

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110417\
 Data File : BF100183.D
 Acq On : 4 Nov 2017 17:23
 Operator : SJ/JU
 Sample : I6208-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTEWATER

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.293	371	375	386	rBV2	551374	872222	7.31%	0.647%
2	4.451	398	402	419	rVB	568530	723212	6.06%	0.536%
3	5.357	549	556	564	rBV	1718207	2539094	21.27%	1.882%
4	5.416	564	566	580	rVV	643794	815656	6.83%	0.605%
5	5.522	580	584	589	rVB	1073007	1050659	8.80%	0.779%
6	5.651	601	606	612	rVB3	182278	246206	2.06%	0.183%
7	5.816	630	634	640	rVV	328740	343578	2.88%	0.255%
8	6.351	722	725	728	rVV	517146	446624	3.74%	0.331%
9	6.428	735	738	741	rBV3	292692	379118	3.18%	0.281%
10	6.481	741	747	752	rVV	751899	953606	7.99%	0.707%
11	6.545	755	758	762	rVV	1295126	1482496	12.42%	1.099%
12	6.581	762	764	769	rVB	343088	316310	2.65%	0.234%
13	6.698	778	784	786	rBV	380277	350070	2.93%	0.260%
14	6.722	786	788	793	rVB	330033	311307	2.61%	0.231%
15	6.763	793	795	801	rBV	496109	539445	4.52%	0.400%
16	6.869	801	813	815	rBV	4198254	10649867	89.20%	7.895%
17	6.922	818	822	827	rVB	2047980	1974941	16.54%	1.464%
18	7.345	889	894	898	rVV2	2032021	2451904	20.54%	1.818%
19	7.710	909	956	959	rVB2	1585657	11938649	100.00%	8.851%
20	7.945	983	996	997	rBV	674192	1789286	14.99%	1.326%
21	7.975	997	1001	1003	rVV	461509	569357	4.77%	0.422%
22	8.045	1010	1013	1022	rVB	735198	744095	6.23%	0.552%
23	8.457	1076	1083	1086	rBV	403202	587660	4.92%	0.436%
24	9.004	1169	1176	1179	rBV	387839	563830	4.72%	0.418%
25	9.122	1191	1196	1202	rBV	2781577	3125873	26.18%	2.317%
26	9.186	1202	1207	1209	rVV	584381	542105	4.54%	0.402%
27	9.592	1273	1276	1279	rVV	569790	544198	4.56%	0.403%
28	9.710	1294	1296	1299	rVV	413002	379993	3.18%	0.282%
29	9.751	1299	1303	1307	rVV	2341893	2399285	20.10%	1.779%
30	9.798	1307	1311	1315	rVV	926505	1027100	8.60%	0.761%
31	10.057	1343	1355	1358	rBV	1259087	2583258	21.64%	1.915%
32	10.110	1361	1364	1369	rVV	820584	693856	5.81%	0.514%
33	10.204	1377	1380	1383	rVV	1128349	943443	7.90%	0.699%
34	10.475	1421	1426	1430	rVB2	2071700	1948373	16.32%	1.444%

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35	10.598	1444	1447	1453	rVB2	1460154	1426773	11.95%	1.058%
36	10.669	1454	1459	1465	rBV2	866762	1102734	9.24%	0.818%
37	10.798	1478	1481	1483	rBV	538543	483249	4.05%	0.358%
38	10.827	1483	1486	1488	rVV	1141715	1080409	9.05%	0.801%
39	10.851	1488	1490	1497	rVB	878627	988877	8.28%	0.733%
40	10.963	1505	1509	1513	rBV	494488	474005	3.97%	0.351%
41	11.057	1518	1525	1531	rVB3	1197652	1625037	13.61%	1.205%
42	11.110	1531	1534	1537	rBV	181264	242492	2.03%	0.180%
43	11.145	1537	1540	1545	rVV	714578	707175	5.92%	0.524%
44	11.216	1550	1552	1556	rVV	202366	263062	2.20%	0.195%
45	11.292	1562	1565	1569	rVV	836336	946055	7.92%	0.701%
46	11.333	1569	1572	1575	rVV2	614729	526540	4.41%	0.390%
47	11.492	1594	1599	1604	rBV2	579209	627400	5.26%	0.465%
48	11.816	1650	1654	1657	rBV	411133	485953	4.07%	0.360%
49	11.992	1681	1684	1686	rVV	463427	376668	3.16%	0.279%
50	12.021	1686	1689	1692	rVV	1838266	2003018	16.78%	1.485%
51	12.045	1692	1693	1696	rVB	663091	421375	3.53%	0.312%
52	12.121	1696	1706	1709	rBV	1195762	2383795	19.97%	1.767%
53	12.169	1712	1714	1717	rVB	346707	313930	2.63%	0.233%
54	12.204	1717	1720	1724	rVB	319813	277947	2.33%	0.206%
55	12.245	1724	1727	1728	rBV	301497	279006	2.34%	0.207%
56	12.316	1734	1739	1744	rBV4	624371	917795	7.69%	0.680%
57	12.357	1744	1746	1751	rVV3	490567	725272	6.07%	0.538%
58	12.433	1757	1759	1761	rVV	385064	345310	2.89%	0.256%
59	12.474	1764	1766	1771	rVV4	382367	498324	4.17%	0.369%
60	12.533	1773	1776	1779	rVV2	586815	571690	4.79%	0.424%
61	12.574	1779	1783	1789	rVV2	1357000	2551589	21.37%	1.892%
62	12.616	1789	1790	1793	rVV2	583992	563319	4.72%	0.418%
63	12.645	1793	1795	1797	rVV2	469565	473439	3.97%	0.351%
64	12.669	1797	1799	1802	rVV	539752	440025	3.69%	0.326%
65	12.710	1802	1806	1809	rVB2	591513	698911	5.85%	0.518%
66	12.745	1809	1812	1818	rBV3	1198801	1529763	12.81%	1.134%
67	12.816	1819	1824	1826	rVV	3009476	4655140	38.99%	3.451%
68	12.833	1826	1827	1830	rVV	2279163	1352463	11.33%	1.003%
69	12.874	1831	1834	1837	rVV	1720271	2119734	17.76%	1.571%
70	12.910	1837	1840	1842	rVV	1200818	1344484	11.26%	0.997%
71	12.939	1842	1845	1849	rVV2	1401139	1526194	12.78%	1.131%

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72	12.980	1850	1852	1855	rVB	300770	255850	2.14%	0.190%
73	13.010	1855	1857	1861	rVB2	289716	276164	2.31%	0.205%
74	13.063	1863	1866	1868	rBV2	285829	340227	2.85%	0.252%
75	13.186	1881	1887	1889	rBV	3663986	4436831	37.16%	3.289%
76	13.274	1899	1902	1904	rVB	553723	487895	4.09%	0.362%
77	13.427	1925	1928	1932	rVB	1541825	1598435	13.39%	1.185%
78	13.498	1937	1940	1942	rVV	232494	259893	2.18%	0.193%
79	13.539	1942	1947	1949	rVV	2872441	4294818	35.97%	3.184%
80	13.568	1949	1952	1959	rVV2	3500403	5366738	44.95%	3.979%
81	13.621	1959	1961	1962	rVV	778820	725666	6.08%	0.538%
82	13.663	1962	1968	1972	rVB3	1660035	3563126	29.85%	2.641%
83	13.768	1980	1986	1989	rBV	2759229	3240859	27.15%	2.403%
84	13.880	2000	2005	2008	rBV	3079010	3171731	26.57%	2.351%
85	13.951	2014	2017	2019	rBV	368548	355607	2.98%	0.264%
86	13.974	2019	2021	2029	rVB	569607	555794	4.66%	0.412%
87	14.174	2052	2055	2060	rBV2	321701	404114	3.38%	0.300%
88	14.227	2061	2064	2066	rVV	285449	344284	2.88%	0.255%
89	14.251	2066	2068	2071	rVB	297421	266353	2.23%	0.197%
90	14.286	2071	2074	2080	rBV3	331704	407073	3.41%	0.302%
91	14.380	2086	2090	2093	rVB2	1249711	1261633	10.57%	0.935%
92	14.745	2148	2152	2156	rVB2	244494	295692	2.48%	0.219%
93	14.792	2156	2160	2163	rBV	461701	585162	4.90%	0.434%
94	15.027	2194	2200	2205	rVV2	2404759	3357825	28.13%	2.489%
95	15.068	2205	2207	2218	rVB2	211934	303706	2.54%	0.225%
96	15.404	2261	2264	2273	rVB	316231	415679	3.48%	0.308%
97	16.080	2375	2379	2386	rVB3	209131	409633	3.43%	0.304%
98	16.162	2388	2393	2400	rVB4	147108	279960	2.34%	0.208%
99	17.951	2683	2697	2714	rVB3	421471	2102665	17.61%	1.559%
100	18.774	2826	2837	2862	rVB2	351093	1351569	11.32%	1.002%

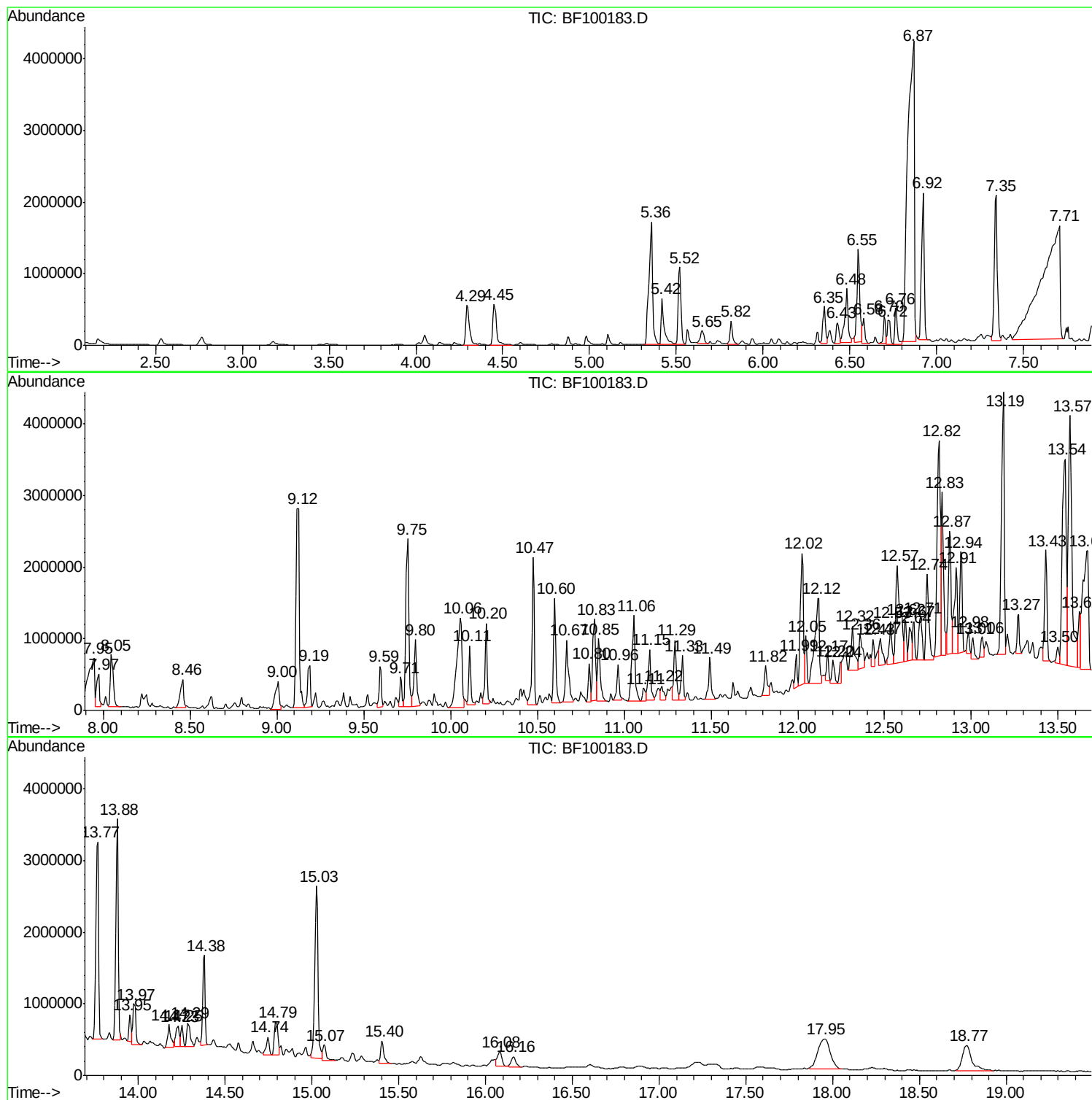
Sum of corrected areas: 134890610

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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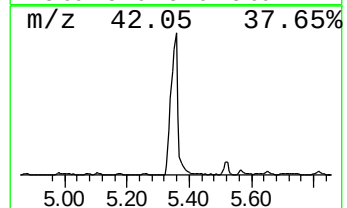
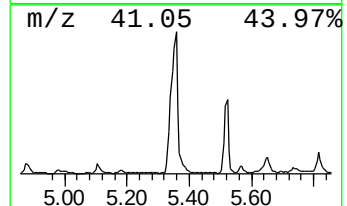
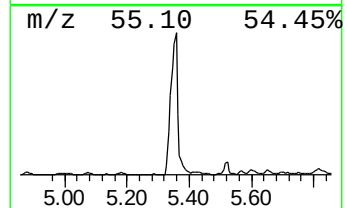
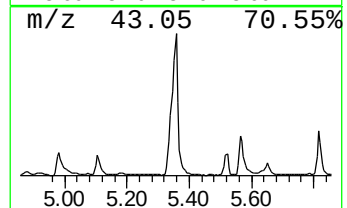
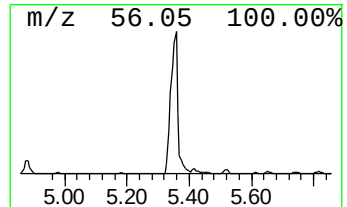
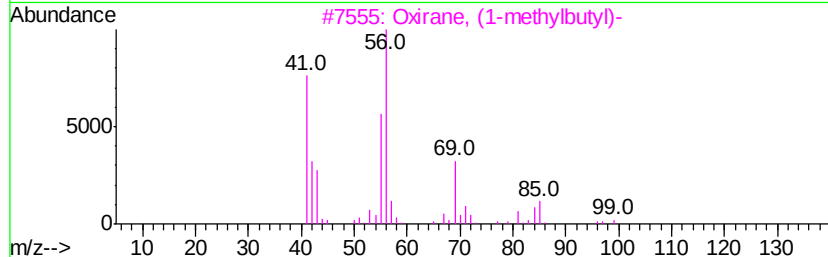
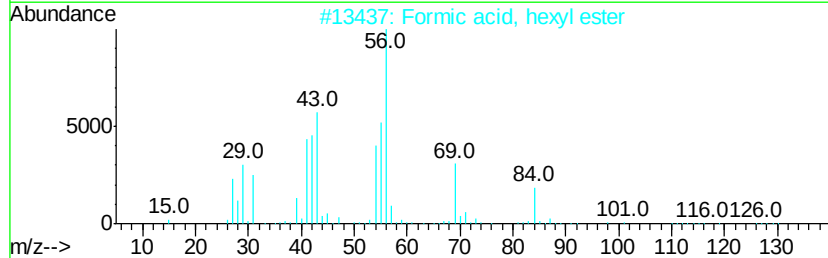
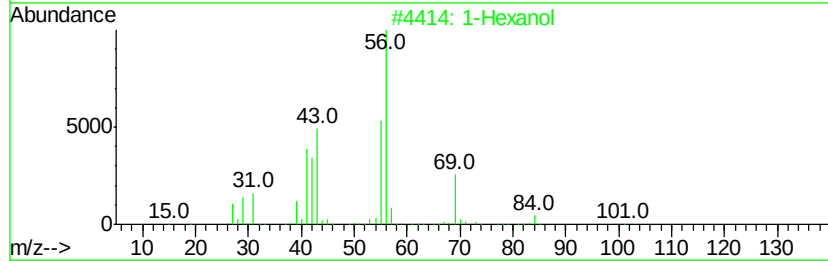
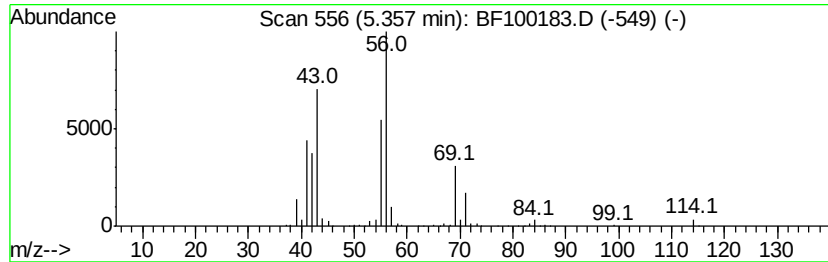
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	94.14 ng	2539090	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol	102	C6H14O	000111-27-3	78
2		Formic acid, hexyl ester	130	C7H14O2	000629-33-4	64
3		Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	56
4		Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	50
5		1-Butanol	74	C4H10O	000071-36-3	50



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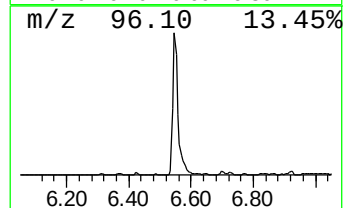
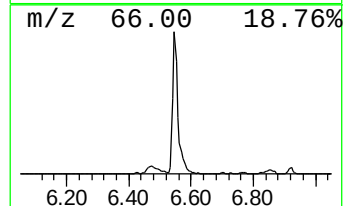
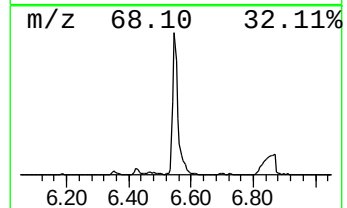
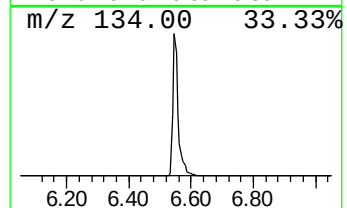
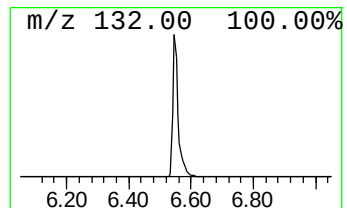
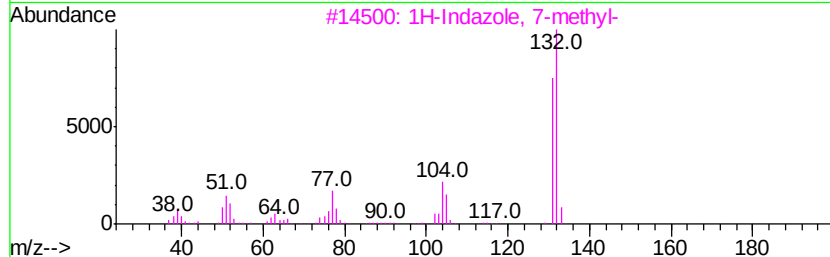
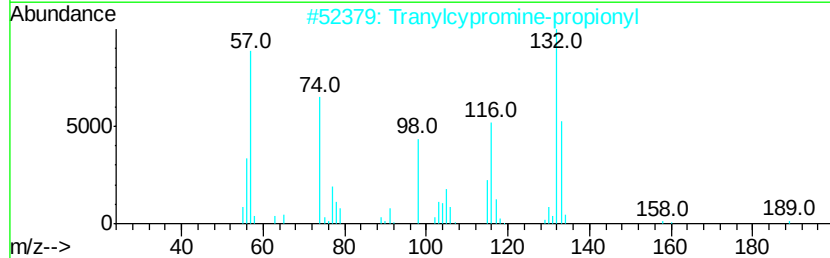
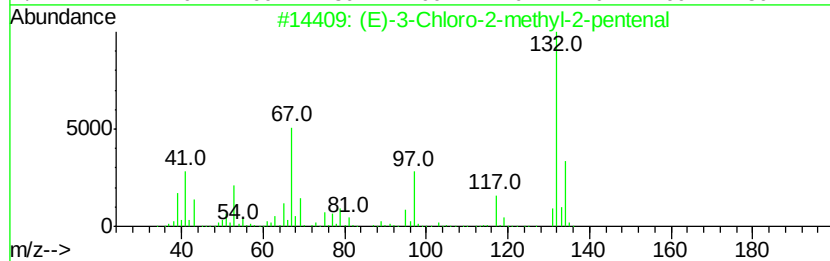
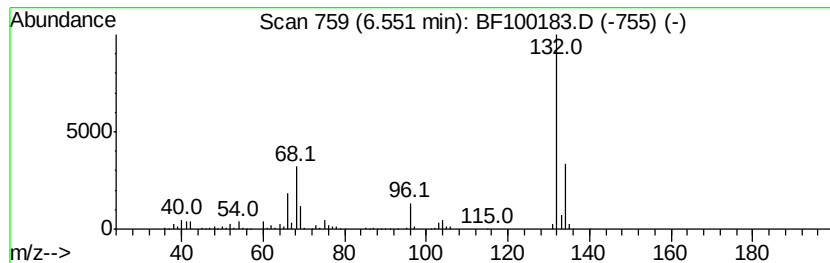
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.55 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	54.96 ng	1482500	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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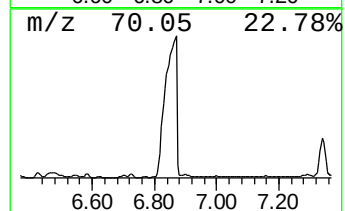
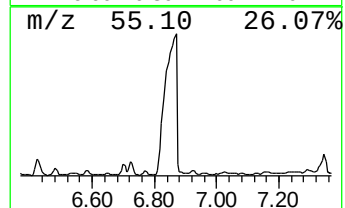
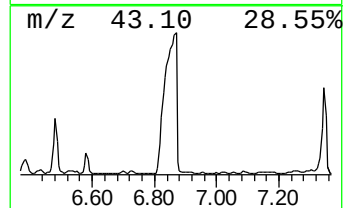
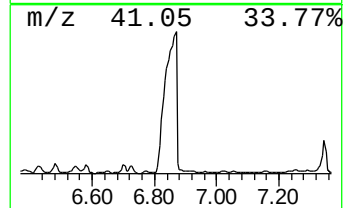
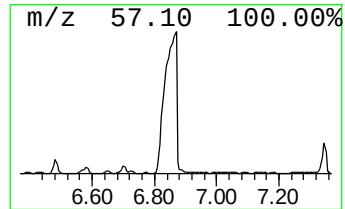
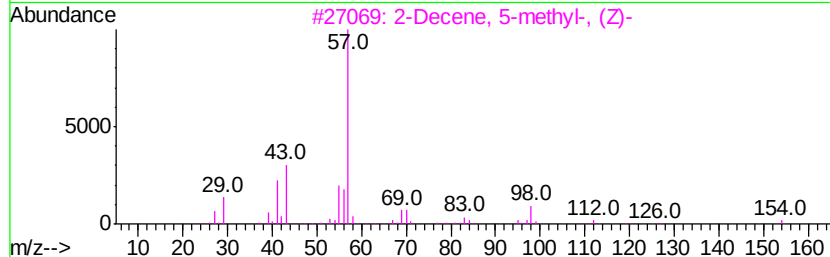
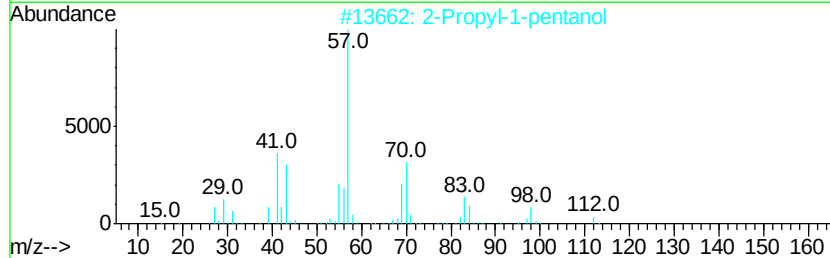
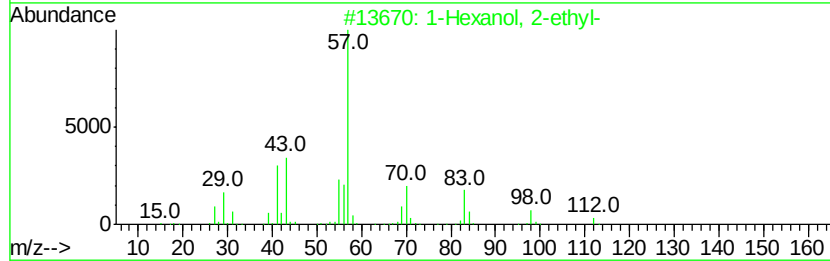
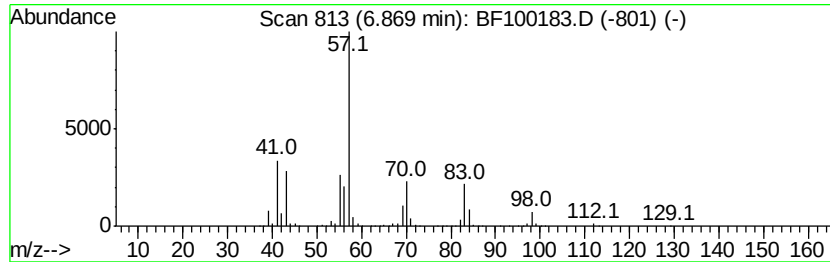
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	394.85 ng	10649900	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3		2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	50
4		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	47
5		Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	45



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Operator : SJ/JU
Sample : I6208-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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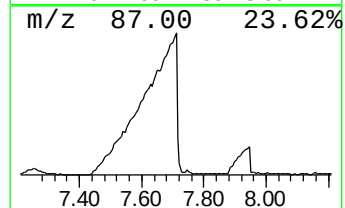
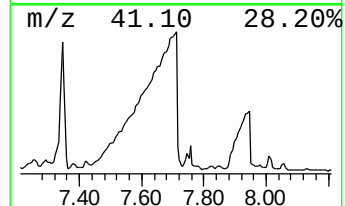
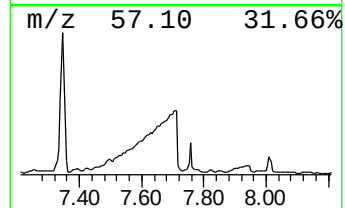
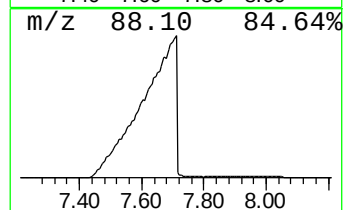
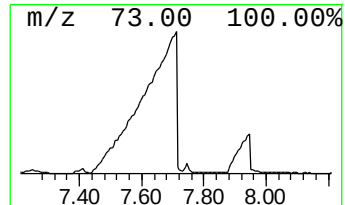
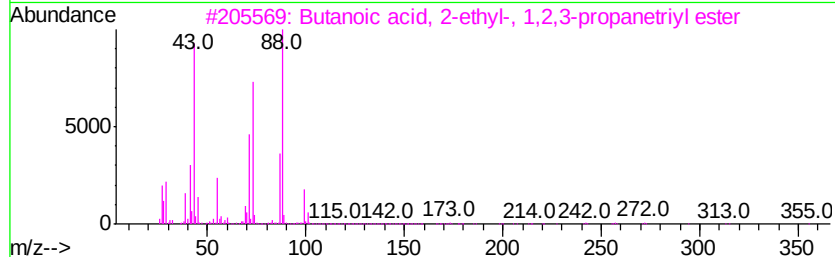
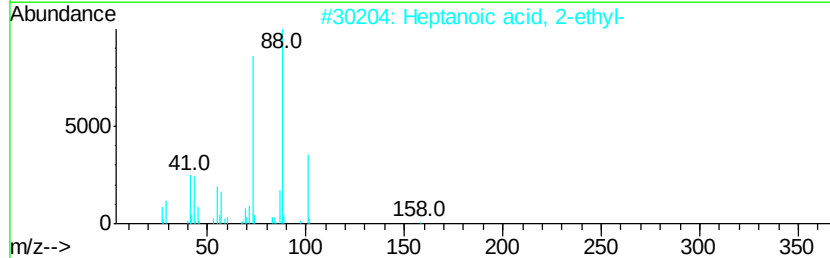
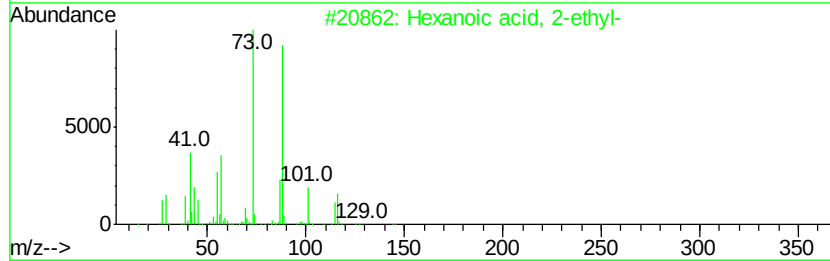
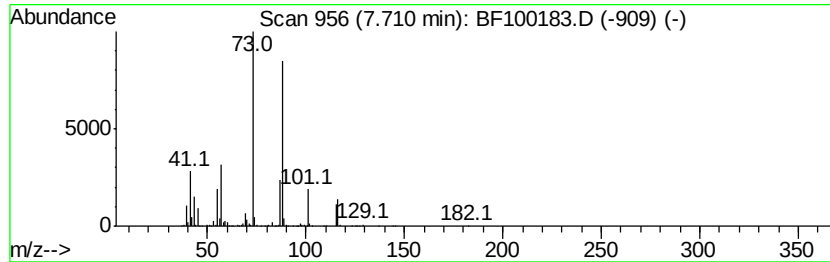
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	320.89 ng	11938600	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
4		1,4-Dioxane	88	C4H8O2	000123-91-1	37
5		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33



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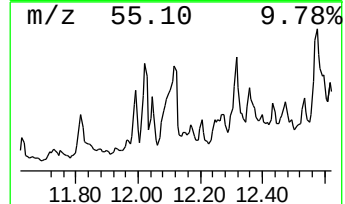
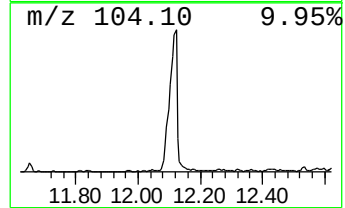
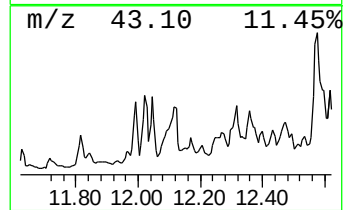
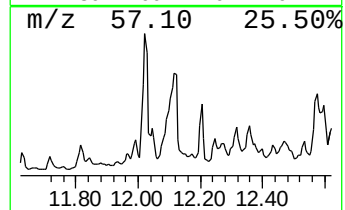
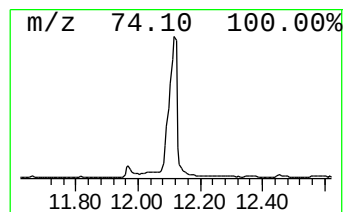
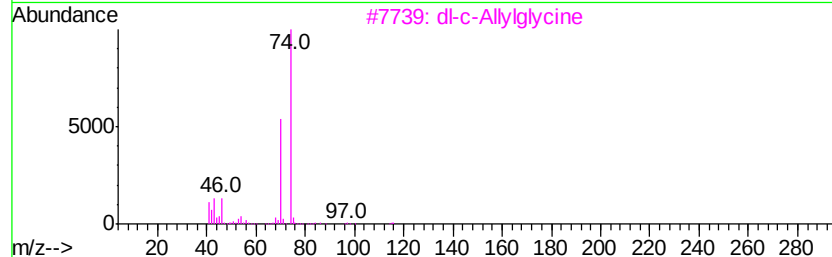
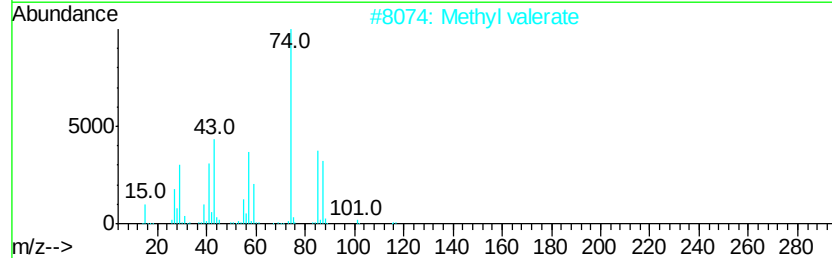
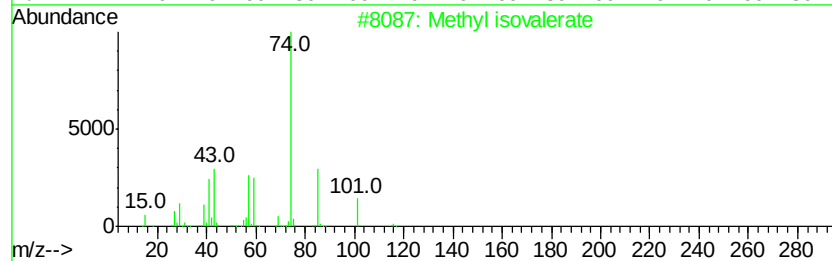
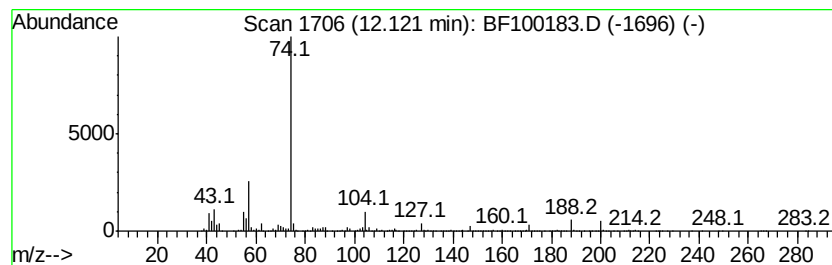
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown12.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	50.39 ng	2383800	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl isovalerate	116	C6H12O2	000556-24-1	40
2		Methyl valerate	116	C6H12O2	000624-24-8	40
3		dl-c-Allylglycine	115	C5H9NO2	007685-44-1	33
4		Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	33
5		2-Methylheptanoic acid	144	C8H16O2	001188-02-9	33



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
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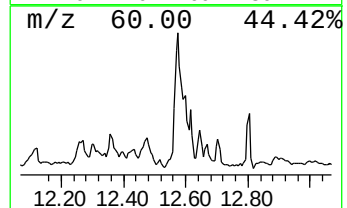
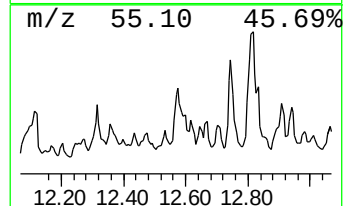
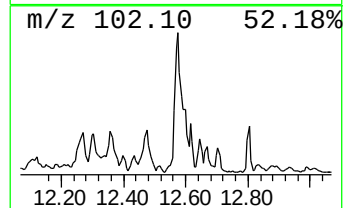
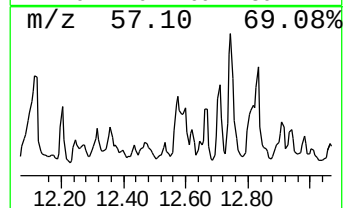
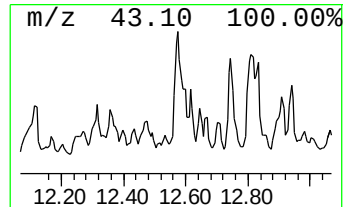
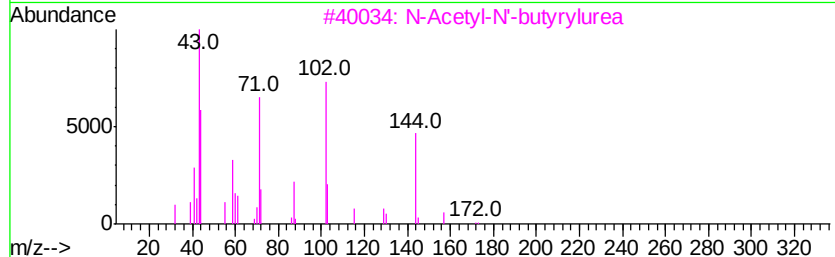
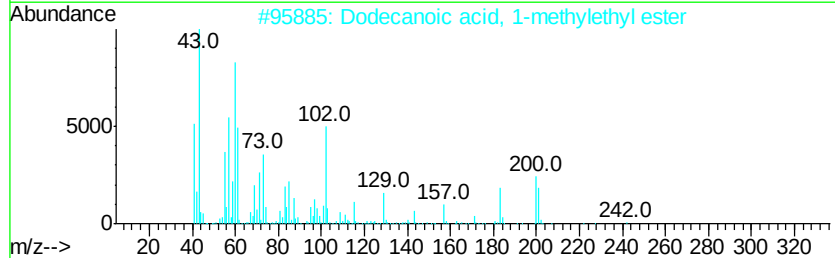
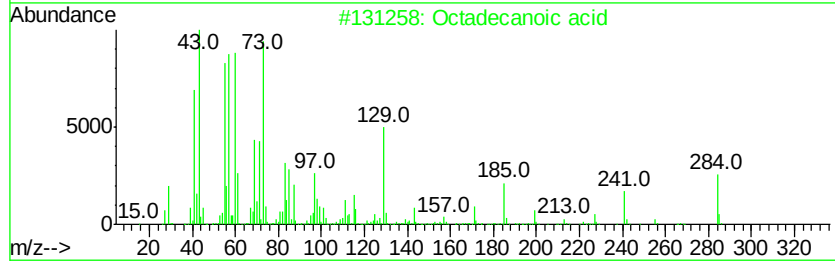
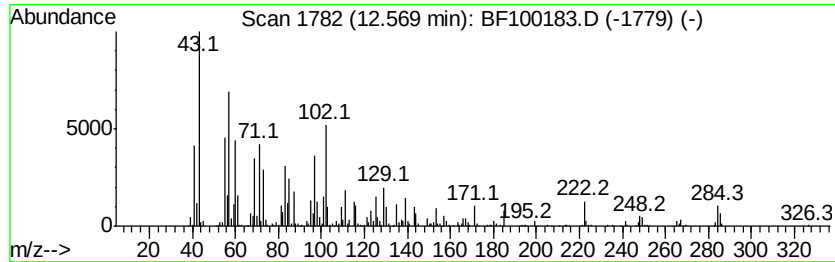
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown12.57 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.57	53.94 ng	2551590	Phenanthrene-d10		11.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	46
2	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	35
3	N-Acetyl-N'-butyrylurea	172	C7H12N2O3	1000112-21-0	27
4	Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	18
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	14



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
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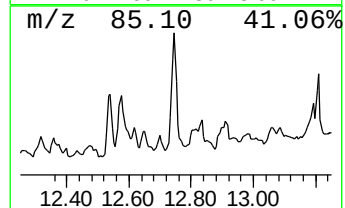
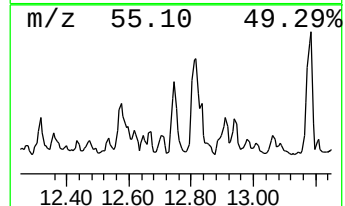
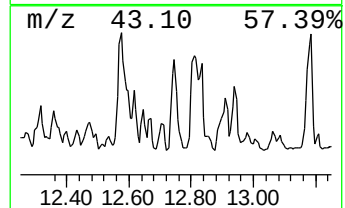
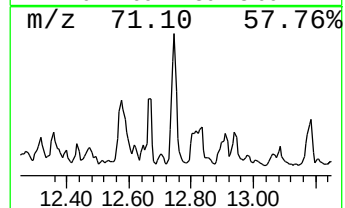
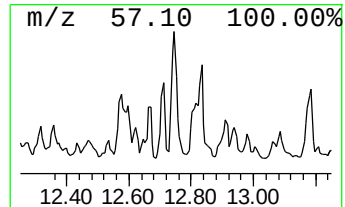
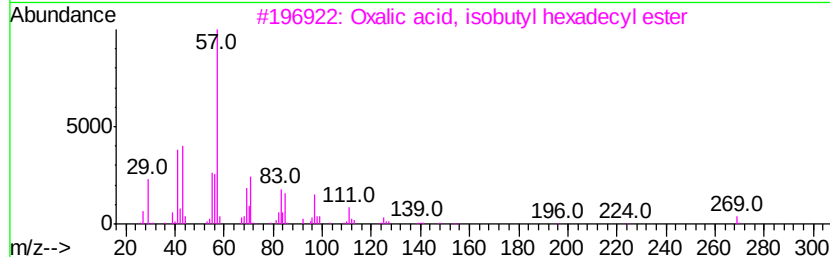
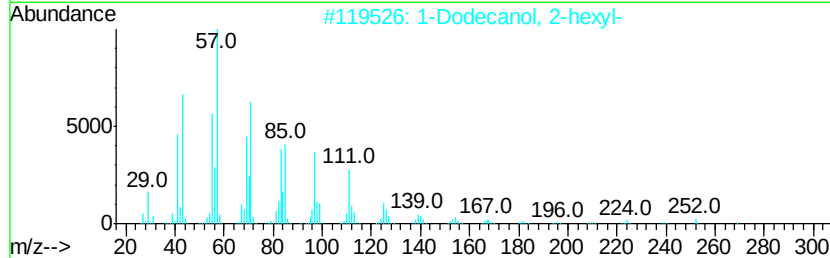
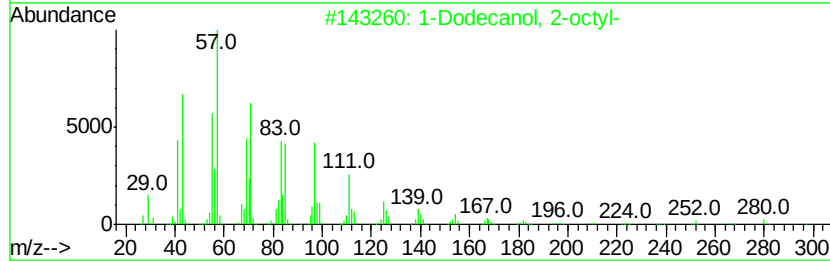
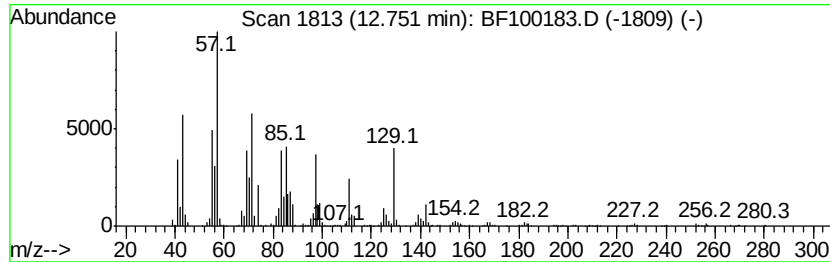
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Dodecanol, 2-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.75	86.04 ng	1529760	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
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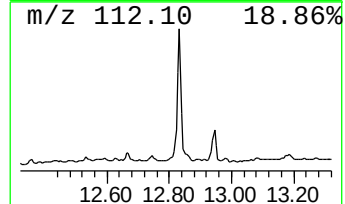
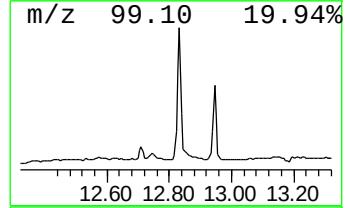
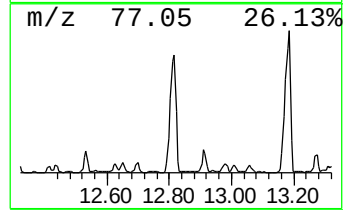
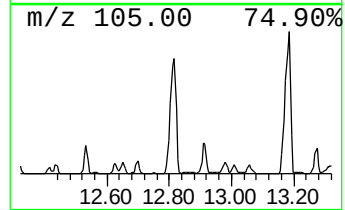
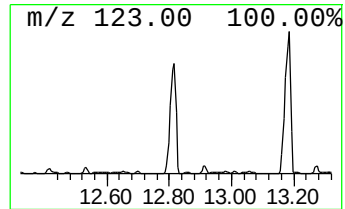
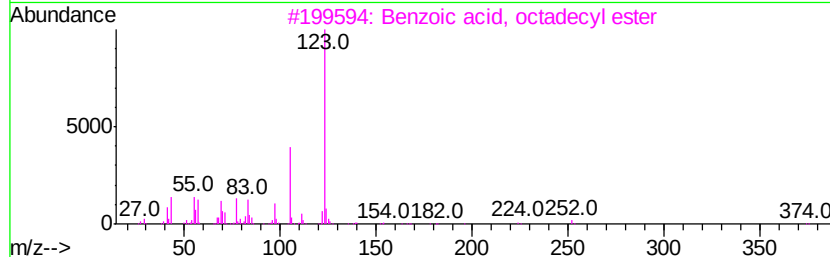
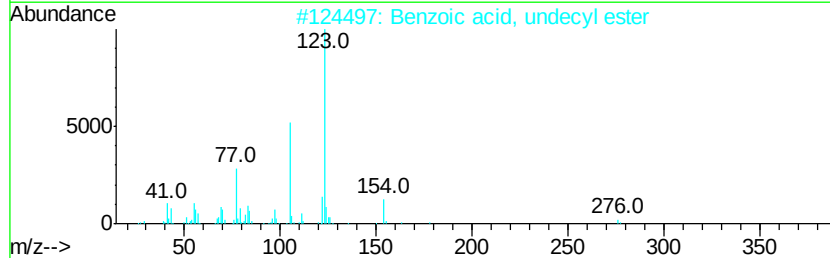
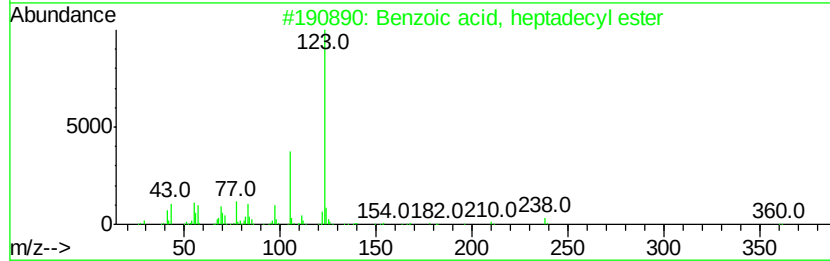
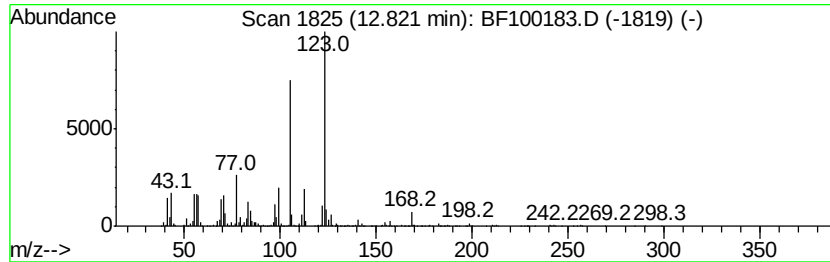
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzoic acid, heptadecyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	261.81 ng	4655140	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
2		Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	90
3		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
4		Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	86
5		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	86



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
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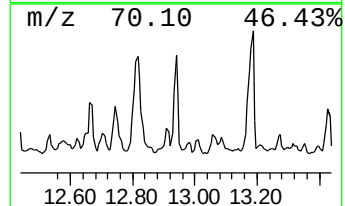
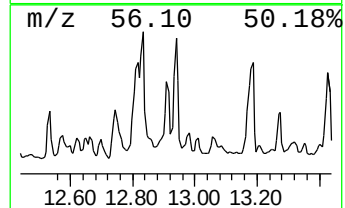
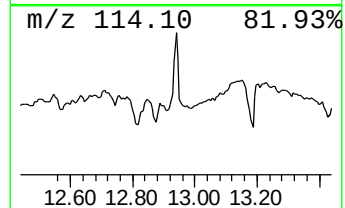
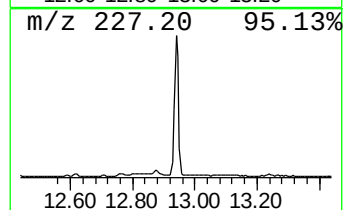
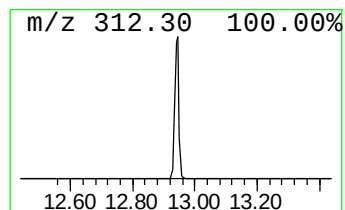
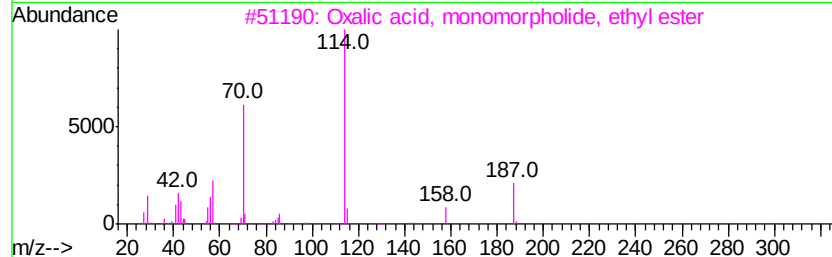
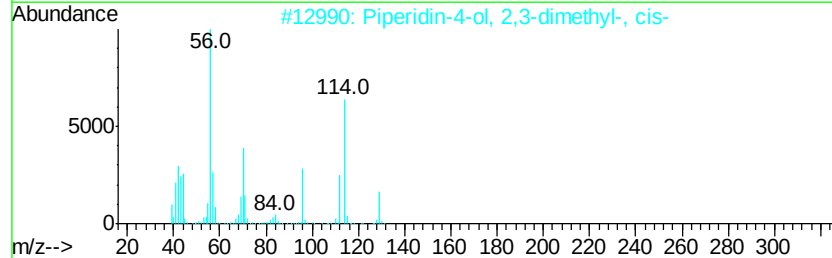
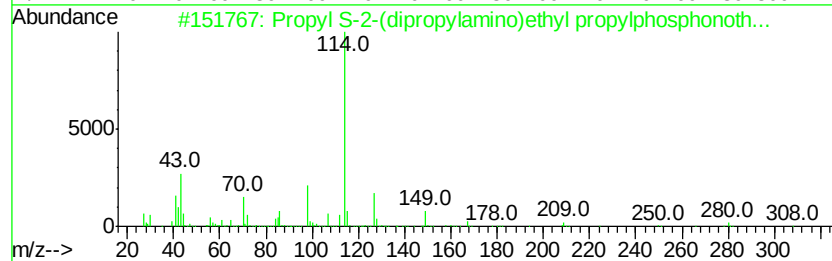
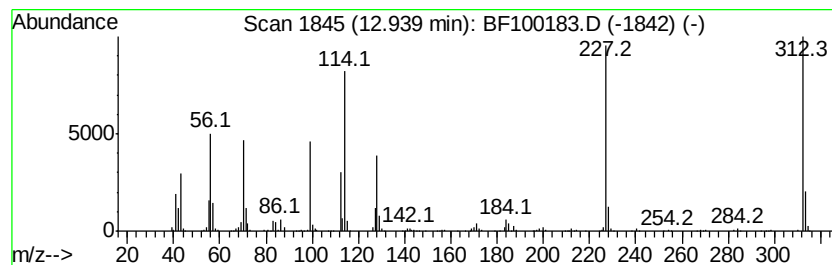
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.94 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	85.84 ng	1526190	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propyl S-2-(dipropylamino)ethyl ...	309	C14H32N02PS	1000298-41-5	10
2		Piperidin-4-ol, 2,3-dimethyl-, cis-	129	C7H15NO	305383-19-1	10
3		Oxalic acid, monomorpholide, eth...	187	C8H13N04	1000309-44-3	10
4		1H-Pyrrole-2,5-dione, 3-amino-4-...	227	C12H9N3O2	1000319-78-0	10
5		Oxalic acid, monomorpholide, oct...	271	C14H25N04	1000309-44-9	10



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
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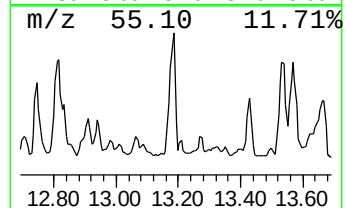
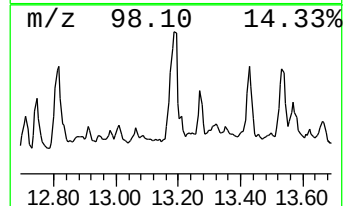
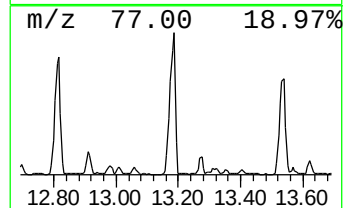
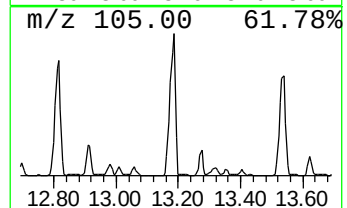
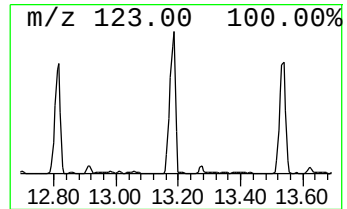
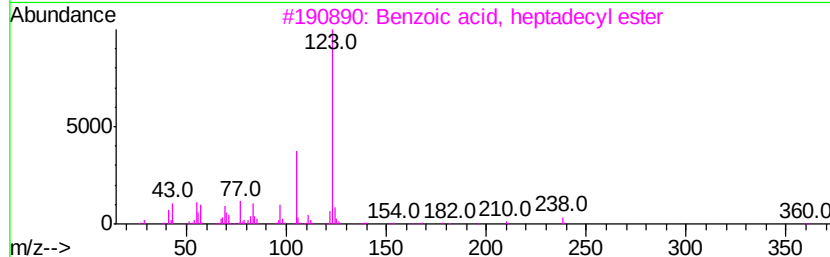
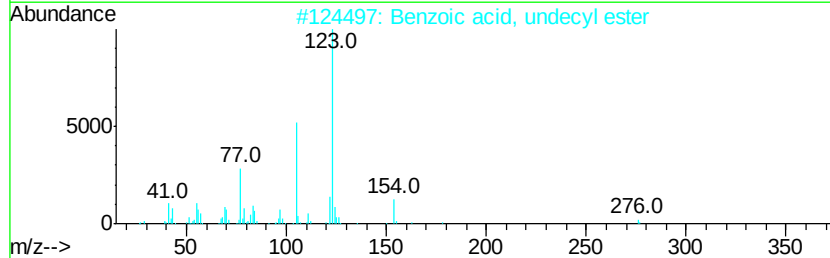
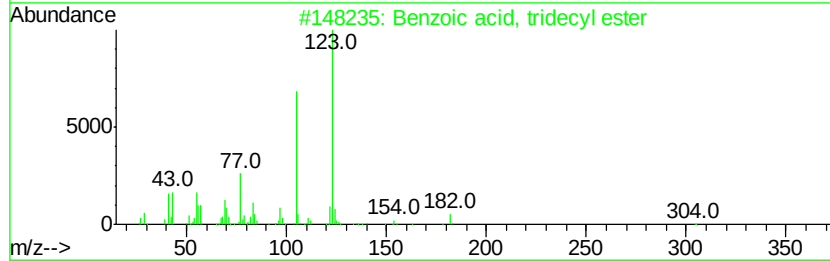
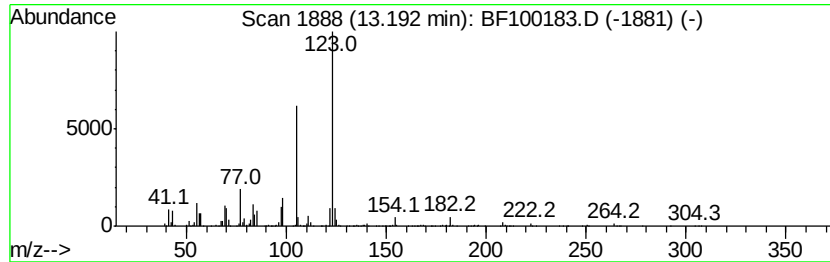
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzoic acid, tridecyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	249.54 ng	4436830	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	91
3		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	90
4		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	86
5		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100183.D
Acq On : 4 Nov 2017 17:23
Operator : SJ/JU
Sample : I6208-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTEWATER

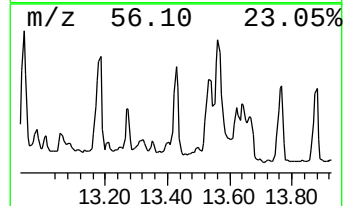
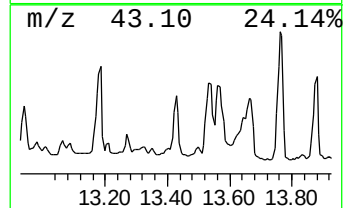
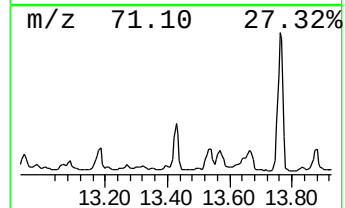
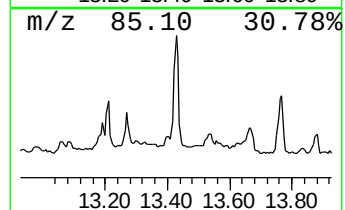
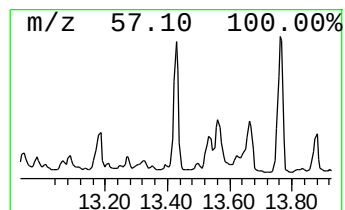
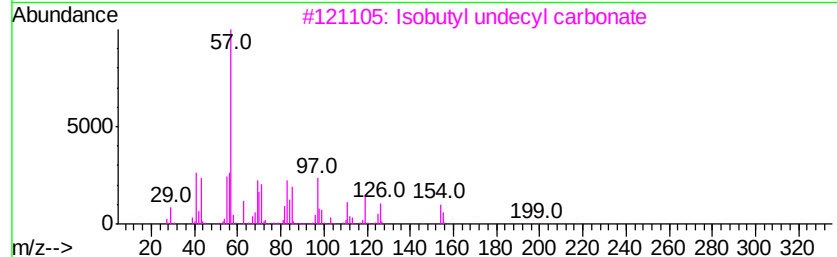
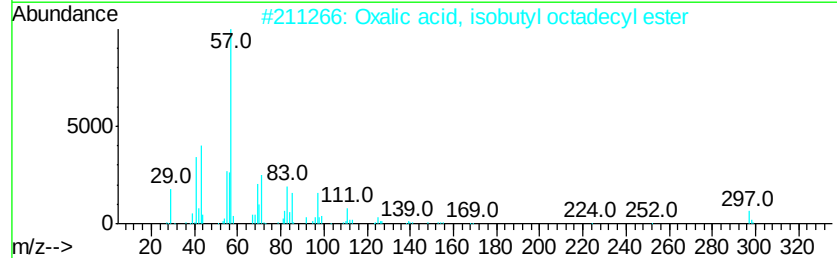
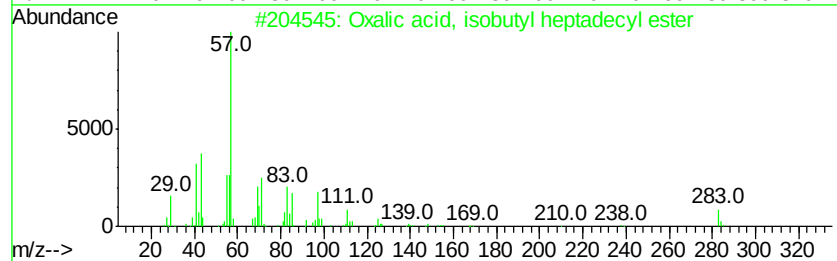
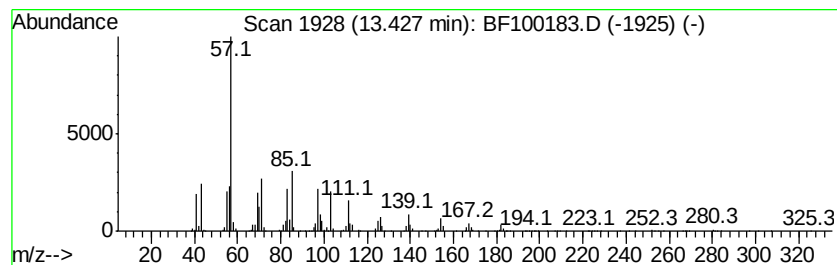
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Oxalic acid, isobutyl hepta... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	89.90 ng	1598440	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	64
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	64
3		Isobutyl undecyl carbonate	272	C16H32O3	1000372-78-8	58
4		2-Octyldodecyl propionate	354	C23H46O2	1000368-55-1	52
5		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	52



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100183.D
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Misc :
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ClientSampleId :
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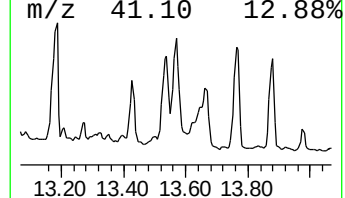
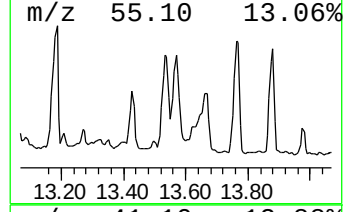
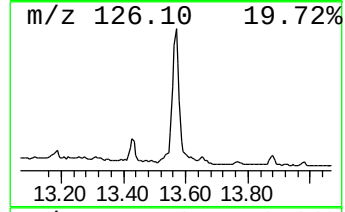
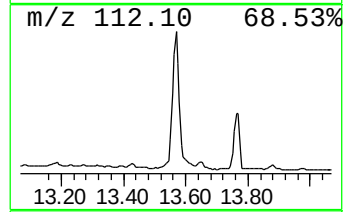
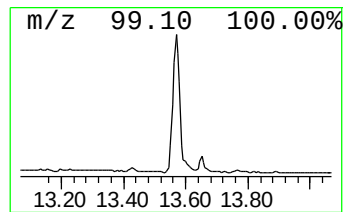
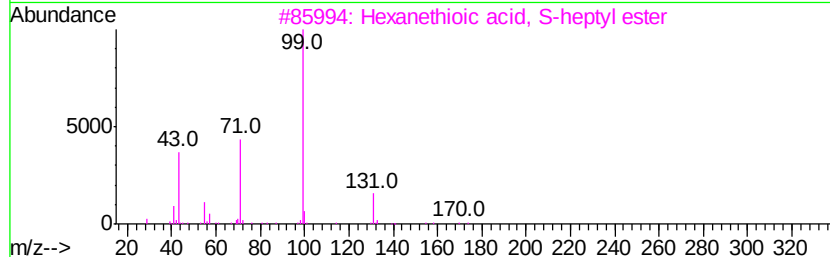
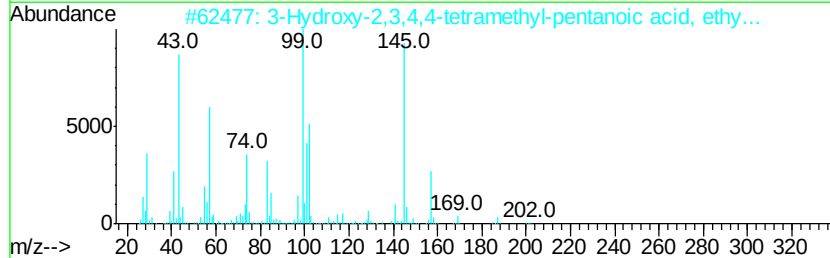
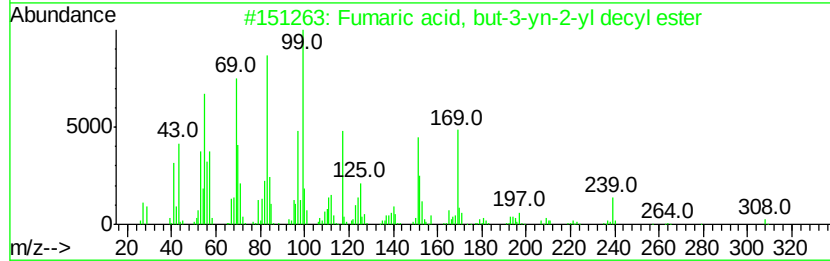
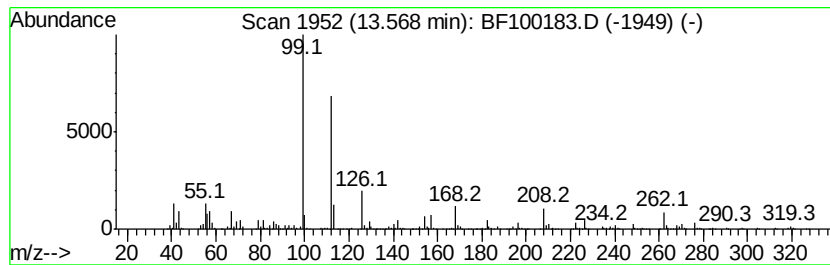
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown13.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	301.84 ng	5366740	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, but-3-yn-2-yl decyl...	308	C18H28O4	1000345-28-6	38
2		3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	30
3		Hexanethioic acid, S-heptyl ester	230	C13H26OS	002432-80-6	27
4		tri-n-Amylphosphate	308	C15H33O4P	002528-38-3	27
5		(2S,6R)-2-Methyl-6-nonylpiperidi...	239	C15H29NO	264149-06-6	18



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100183.D
Acq On : 4 Nov 2017 17:23
Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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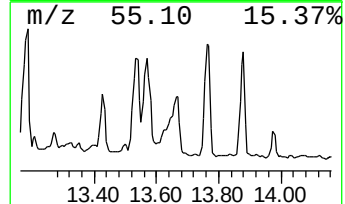
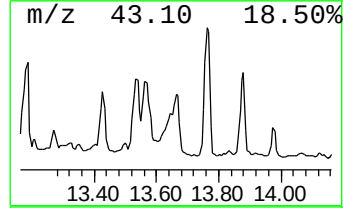
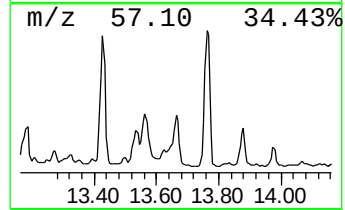
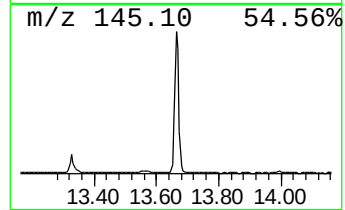
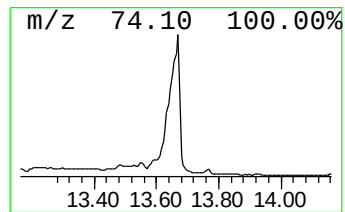
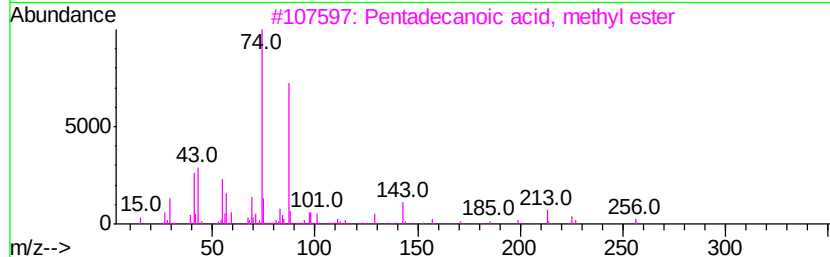
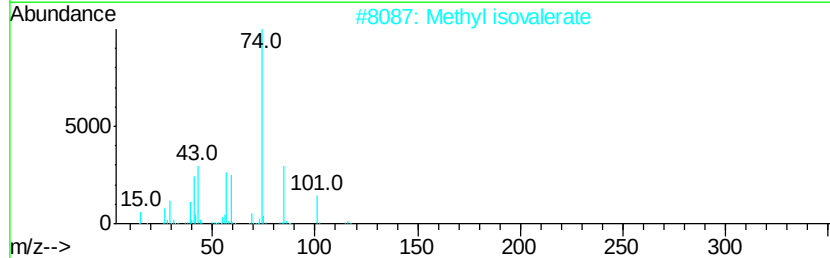
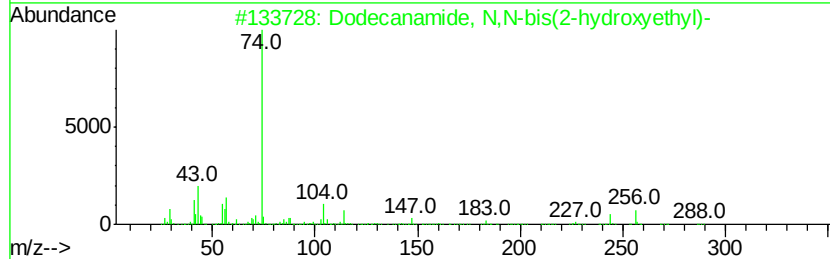
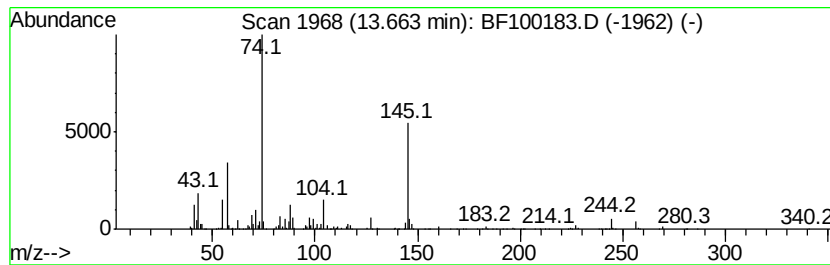
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown13.66 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	200.40 ng	3563130	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanamide, N,N-bis(2-hydroxyve...	287	C16H33N03	000120-40-1	37
2		Methyl isovalerate	116	C6H12O2	000556-24-1	35
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	25
4		Benzenepropanoic acid, .alpha.,....	178	C11H14O2	019731-91-0	23
5		Heptanoic acid, 7-bromo-, methyl...	222	C8H15BrO2	054049-24-0	17



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
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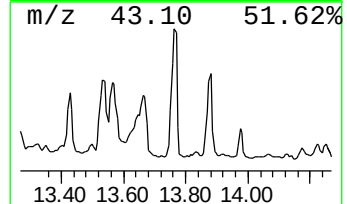
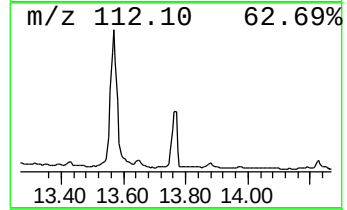
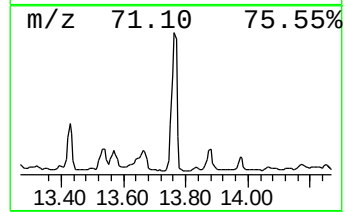
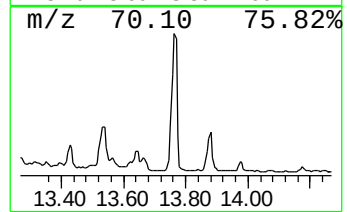
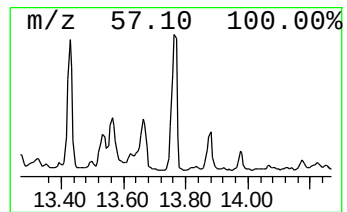
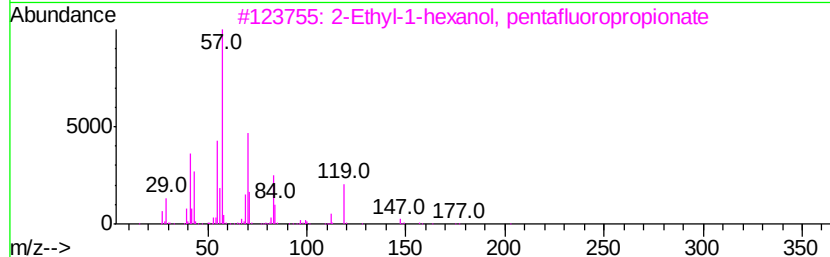
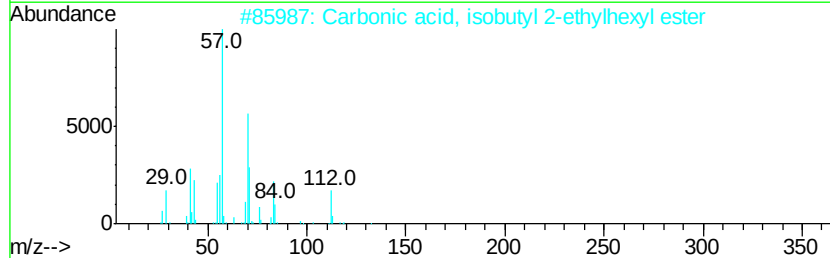
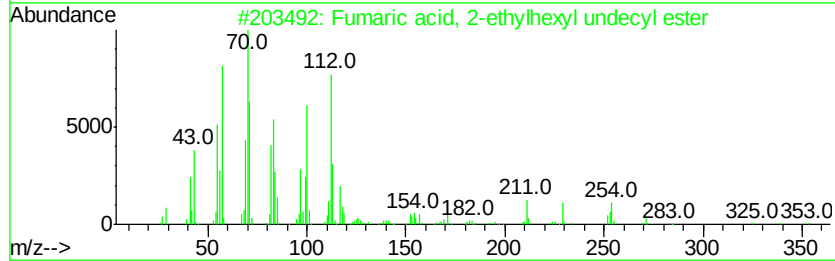
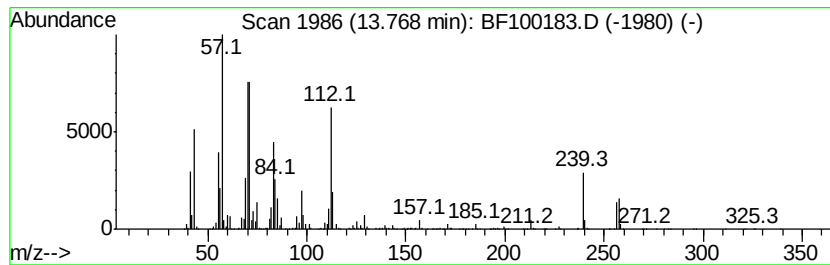
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Fumaric acid, 2-ethylhexyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	182.27 ng	3240860	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-ethylhexyl undec...	382	C23H42O4	1000339-14-5	59
2		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	47
3		2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	43
4		Acetic acid, cyano-, 2-ethylhexy...	197	C11H19NO2	013361-34-7	35
5		2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100183.D
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ALS Vial : 14 Sample Multiplier: 1

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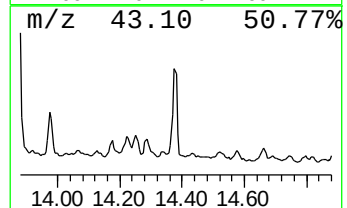
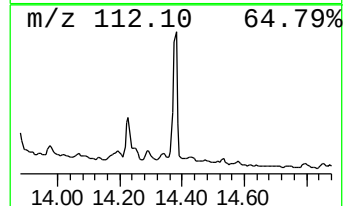
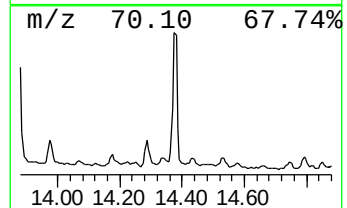
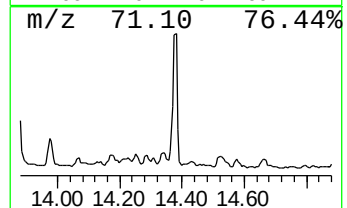
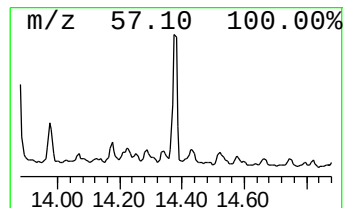
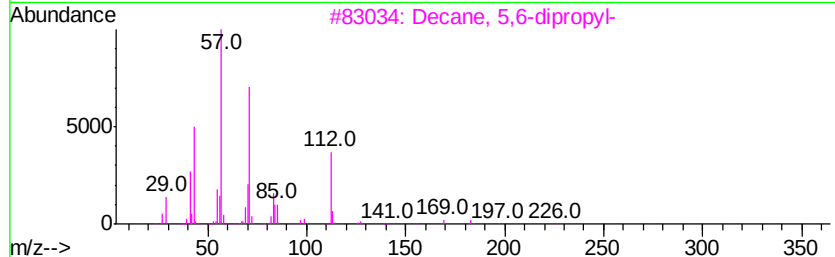
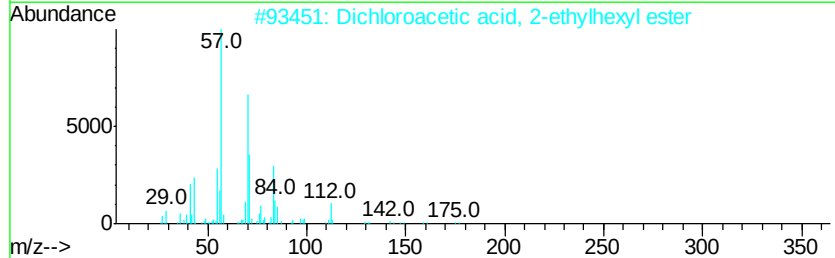
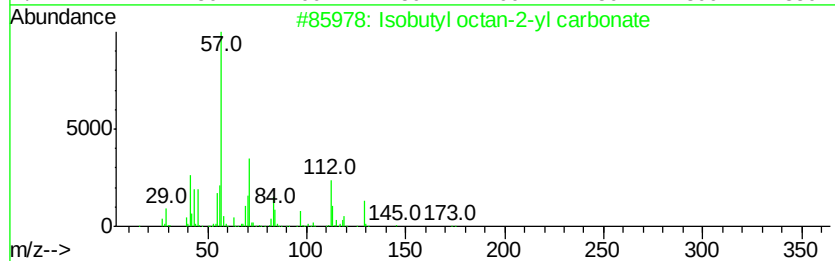
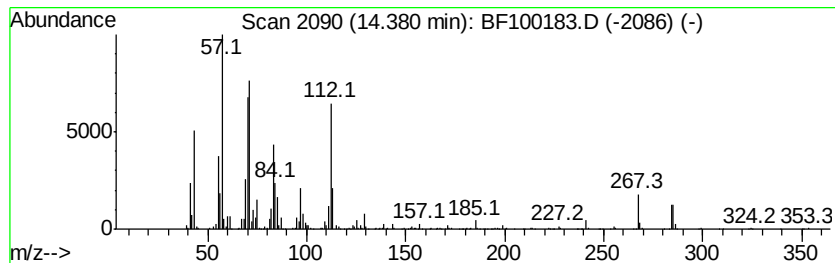
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Isobutyl octan-2-yl carbonate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	70.96 ng	1261630	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	64
2		Dichloroacetic acid, 2-ethylhexyl...	240	C10H18Cl2O2	068144-72-9	43
3		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	43
4		Sulfide, 1-propenyl 1-propynyl	112	C6H8S	089533-93-7	35
5		2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100183.D
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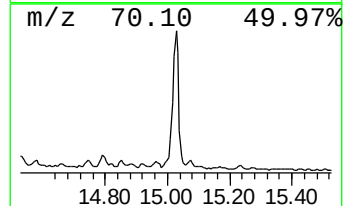
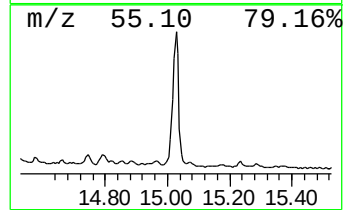
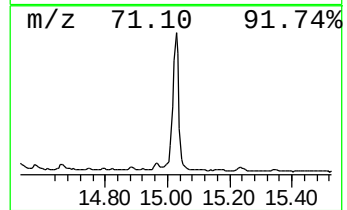
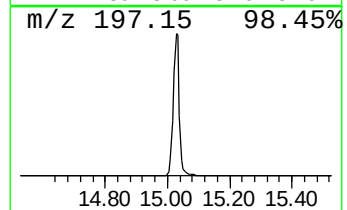
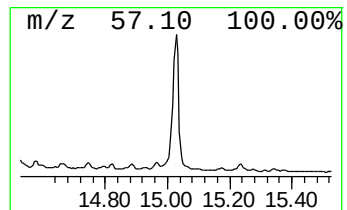
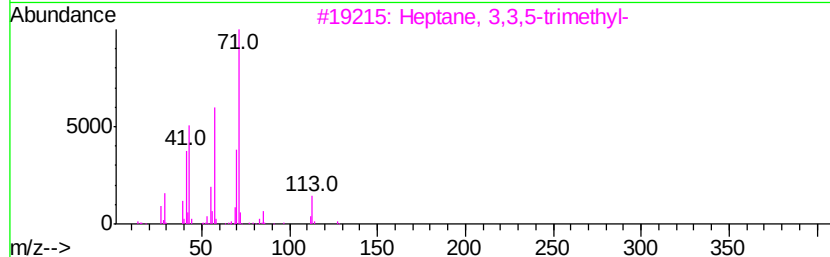
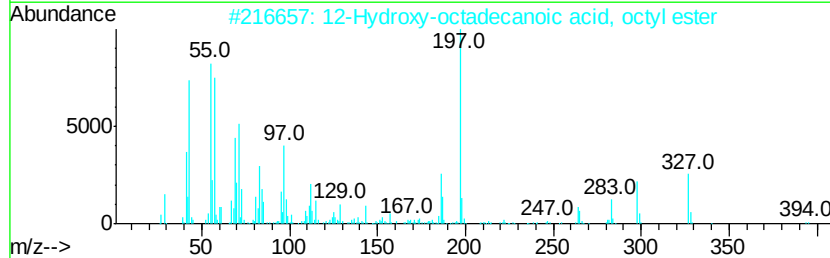
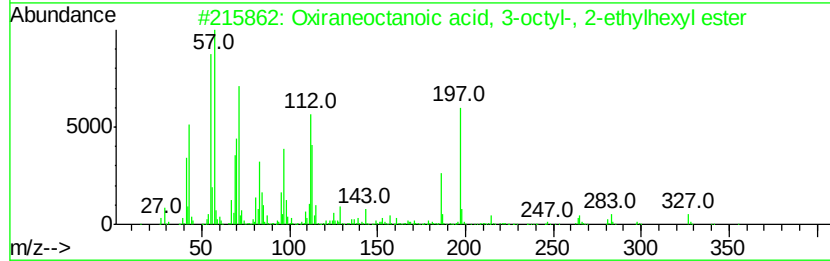
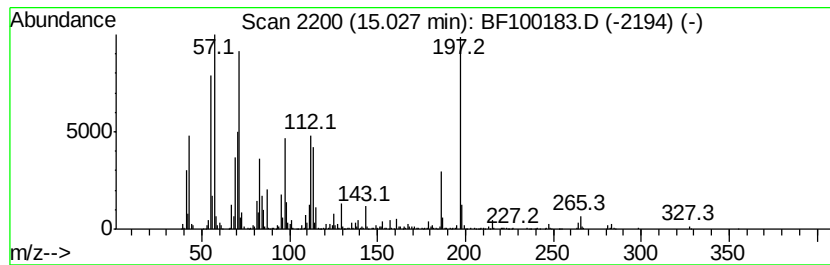
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 18 Oxiraneoctanoic acid, 3-oct... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	161.56 ng	3357830	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	86
2		12-Hydroxy-octadecanoic acid, oc...	412	C26H52O3	074819-90-2	43
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	27
4		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	27
5		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100183.D
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Operator : SJ/JU
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
EFF-WASTEWATER

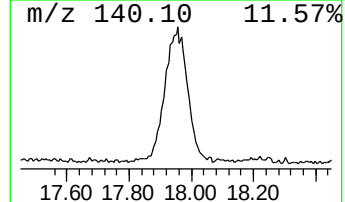
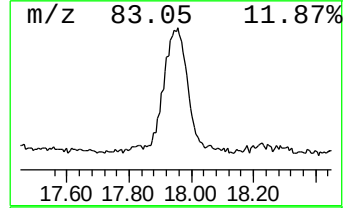
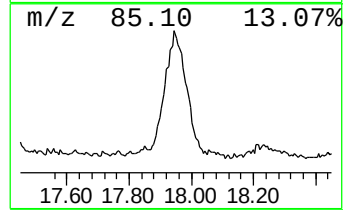
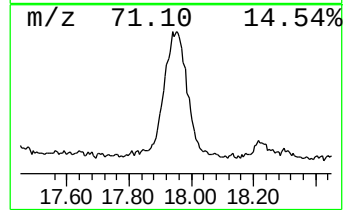
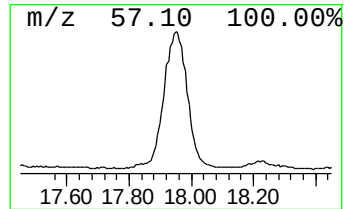
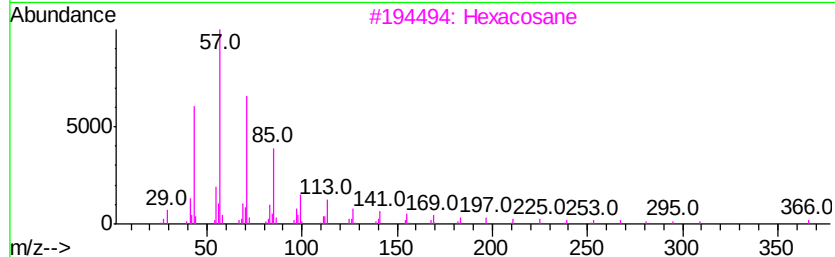
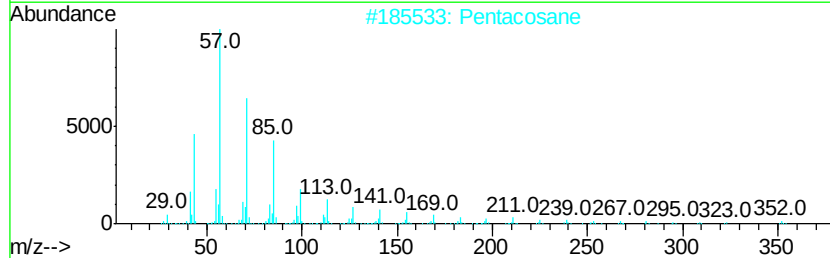
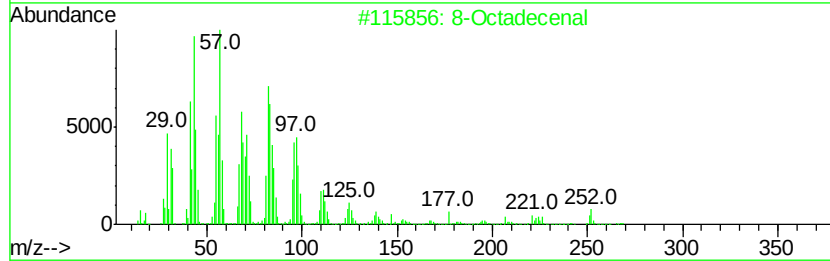
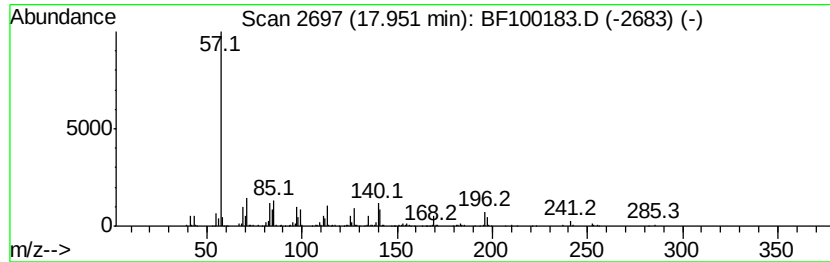
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 8-Octadecenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	101.17 ng	2102670	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	53
2		Pentacosane	352	C25H52	000629-99-2	47
3		Hexacosane	366	C26H54	000630-01-3	47
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	47
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	46



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF110417\
 Data File : BF100183.D
 Acq On : 4 Nov 2017 17:23
 Operator : SJ/JU
 Sample : I6208-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTEWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol	5.36	94.1	ng	2539090	1	6.76	539445	20.0
unknown6.55	6.55	55.0	ng	1482500	1	6.76	539445	20.0
1-Hexanol, 2-ethyl-	6.87	394.9	ng	10649900	1	6.76	539445	20.0
Hexanoic acid, 2-...	7.71	320.9	ng	11938600	2	8.05	744095	20.0
unknown12.12	12.12	50.4	ng	2383800	4	11.29	946055	20.0
unknown12.57	12.57	53.9	ng	2551590	4	11.29	946055	20.0
1-Dodecanol, 2-oc...	12.75	86.0	ng	1529760	5	13.95	355607	20.0
Benzoic acid, hep...	12.82	261.8	ng	4655140	5	13.95	355607	20.0
unknown12.94	12.94	85.8	ng	1526190	5	13.95	355607	20.0
Benzoic acid, tri...	13.19	249.5	ng	4436830	5	13.95	355607	20.0
Oxalic acid, isob...	13.43	89.9	ng	1598440	5	13.95	355607	20.0
unknown13.57	13.57	301.8	ng	5366740	5	13.95	355607	20.0
unknown13.66	13.66	200.4	ng	3563130	5	13.95	355607	20.0
Fumaric acid, 2-e...	13.77	182.3	ng	3240860	5	13.95	355607	20.0
Isobutyl octan-2-...	14.38	71.0	ng	1261630	5	13.95	355607	20.0
Oxiraneoctanoic a...	15.03	161.6	ng	3357830	6	15.40	415679	20.0
8-Octadecenal	17.95	101.2	ng	2102670	6	15.40	415679	20.0