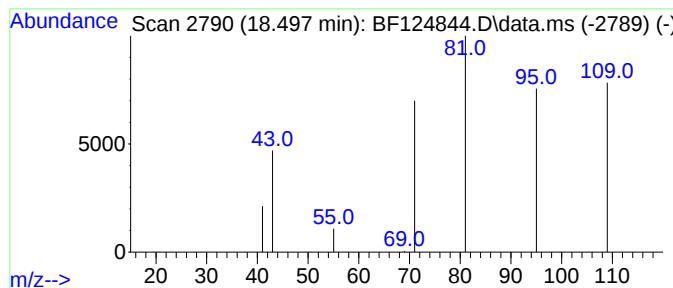
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.497 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.497	2.12 ng	2794	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Pyridinediamine	109	C5H7N3	000054-96-6	4
2			4-Pyridinone	95	C5H5NO	1000433-50-4	4
3			2-Pyrimidinamine	95	C4H5N3	000109-12-6	4
4			4-Pyridinol	95	C5H5NO	000626-64-2	4
5			Pyridine, 1-oxide	95	C5H5NO	000694-59-7	2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124844.D
 Acq On : 29 Jul 2021 00:17
 Operator : JU/CG
 Sample : M3204-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072721

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.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
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unknown9.169	9.169	2.3	ng	5445	3	9.910	48295	20.0
unknown9.304	9.304	4.3	ng	10408	3	9.910	48295	20.0
unknown9.627	9.627	4.0	ng	9736	3	9.910	48295	20.0
unknown9.833	9.833	4.9	ng	11923	3	9.910	48295	20.0
unknown10.333	10.333	3.4	ng	8143	3	9.910	48295	20.0
unknown10.551	10.551	2.5	ng	5974	3	9.910	48295	20.0
Oxalic acid, al...	10.810	5.2	ng	10003	4	11.398	38884	20.0
unknown11.916	11.916	2.1	ng	4034	4	11.398	38884	20.0
Sulfurous acid,...	14.198	2.7	ng	6468	5	14.039	48007	20.0
Benzo[e]pyrene	15.386	7.3	ng	9591	6	15.515	26327	20.0
unknown15.668	15.668	4.6	ng	6046	6	15.515	26327	20.0
unknown15.974	15.974	4.3	ng	5711	6	15.515	26327	20.0
unknown16.227	16.227	7.9	ng	10412	6	15.515	26327	20.0
unknown16.668	16.668	5.8	ng	7580	6	15.515	26327	20.0
unknown17.250	17.250	4.2	ng	5560	6	15.515	26327	20.0
unknown17.633	17.633	2.5	ng	3299	6	15.515	26327	20.0
unknown18.180	18.180	2.1	ng	2813	6	15.515	26327	20.0
unknown18.497	18.497	2.1	ng	2794	6	15.515	26327	20.0