

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042718\
 Data File : BF104891.D
 Acq On : 27 Apr 2018 19:45
 Operator : JU/SJ
 Sample : J2522-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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-BF040618.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	5.004	490	496	505	rBV	124286	161683	2.62%	0.151%
2	5.422	564	567	581	rBV	1698703	1985812	32.16%	1.850%
3	6.063	666	676	681	rBV2	440925	533048	8.63%	0.497%
4	6.451	737	742	747	rBV	1806520	2038145	33.01%	1.899%
5	6.487	747	748	756	rVV	212050	229542	3.72%	0.214%
6	6.575	759	763	769	rVV	2359410	2091444	33.87%	1.948%
7	6.634	769	773	777	rVB2	59528	69917	1.13%	0.065%
8	6.798	797	801	808	rBV	770569	693171	11.23%	0.646%
9	6.857	808	811	814	rBV	441183	343257	5.56%	0.320%
10	6.951	822	827	830	rBV	1915755	1826440	29.58%	1.702%
11	7.310	884	888	891	rBV	81564	81290	1.32%	0.076%
12	7.363	891	897	900	rBV	1357069	1417996	22.97%	1.321%
13	7.539	924	927	931	rVB2	69331	71919	1.16%	0.067%
14	7.587	931	935	938	rBV3	62756	97215	1.57%	0.091%
15	7.792	966	970	973	rBV	478873	425057	6.88%	0.396%
16	7.981	1000	1002	1013	rVB	147061	215845	3.50%	0.201%
17	8.081	1013	1019	1023	rBV	963505	803459	13.01%	0.749%
18	8.245	1044	1047	1052	rBV3	47896	71728	1.16%	0.067%
19	8.498	1086	1090	1099	rVB2	108556	148768	2.41%	0.139%
20	9.022	1177	1179	1184	rVB	85421	75409	1.22%	0.070%
21	9.157	1196	1202	1205	rBV	2916308	2568939	41.61%	2.393%
22	9.228	1209	1214	1216	rVV2	57198	71748	1.16%	0.067%
23	9.269	1216	1221	1224	rVV4	72057	95671	1.55%	0.089%
24	9.304	1224	1227	1234	rVV	137031	157055	2.54%	0.146%
25	9.551	1266	1269	1272	rVV	195260	170072	2.75%	0.158%
26	9.581	1272	1274	1277	rVB	89962	68166	1.10%	0.064%
27	9.633	1280	1283	1288	rVB	315881	286179	4.64%	0.267%
28	9.757	1299	1304	1308	rBV2	126276	149785	2.43%	0.140%
29	9.804	1308	1312	1315	rVV3	150430	170092	2.75%	0.158%
30	9.839	1315	1318	1323	rVV	979121	860580	13.94%	0.802%
31	9.951	1332	1337	1339	rBV	111520	94843	1.54%	0.088%
32	10.233	1382	1385	1387	rBV	313839	256964	4.16%	0.239%
33	10.257	1387	1389	1392	rVB2	197438	160575	2.60%	0.150%
34	10.286	1392	1394	1397	rBV	93608	93099	1.51%	0.087%

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 Start Thrs: 0.2 Max Peaks: 100
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35	10.480	1423	1427	1429	rBV2	63510	66049	1.07%	0.062%
36	10.633	1449	1453	1461	rVV2	385641	503745	8.16%	0.469%
37	10.733	1467	1470	1475	rVB	358509	351265	5.69%	0.327%
38	10.833	1484	1487	1491	rVB	182547	162559	2.63%	0.151%
39	10.922	1500	1502	1507	rBV3	172774	183870	2.98%	0.171%
40	10.992	1511	1514	1517	rVB3	92479	84918	1.38%	0.079%
41	11.045	1521	1523	1528	rBV3	64803	97334	1.58%	0.091%
42	11.186	1544	1547	1550	rBV2	1065460	989955	16.03%	0.922%
43	11.210	1550	1551	1554	rVB	107324	74476	1.21%	0.069%
44	11.245	1554	1557	1560	rBV	409877	371875	6.02%	0.346%
45	11.275	1560	1562	1565	rVB	165409	120914	1.96%	0.113%
46	11.327	1568	1571	1574	rBV	681225	610411	9.89%	0.569%
47	11.427	1585	1588	1590	rBV4	77006	75618	1.22%	0.070%
48	11.486	1596	1598	1601	rVB	118243	96244	1.56%	0.090%
49	11.527	1603	1605	1610	rBV2	239824	345786	5.60%	0.322%
50	11.610	1616	1619	1622	rBV	268298	210422	3.41%	0.196%
51	11.733	1637	1640	1643	rVB	380665	313791	5.08%	0.292%
52	11.775	1645	1647	1652	rVB6	53894	75699	1.23%	0.071%
53	11.816	1652	1654	1657	rBV3	89066	91133	1.48%	0.085%
54	11.851	1657	1660	1663	rBV	509865	477722	7.74%	0.445%
55	11.886	1663	1666	1669	rVB	1242154	1014829	16.44%	0.945%
56	12.016	1686	1688	1691	rVB	290760	239706	3.88%	0.223%
57	12.363	1745	1747	1752	rBV2	180014	229003	3.71%	0.213%
58	12.410	1752	1755	1758	rVB	308923	286258	4.64%	0.267%
59	12.545	1776	1778	1779	rBV	133284	110311	1.79%	0.103%
60	12.639	1791	1794	1797	rBV	191661	202199	3.27%	0.188%
61	12.686	1799	1802	1806	rVB	198444	179848	2.91%	0.168%
62	12.780	1815	1818	1823	rBV2	456455	435157	7.05%	0.405%
63	12.921	1838	1842	1845	rVB	1709412	1710123	27.70%	1.593%
64	13.074	1866	1868	1870	rBV2	124656	106149	1.72%	0.099%
65	13.139	1877	1879	1883	rVB2	732012	646188	10.47%	0.602%
66	13.257	1896	1899	1900	rBV	358900	330029	5.35%	0.307%
67	13.274	1900	1902	1903	rVV	426895	377812	6.12%	0.352%
68	13.304	1905	1907	1913	rVV	762068	1016576	16.46%	0.947%
69	13.357	1913	1916	1918	rVV	1035189	1031668	16.71%	0.961%
70	13.404	1918	1924	1926	rVV2	2767532	4603416	74.56%	4.289%
71	13.421	1926	1927	1930	rVV	1998928	2032662	32.92%	1.894%

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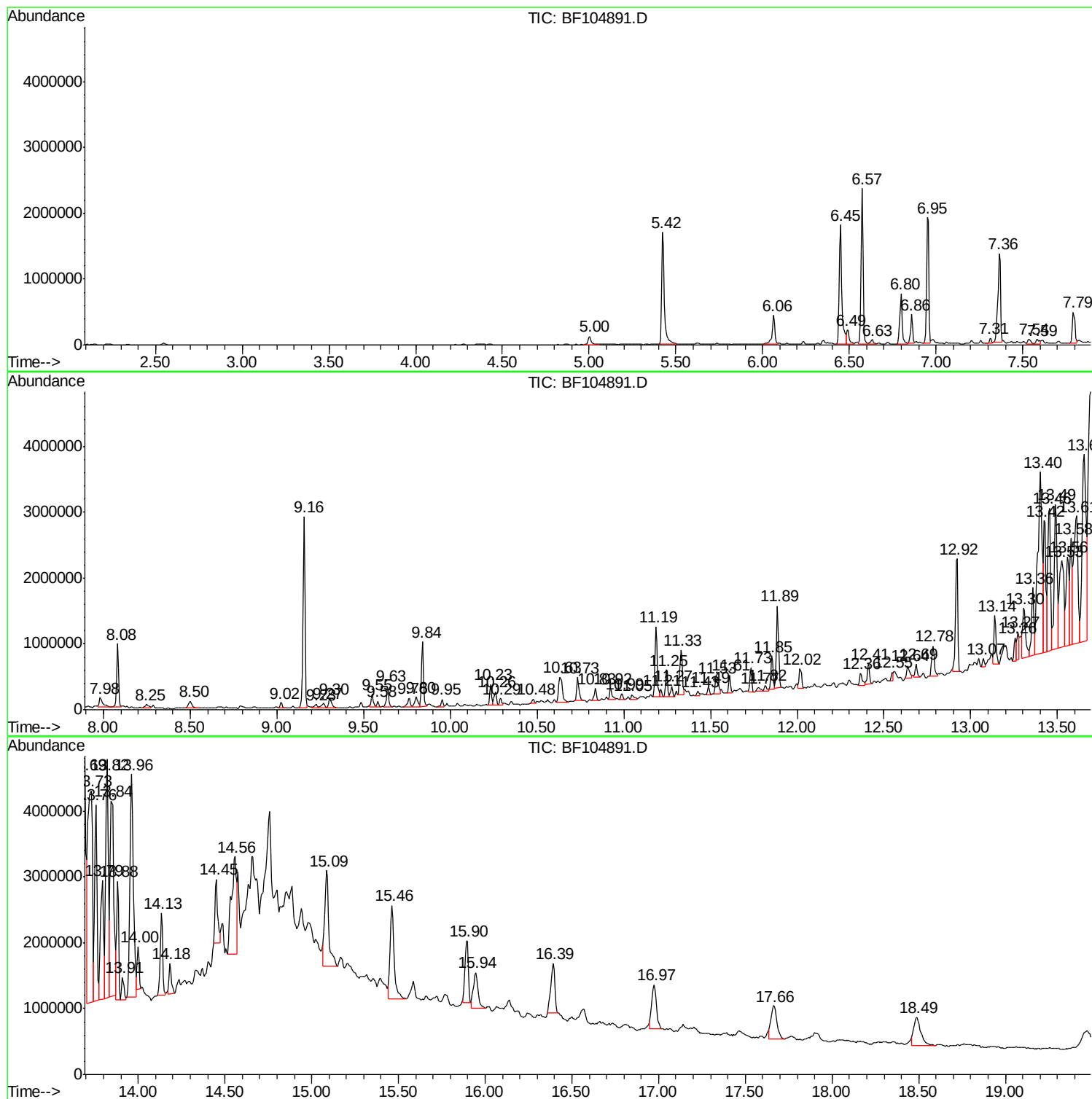
72	13.457	1930	1933	1935	rVV	2176328	2542329	41.18%	2.369%
73	13.486	1935	1938	1941	rVV	2204833	2739404	44.37%	2.552%
74	13.527	1941	1945	1947	rVV2	1321384	2182719	35.35%	2.034%
75	13.557	1947	1950	1952	rVV	1363243	1868332	30.26%	1.741%
76	13.580	1952	1954	1955	rVV	1615510	1465986	23.74%	1.366%
77	13.610	1955	1959	1962	rVV	1938674	3152160	51.05%	2.937%
78	13.657	1962	1967	1969	rVV	2839273	4328544	70.11%	4.033%
79	13.692	1969	1973	1975	rVV	3763017	6174179	100.00%	5.752%
80	13.727	1975	1979	1981	rVV	3213510	5398873	87.44%	5.030%
81	13.757	1981	1984	1987	rVV	2977689	3196781	51.78%	2.978%
82	13.792	1987	1990	1992	rVV2	1802199	1959300	31.73%	1.825%
83	13.821	1992	1995	1997	rVV2	3619387	4253025	68.88%	3.962%
84	13.845	1997	1999	2003	rVV	2961090	3868514	62.66%	3.604%
85	13.880	2003	2005	2008	rVB	1801353	1600288	25.92%	1.491%
86	13.910	2008	2010	2013	rBV	345567	273774	4.43%	0.255%
87	13.963	2014	2019	2023	rBV	3381289	4780285	77.42%	4.454%
88	13.998	2023	2025	2028	rVB2	638635	572037	9.26%	0.533%
89	14.133	2044	2048	2052	rBV2	1253618	1337086	21.66%	1.246%
90	14.180	2054	2056	2061	rVB2	463195	486542	7.88%	0.453%
91	14.451	2099	2102	2106	rBV2	972382	1157444	18.75%	1.078%
92	14.557	2113	2120	2122	rBV	1481917	3084393	49.96%	2.874%
93	15.086	2206	2210	2221	rVB2	1450979	2516022	40.75%	2.344%
94	15.463	2270	2274	2288	rVB2	1410337	2396282	38.81%	2.232%
95	15.898	2343	2348	2351	rVV	932759	1377429	22.31%	1.283%
96	15.945	2352	2356	2365	rVB3	540481	1007649	16.32%	0.939%
97	16.392	2427	2432	2437	rVB	751292	1238568	20.06%	1.154%
98	16.974	2526	2531	2538	rVB	673715	1373423	22.24%	1.280%
99	17.662	2643	2648	2659	rVB	508355	1277111	20.68%	1.190%
100	18.486	2783	2788	2807	rVB	433631	1288481	20.87%	1.200%

Sum of corrected areas: 107337593

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.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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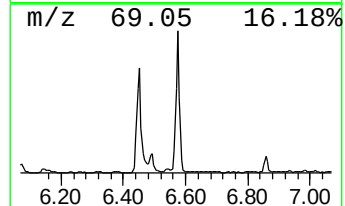
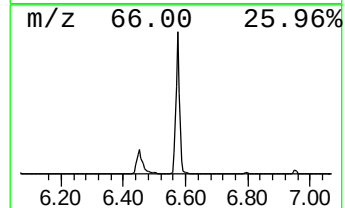
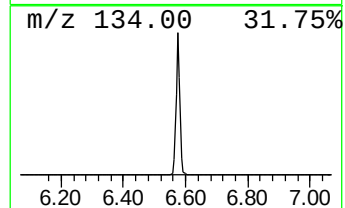
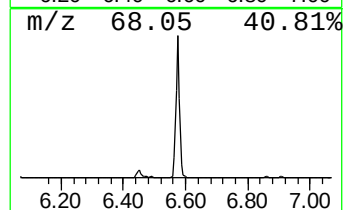
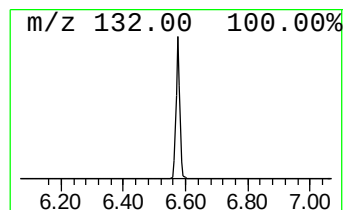
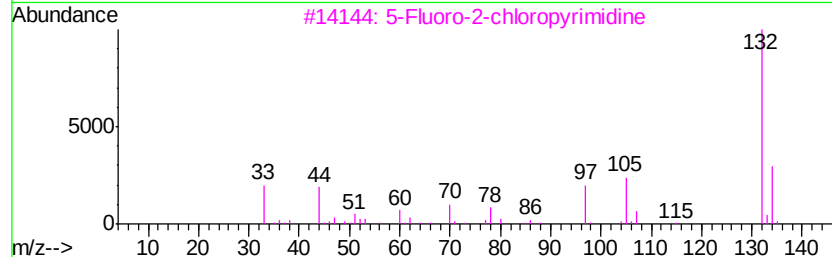
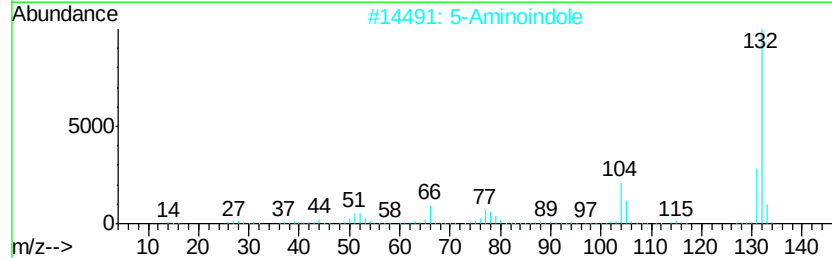
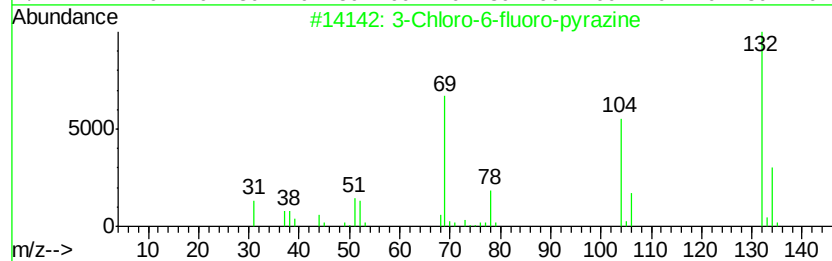
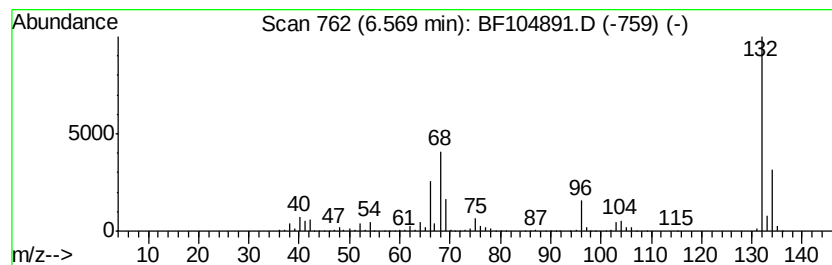
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	60.34 ng	2091440	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



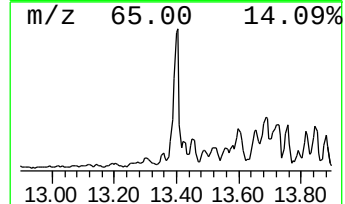
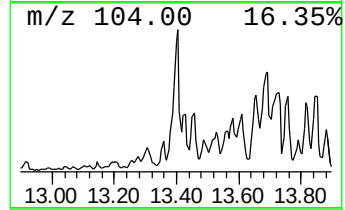
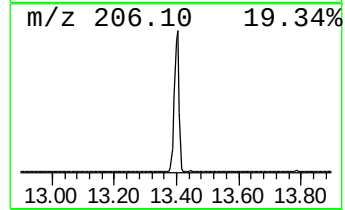
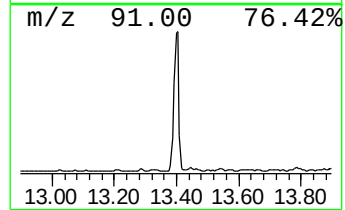
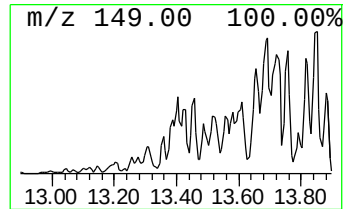
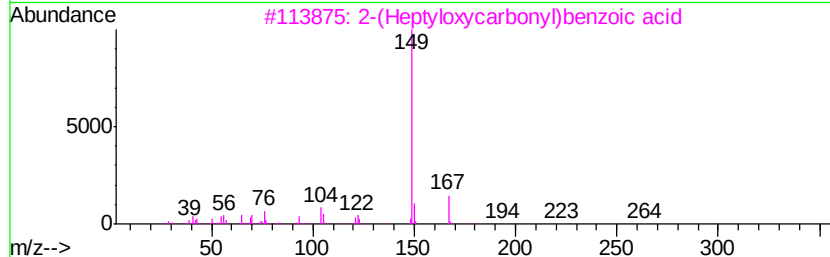
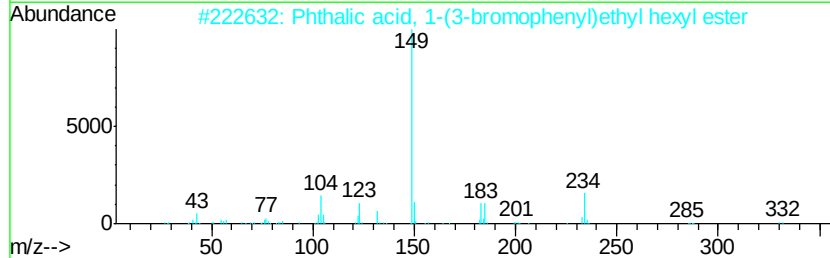
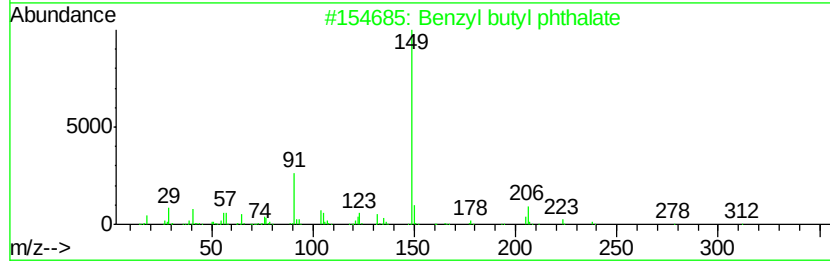
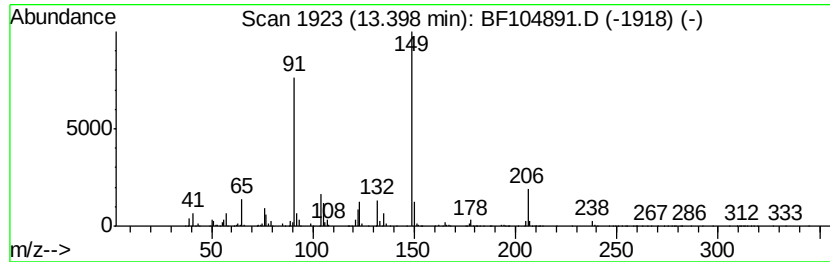
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzyl butyl phthalate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.40	160.95 ng	4603420	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzyl butyl phthalate	312	C19H20O4	000085-68-7	90
2		Phthalic acid, 1-(3-bromophenyl)...	432	C22H25BrO4	1000377-87-9	72
3		2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	1000373-67-7	64
4		Phthalic acid, ethyl 2-methylall...	248	C14H16O4	1000315-19-8	64
5		Phthalic acid, 3-chlorobenzyl bu...	346	C19H19ClO4	1000371-15-6	58



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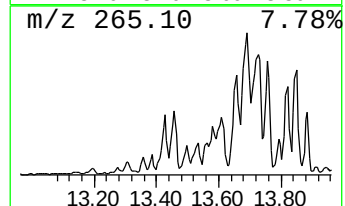
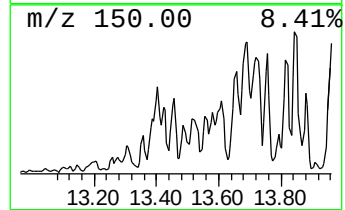
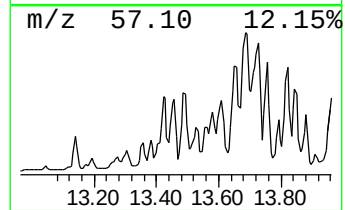
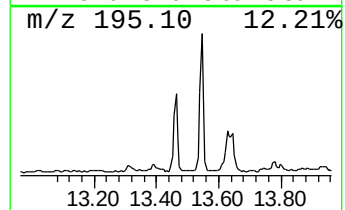
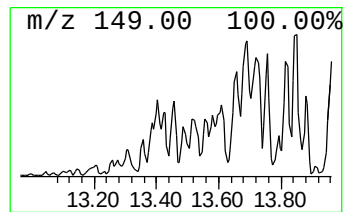
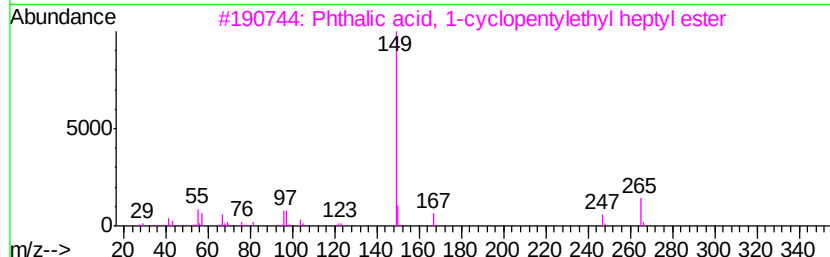
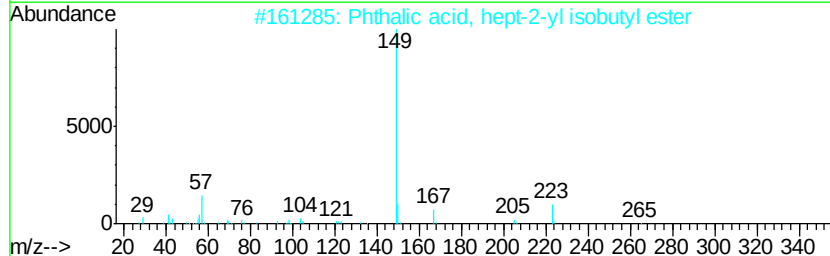
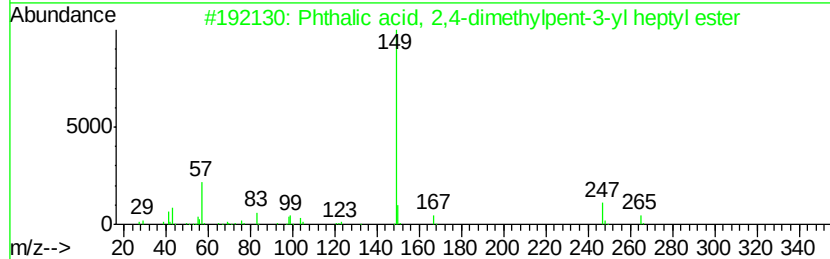
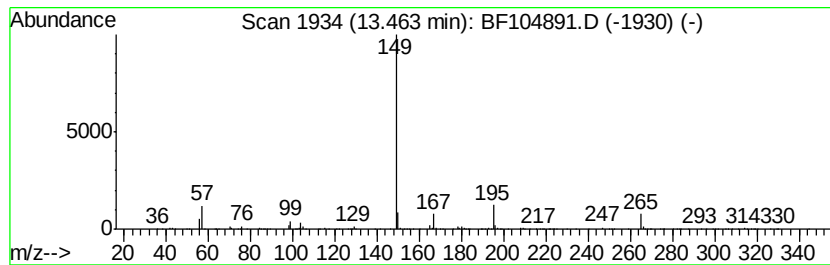
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phthalic acid, 2,4-dimethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	88.89 ng	2542330	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2,4-dimethylpent-...	362	C22H34O4	1000356-84-6	80
2		Phthalic acid, hept-2-yl isobuty...	320	C19H28O4	1000356-97-0	72
3		Phthalic acid, 1-cyclopentylethyl...	360	C22H32O4	1000309-09-6	72
4		Phthalic acid, heptyl 2-methylpe...	348	C21H32O4	1000356-91-2	64
5		1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	64



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Misc :
ALS Vial : 13 Sample Multiplier: 1

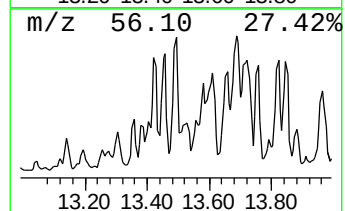
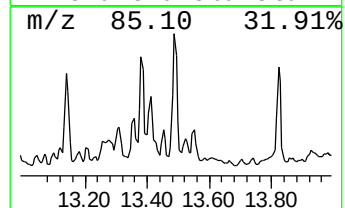
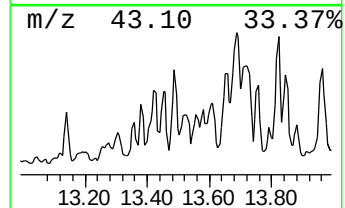
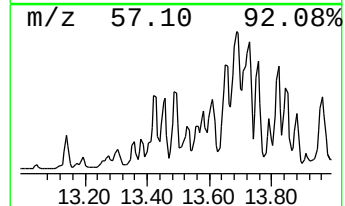
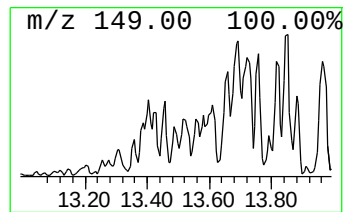
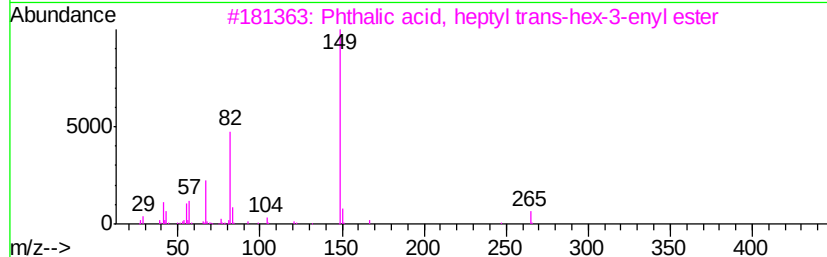
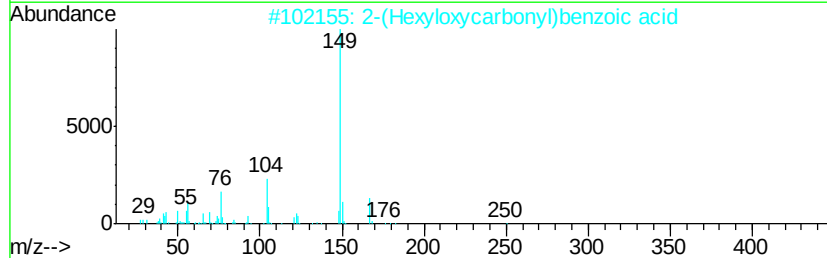
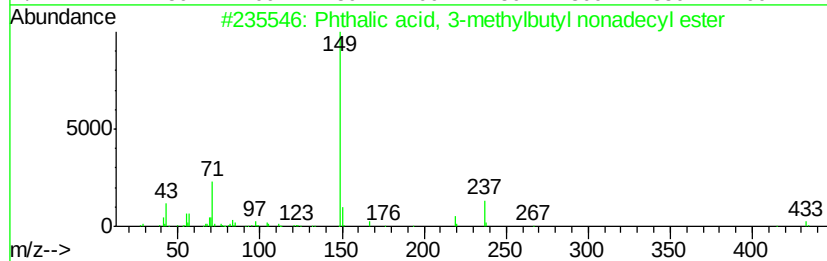
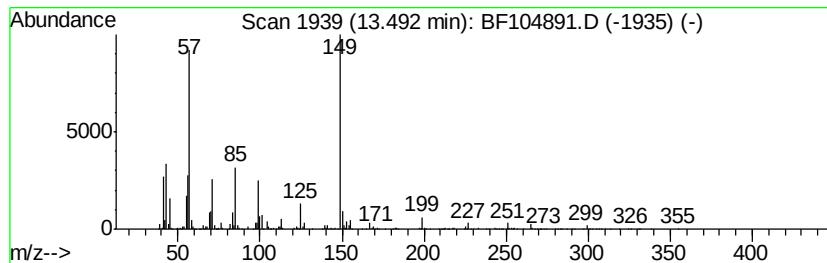
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	95.78 ng	2739400	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 3-methylbutyl non...	502	C32H54O4	1000356-82-0	47
2		2-(Hexyloxybenzoyl)benzoic acid	250	C14H18O4	1000373-63-0	38
3		Phthalic acid, heptyl trans-hex...	346	C21H30O4	1000360-48-5	38
4		Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	38
5		Phthalic acid, hexyl 2-(2-methox...	392	C23H36O5	1000314-93-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

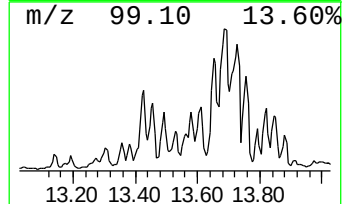
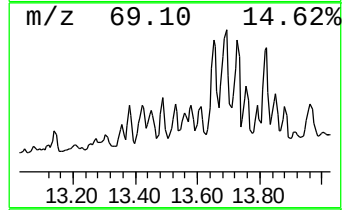
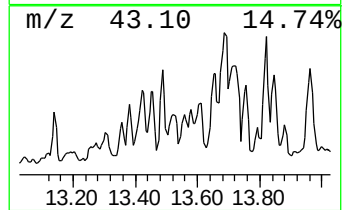
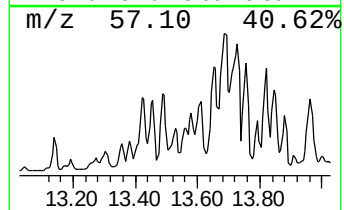
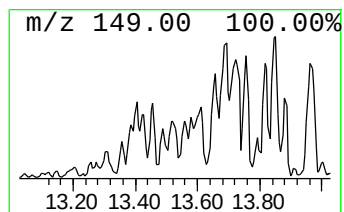
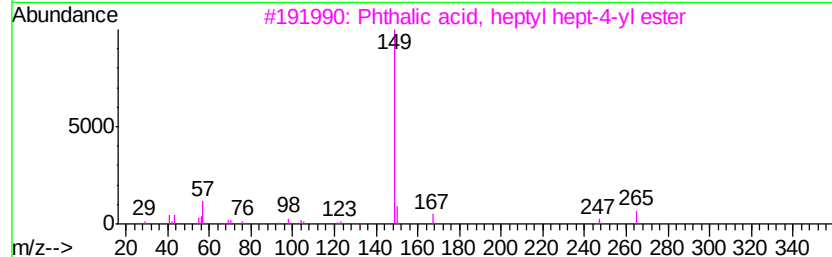
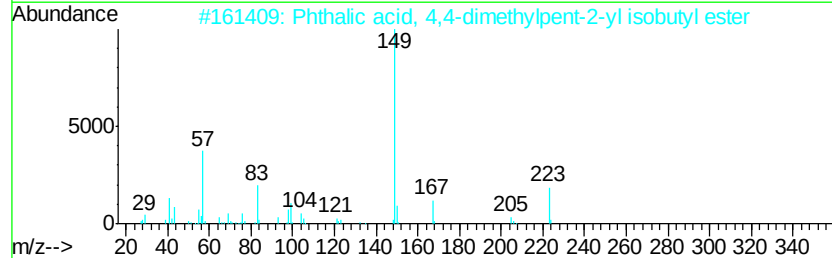
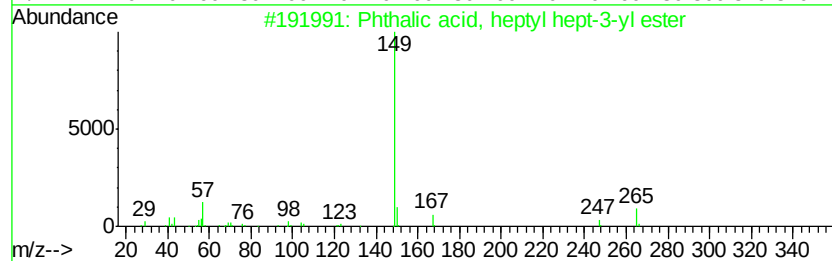
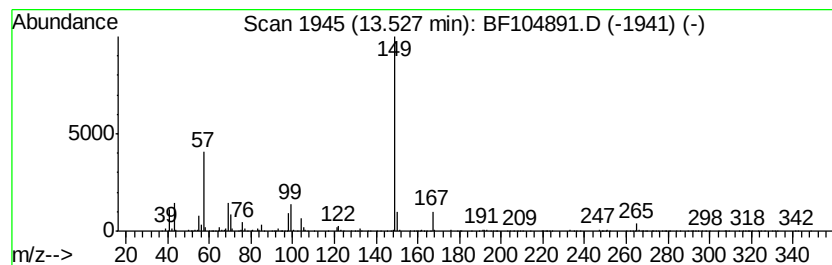
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phthalic acid, heptyl hept-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	76.31 ng	2182720	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	78
2		Phthalic acid, 4,4-dimethylpent-...	320	C19H28O4	1000371-14-2	78
3		Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	64
4		Phthalic acid, 2,4-dimethylpent-...	320	C19H28O4	1000356-84-3	59
5		Phthalic acid, isobutyl pent-4-e...	290	C17H22O4	1000360-46-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

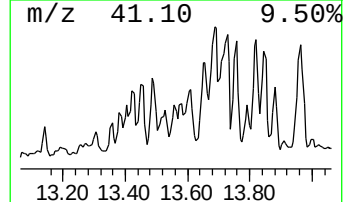
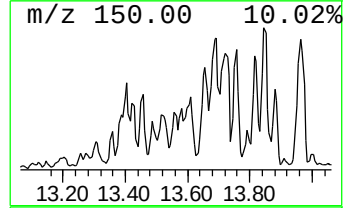
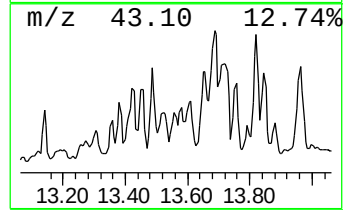
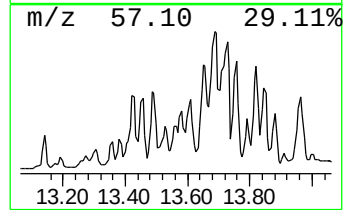
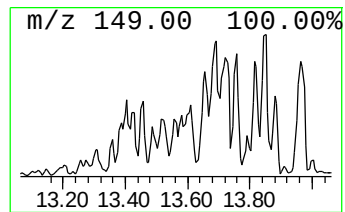
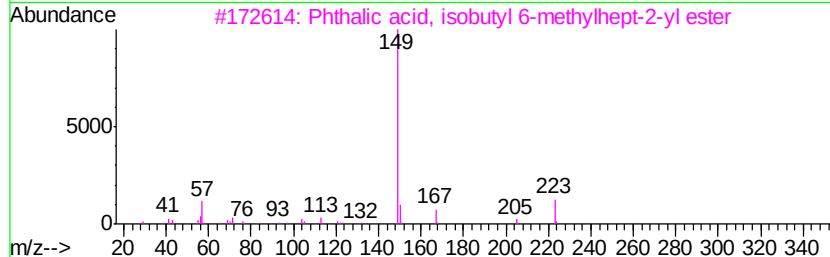
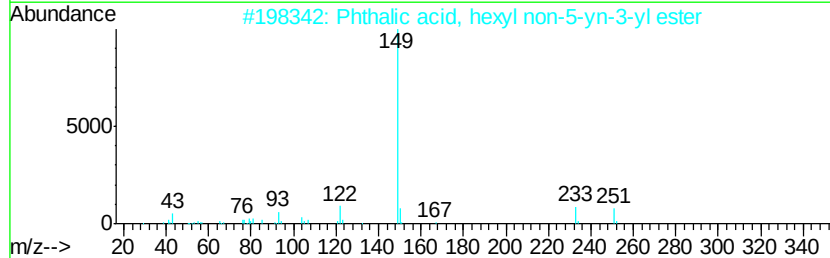
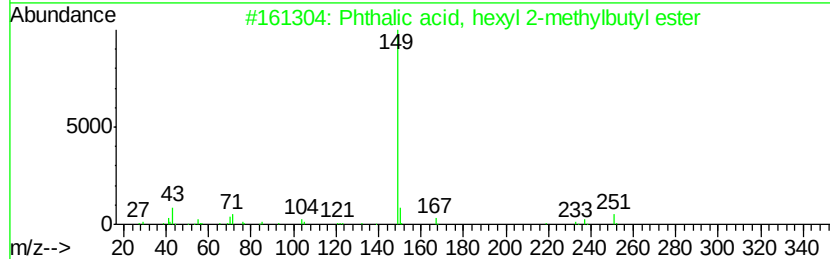
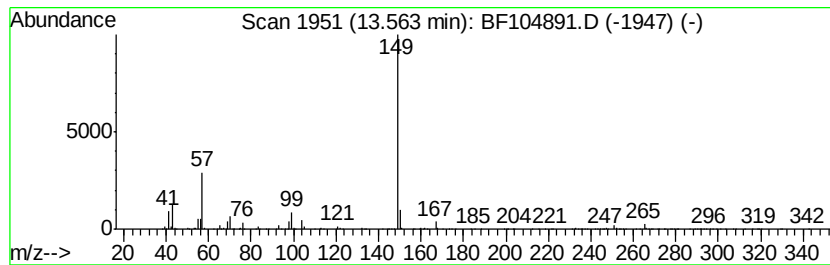
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic acid, hexyl 2-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	65.32 ng	1868330	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, hexyl 2-methylbut...	320	C19H28O4	1000322-81-4	80
2		Phthalic acid, hexyl non-5-yn-3-...	372	C23H32O4	1000315-18-4	72
3		Phthalic acid, isobutyl 6-methyl...	334	C20H30O4	1000377-95-7	64
4		Phthalic acid, 3-ethylphenyl pen...	340	C21H24O4	1000357-07-9	64
5		Phthalic acid, dec-2-yl pentyl e...	376	C23H36O4	1000356-94-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

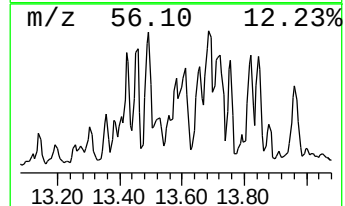
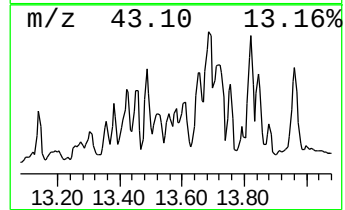
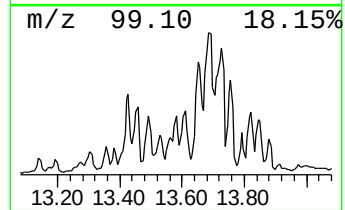
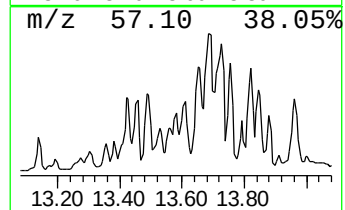
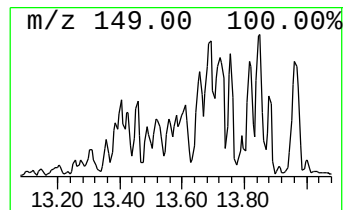
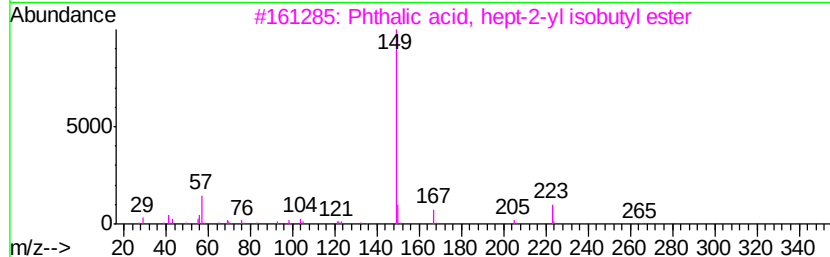
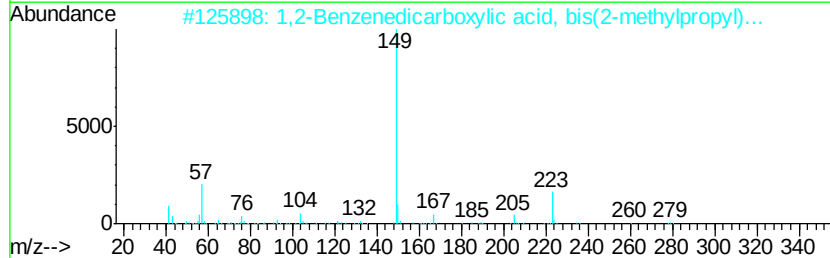
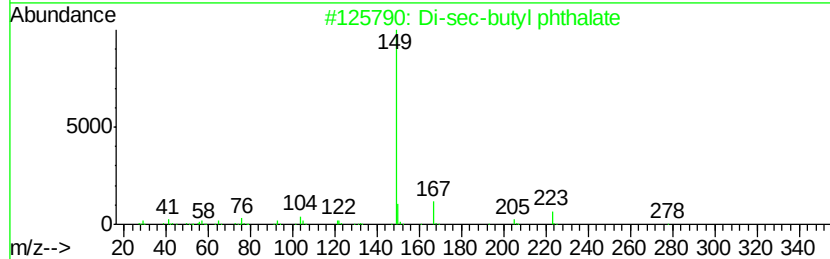
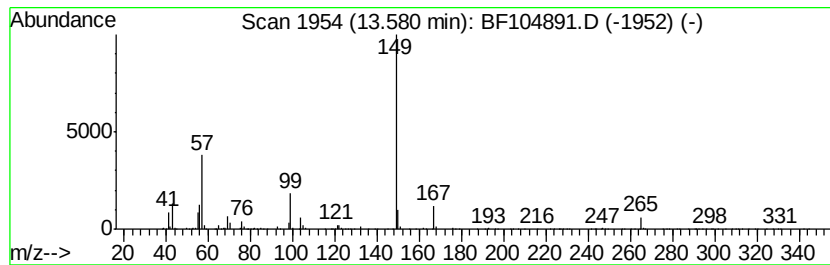
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Di-sec-butyl phthalate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	51.25 ng	1465990	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	76
2		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	74
3		Phthalic acid, hept-2-yl isobutyl...	320	C19H28O4	1000356-97-0	64
4		Phthalic acid, 5-methylhex-2-yl ...	362	C22H34O4	1000371-08-7	64
5		Phthalic acid, di(hex-3-yl) ester	334	C20H30O4	1000356-96-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

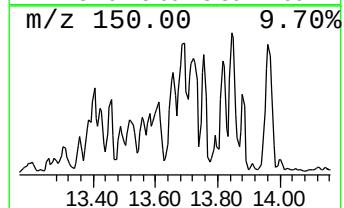
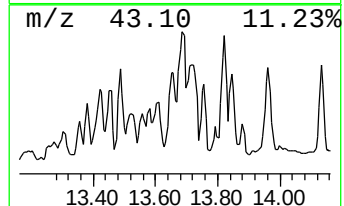
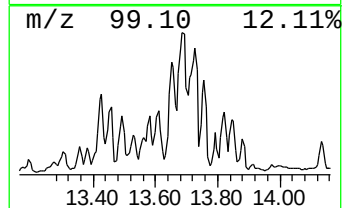
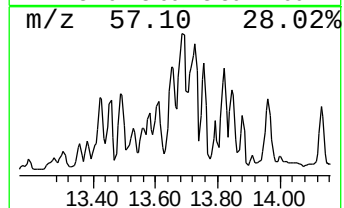
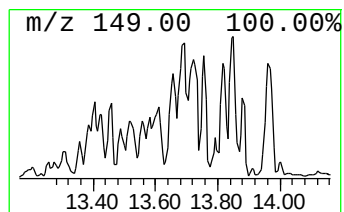
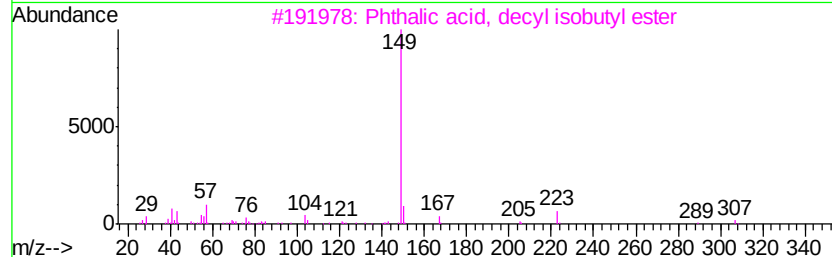
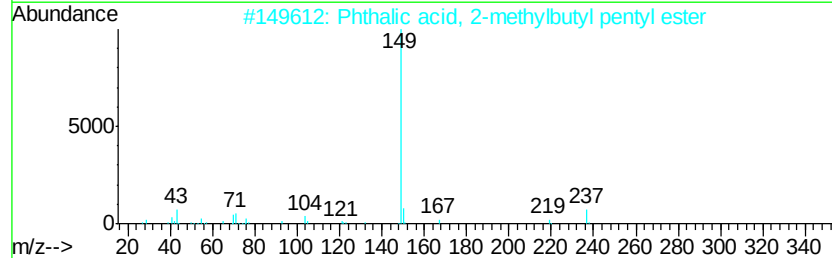
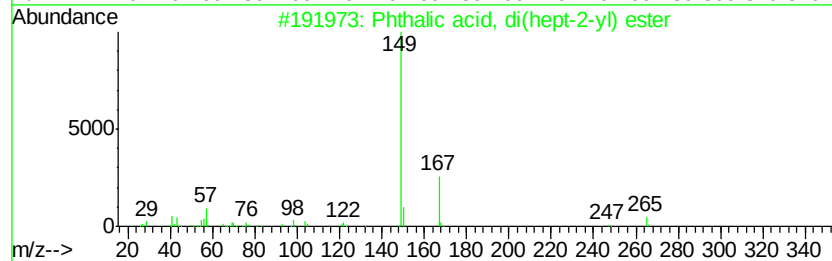
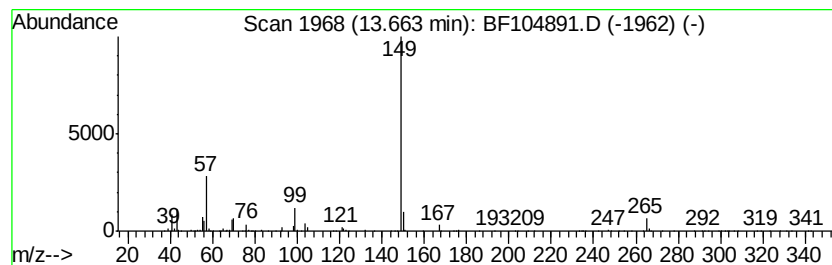
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phthalic acid, di(hept-2-yl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	151.34 ng	4328540	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
2		Phthalic acid, 2-methylbutyl pen...	306	C18H26O4	1000322-81-2	64
3		Phthalic acid, decyl isobutyl ester	362	C22H34O4	1000308-94-2	64
4		1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	64
5		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

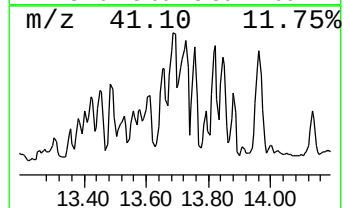
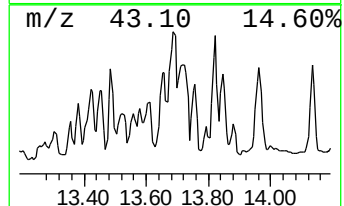
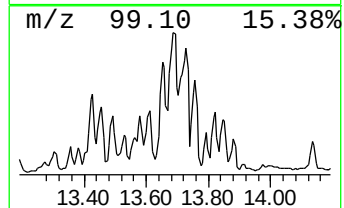
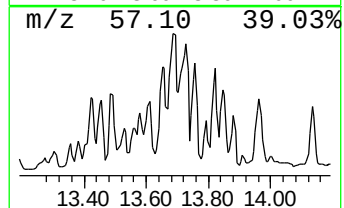
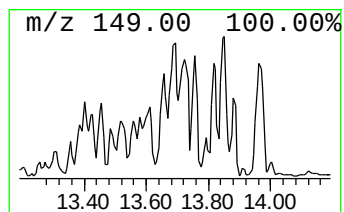
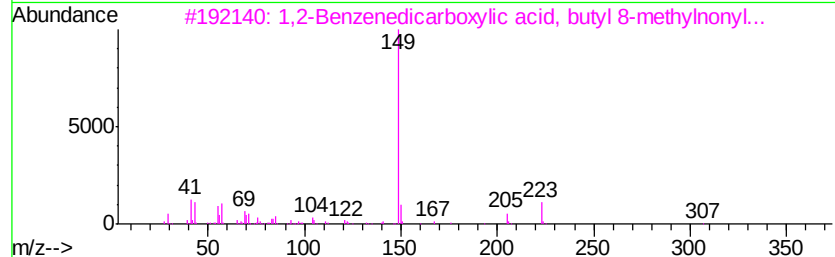
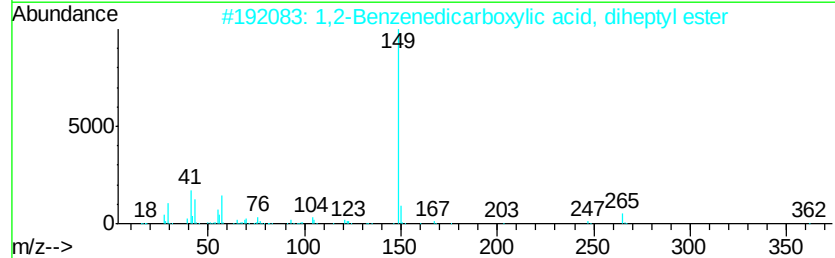
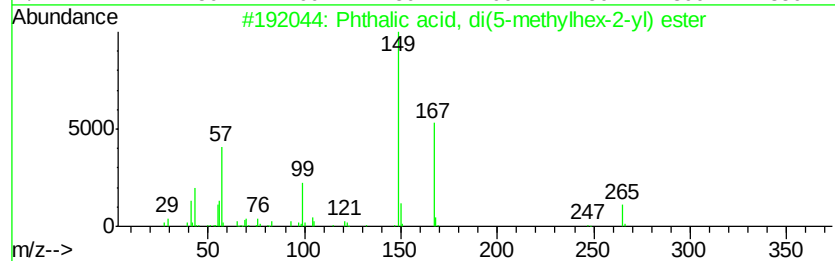
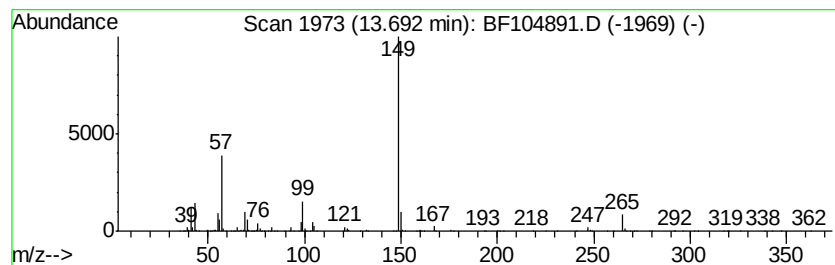
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phthalic acid, di(5-methylh... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	215.87 ng	6174180	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, di(5-methylhex-2-...	362	C22H34O4	1000371-09-4	86
2		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
3		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	64
4		1,2-Benzenedicarboxylic acid, bi...	306	C18H26O4	000605-50-5	64
5		Diamyl phthalate	306	C18H26O4	000131-18-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
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Operator : JU/SJ
Sample : J2522-05
Misc :
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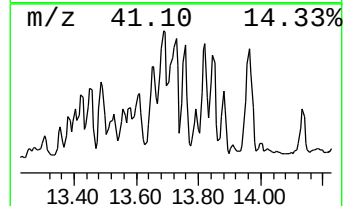
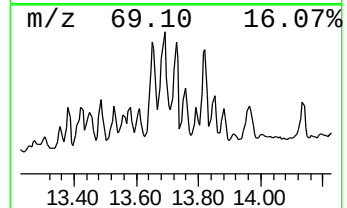
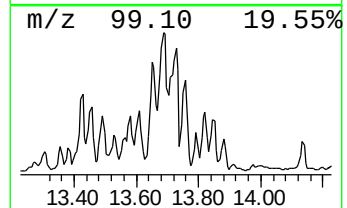
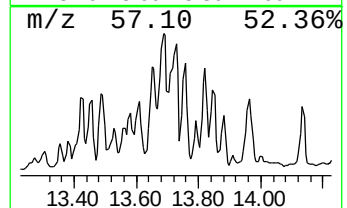
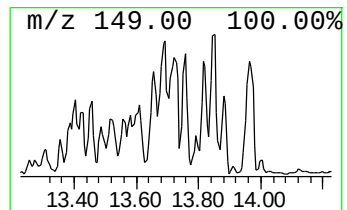
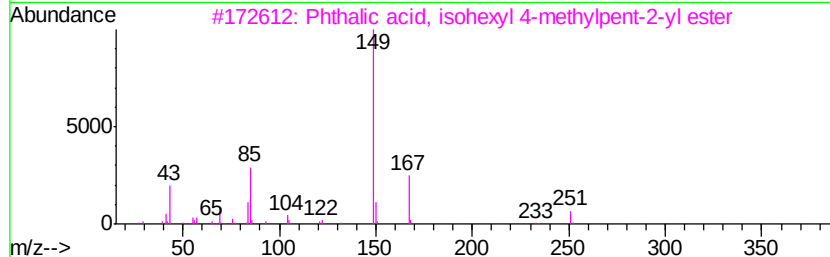
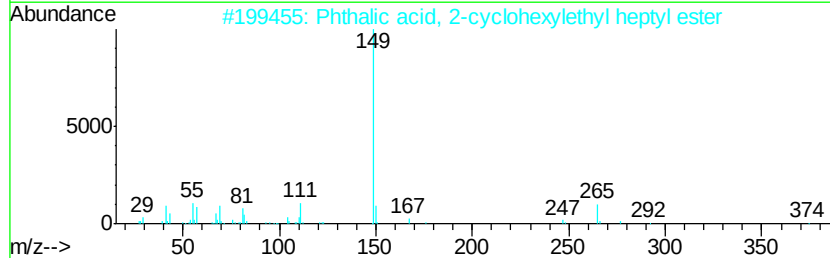
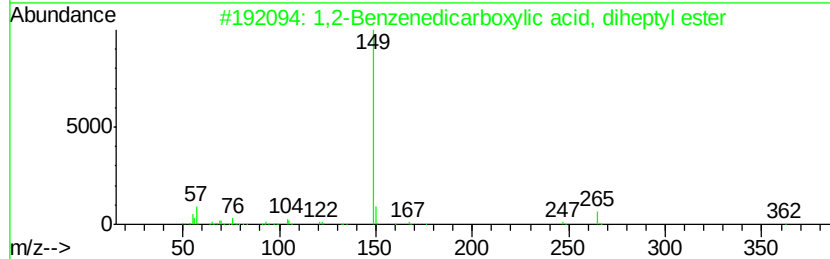
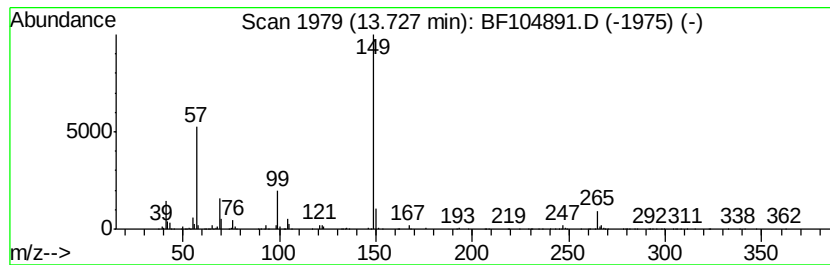
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	188.76 ng	5398870	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	95
2		Phthalic acid, 2-cyclohexylethyl...	374	C23H34O4	1000309-87-7	64
3		Phthalic acid, isohexyl 4-methyl...	334	C20H30O4	1000356-87-5	53
4		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	53
5		Phthalic acid, isohexyl isoporpy...	292	C17H24O4	1000315-00-4	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

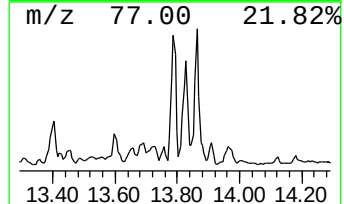
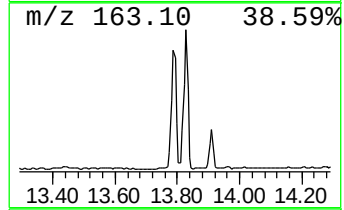
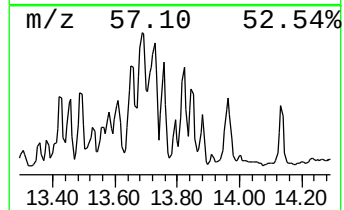
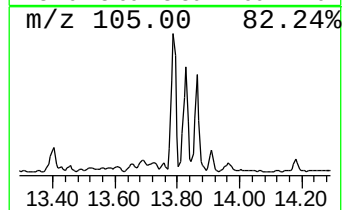
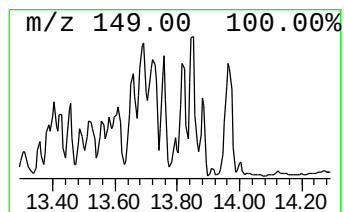
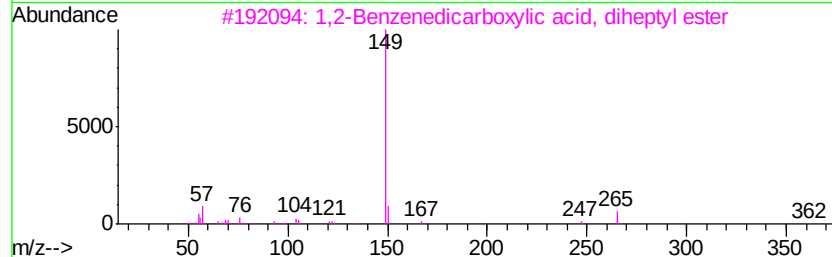
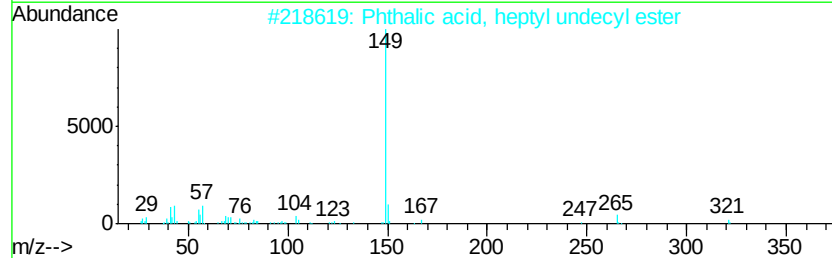
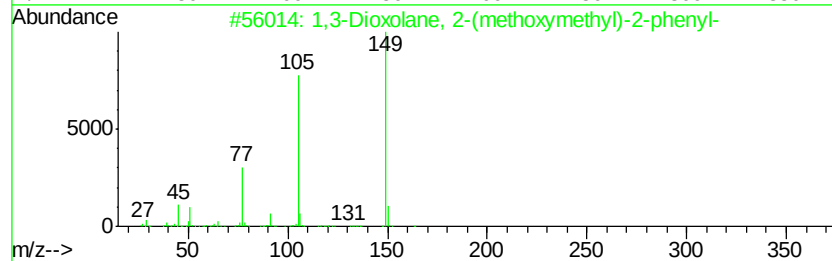
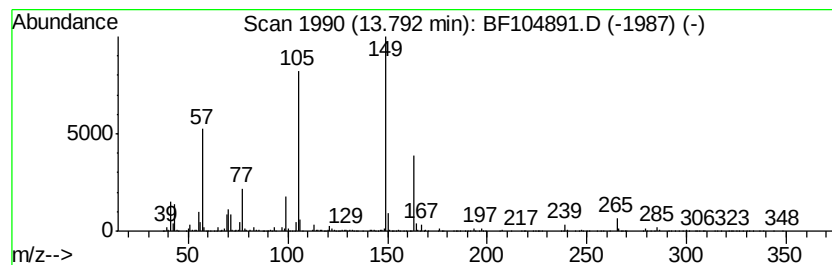
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	68.50 ng	1959300	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	50
2		Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	38
3		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	38
4		Phthalic acid, heptyl trans-hex-...	346	C21H30O4	1000360-48-5	38
5		Phthalic acid, 2,4-dimethylpent-...	362	C22H34O4	1000356-84-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

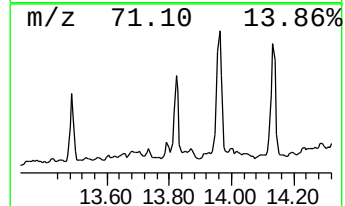
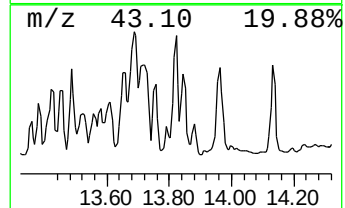
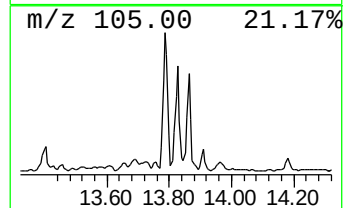
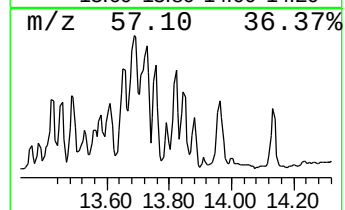
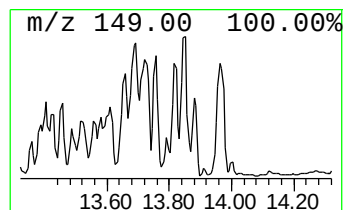
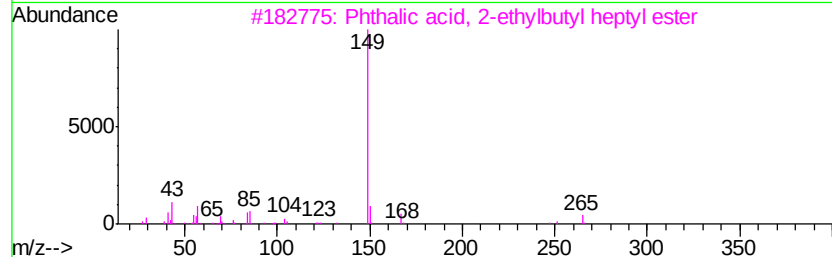
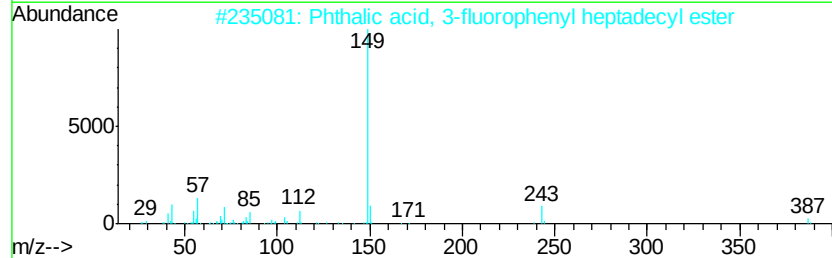
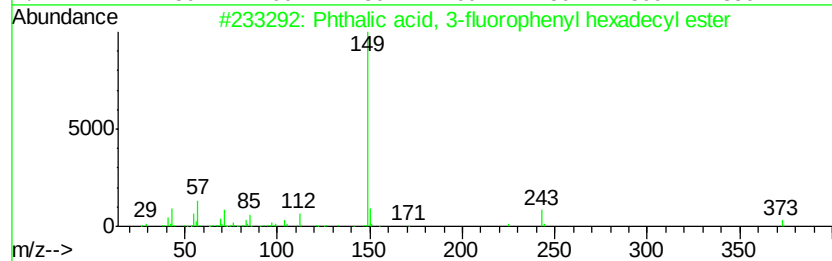
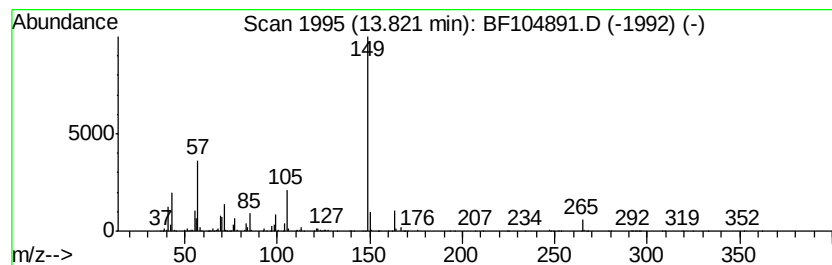
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phthalic acid, 3-fluorophen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	148.70 ng	4253030	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 3-fluorophenyl he...	484	C30H41F04	1000356-66-4	59
2		Phthalic acid, 3-fluorophenyl he...	498	C31H43F04	1000356-66-2	59
3		Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	53
4		Phthalic acid, heptyl 3-methylbu...	334	C20H30O4	1000356-80-8	53
5		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

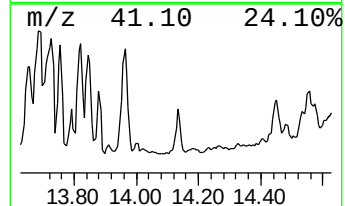
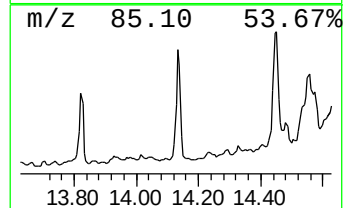
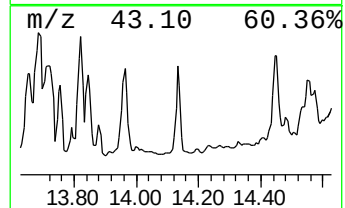
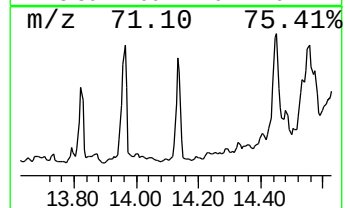
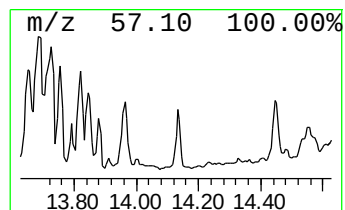
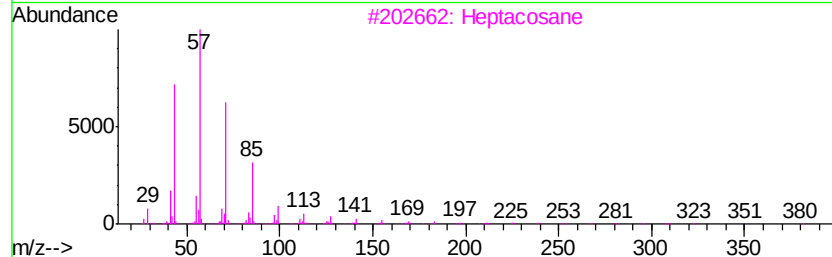
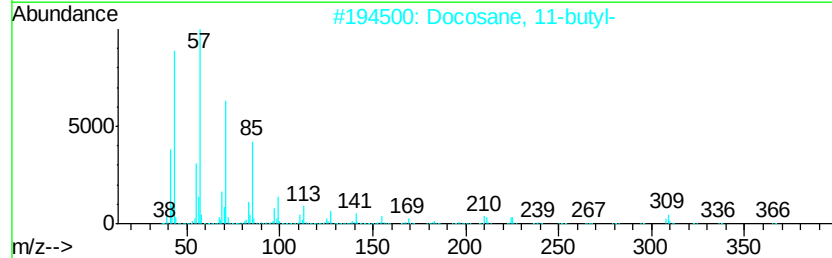
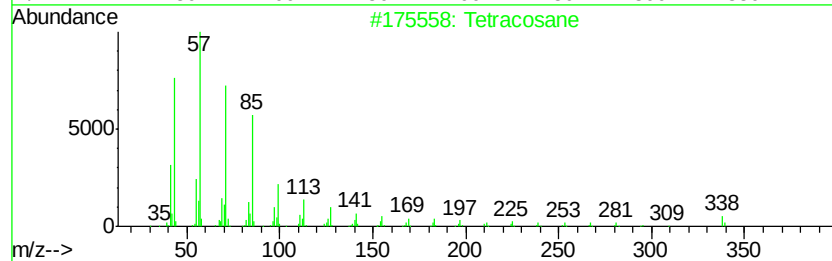
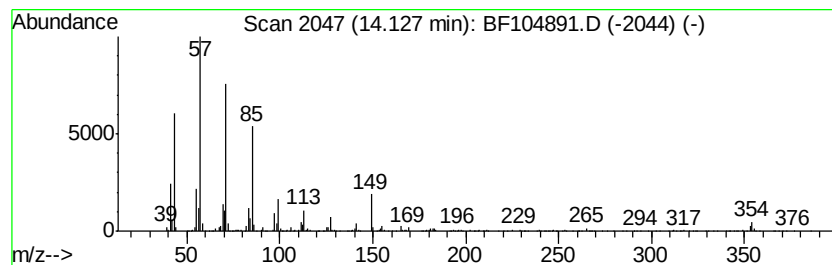
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	46.75 ng	1337090	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104891.D
Acq On : 27 Apr 2018 19:45
Operator : JU/SJ
Sample : J2522-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

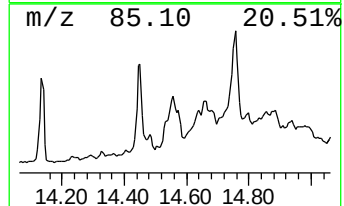
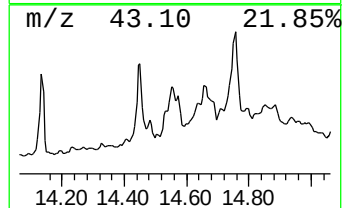
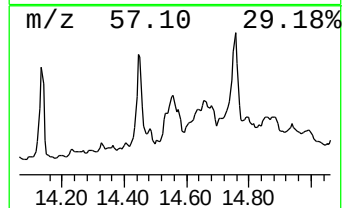
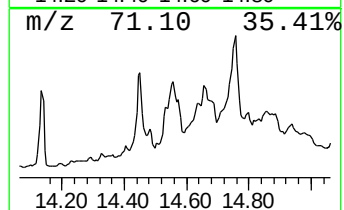
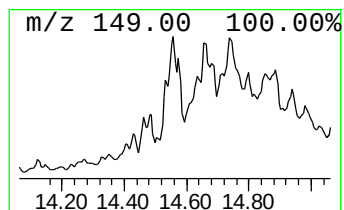
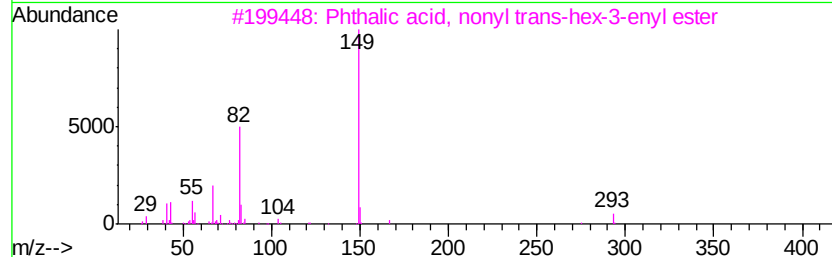
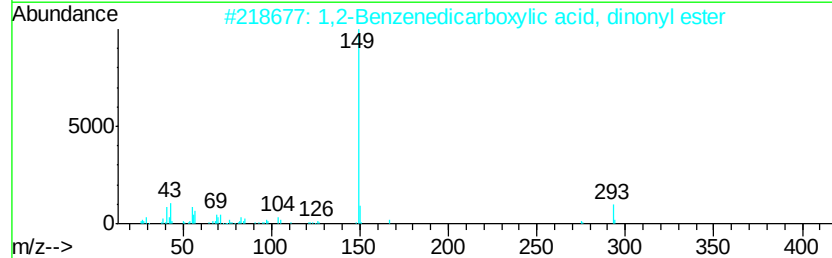
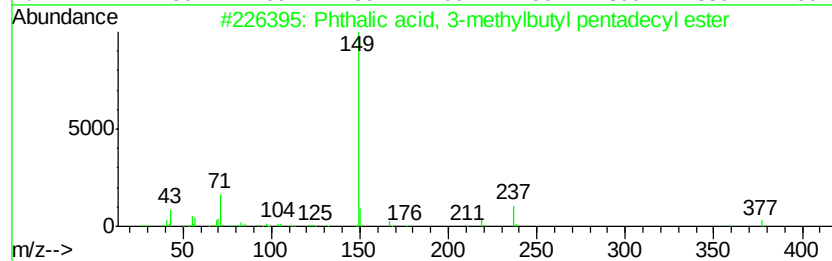
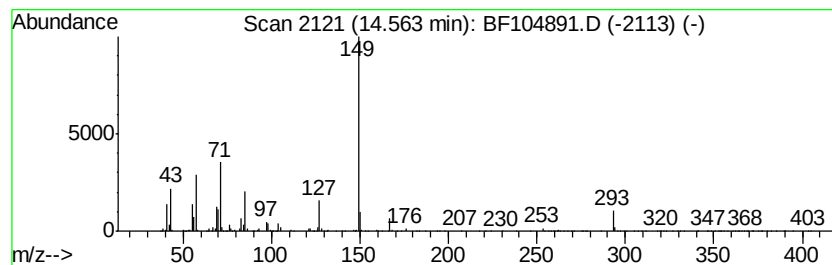
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phthalic acid, 3-methylbuty... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	107.84 ng	3084390	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 3-methylbutyl pen...	446	C28H46O4	1000356-81-6	59
2		1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	58
3		Phthalic acid, nonyl trans-hex-3...	374	C23H34O4	1000360-48-7	53
4		Phthalic acid, 1-cyclopentylethy...	388	C24H36O4	1000309-73-8	53
5		Phthalic acid, 3-(2-methoxyethyl...	448	C27H44O5	1000315-39-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042718\
 Data File : BF104891.D
 Acq On : 27 Apr 2018 19:45
 Operator : JU/SJ
 Sample : J2522-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.57	6.57	60.3	ng	2091440	1	6.80	693171	20.0
Benzyl butyl phth...	13.40	160.9	ng	4603420	5	14.00	572037	20.0
Phthalic acid, 2,...	13.46	88.9	ng	2542330	5	14.00	572037	20.0
unknown13.49	13.49	95.8	ng	2739400	5	14.00	572037	20.0
Phthalic acid, he...	13.53	76.3	ng	2182720	5	14.00	572037	20.0
Phthalic acid, he...	13.56	65.3	ng	1868330	5	14.00	572037	20.0
Di-sec-butyl phth...	13.58	51.3	ng	1465990	5	14.00	572037	20.0
Phthalic acid, di...	13.66	151.3	ng	4328540	5	14.00	572037	20.0
Phthalic acid, di...	13.69	215.9	ng	6174180	5	14.00	572037	20.0
1,2-Benzenedicarb...	13.73	188.8	ng	5398870	5	14.00	572037	20.0
1,3-Dioxolane, 2-...	13.79	68.5	ng	1959300	5	14.00	572037	20.0
Phthalic acid, 3-...	13.82	148.7	ng	4253030	5	14.00	572037	20.0
Tetracosane	14.13	46.8	ng	1337090	5	14.00	572037	20.0
Phthalic acid, 3-...	14.56	107.8	ng	3084390	5	14.00	572037	20.0