

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104894.D
 Acq On : 27 Apr 2018 21:05
 Operator : JU/SJ
 Sample : J2522-01
 Misc :
 ALS Vial : 16 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	4.998	491	495	504	rVB	203375	213305	3.26%	0.247%
2	5.375	554	559	566	rBV2	63078	73981	1.13%	0.086%
3	5.434	566	569	587	rBV	735331	1126808	17.21%	1.304%
4	5.634	598	603	608	rVB2	56094	88838	1.36%	0.103%
5	5.746	619	622	637	rVB2	57278	84964	1.30%	0.098%
6	6.057	665	675	677	rBV3	266000	443921	6.78%	0.514%
7	6.075	677	678	687	rVV	304349	240930	3.68%	0.279%
8	6.145	687	690	700	rVB	108541	124894	1.91%	0.145%
9	6.375	726	729	739	rVB	141469	154068	2.35%	0.178%
10	6.457	739	743	755	rBV	899955	1507933	23.03%	1.745%
11	6.581	760	764	770	rVV	1389710	1343432	20.52%	1.555%
12	6.634	770	773	778	rVB	116314	110657	1.69%	0.128%
13	6.798	798	801	808	rBV	628697	608710	9.30%	0.704%
14	6.857	808	811	814	rBV	156856	137014	2.09%	0.159%
15	6.957	824	828	831	rBV	1622504	1414241	21.60%	1.637%
16	6.987	831	833	843	rVB	96866	123898	1.89%	0.143%
17	7.316	885	889	892	rBV	135884	120437	1.84%	0.139%
18	7.363	892	897	900	rBV	1070376	1043272	15.93%	1.207%
19	7.540	924	927	930	rVB2	81202	72605	1.11%	0.084%
20	7.587	930	935	938	rBV3	93478	124994	1.91%	0.145%
21	7.798	967	971	981	rBV	819300	911500	13.92%	1.055%
22	7.987	1000	1003	1013	rVB	307324	319340	4.88%	0.370%
23	8.081	1016	1019	1023	rVB	559628	494290	7.55%	0.572%
24	8.251	1041	1048	1053	rBV3	52745	97286	1.49%	0.113%
25	8.504	1086	1091	1100	rVB	294500	377318	5.76%	0.437%
26	8.798	1136	1141	1149	rBV	226996	273797	4.18%	0.317%
27	9.157	1196	1202	1205	rBV	1920851	1602531	24.48%	1.855%
28	9.269	1217	1221	1225	rBV3	53816	71556	1.09%	0.083%
29	9.310	1225	1228	1234	rVB3	51462	72676	1.11%	0.084%
30	9.551	1263	1269	1272	rBV	114335	109555	1.67%	0.127%
31	9.639	1281	1284	1289	rVB	191193	183514	2.80%	0.212%
32	9.763	1300	1305	1308	rBV2	85572	80878	1.24%	0.094%
33	9.839	1315	1318	1324	rVB	633587	529002	8.08%	0.612%
34	10.233	1382	1385	1387	rBV	118837	88589	1.35%	0.103%

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35	10.263	1387	1390	1392	rVB2	100968	88222	1.35%	0.102%
36	10.633	1449	1453	1459	rVB2	249181	301864	4.61%	0.349%
37	10.733	1467	1470	1476	rBV	128114	129986	1.99%	0.150%
38	10.839	1485	1488	1491	rVB3	69841	70165	1.07%	0.081%
39	10.928	1500	1503	1507	rBV	376359	316450	4.83%	0.366%
40	10.992	1510	1514	1517	rVB	115208	110561	1.69%	0.128%
41	11.051	1521	1524	1529	rBV	149792	166742	2.55%	0.193%
42	11.186	1544	1547	1549	rVV2	193549	169606	2.59%	0.196%
43	11.275	1560	1562	1565	rVB4	129375	106957	1.63%	0.124%
44	11.333	1569	1572	1575	rBV	560802	517677	7.91%	0.599%
45	11.428	1585	1588	1590	rBV	119189	117239	1.79%	0.136%
46	11.451	1590	1592	1594	rVV2	127577	110659	1.69%	0.128%
47	11.492	1596	1599	1601	rVV	192751	180980	2.76%	0.209%
48	11.533	1603	1606	1615	rVB2	224828	362859	5.54%	0.420%
49	11.610	1616	1619	1622	rVV2	160798	138372	2.11%	0.160%
50	11.857	1658	1661	1663	rBV	269710	242224	3.70%	0.280%
51	11.886	1663	1666	1670	rVB	582071	453276	6.92%	0.525%
52	11.992	1681	1684	1686	rBV2	82383	85041	1.30%	0.098%
53	12.022	1686	1689	1692	rVB2	131901	135453	2.07%	0.157%
54	12.157	1710	1712	1715	rBV4	82057	87103	1.33%	0.101%
55	12.369	1745	1748	1750	rBV2	129956	126450	1.93%	0.146%
56	12.410	1753	1755	1759	rVB2	141294	122638	1.87%	0.142%
57	12.645	1793	1795	1797	rBV2	106610	93403	1.43%	0.108%
58	12.669	1797	1799	1801	rBV	103512	87685	1.34%	0.101%
59	12.786	1816	1819	1822	rBV2	171452	208555	3.19%	0.241%
60	12.922	1838	1842	1845	rVB	1741452	1602960	24.48%	1.855%
61	12.969	1848	1850	1852	rBV2	117742	119923	1.83%	0.139%
62	12.992	1852	1854	1857	rBV2	139607	135673	2.07%	0.157%
63	13.027	1858	1860	1862	rBV2	130696	107145	1.64%	0.124%
64	13.074	1866	1868	1870	rBV	207379	156713	2.39%	0.181%
65	13.104	1870	1873	1875	rBV2	265242	336300	5.14%	0.389%
66	13.145	1878	1880	1883	rVB2	357880	302296	4.62%	0.350%
67	13.192	1884	1888	1889	rBV	306137	393628	6.01%	0.456%
68	13.263	1897	1900	1901	rBV	408571	445040	6.80%	0.515%
69	13.310	1905	1908	1914	rVV	879025	1431895	21.87%	1.657%
70	13.363	1914	1917	1919	rVV	1179265	1232158	18.82%	1.426%
71	13.410	1919	1925	1927	rVV2	3686983	6278472	95.89%	7.266%

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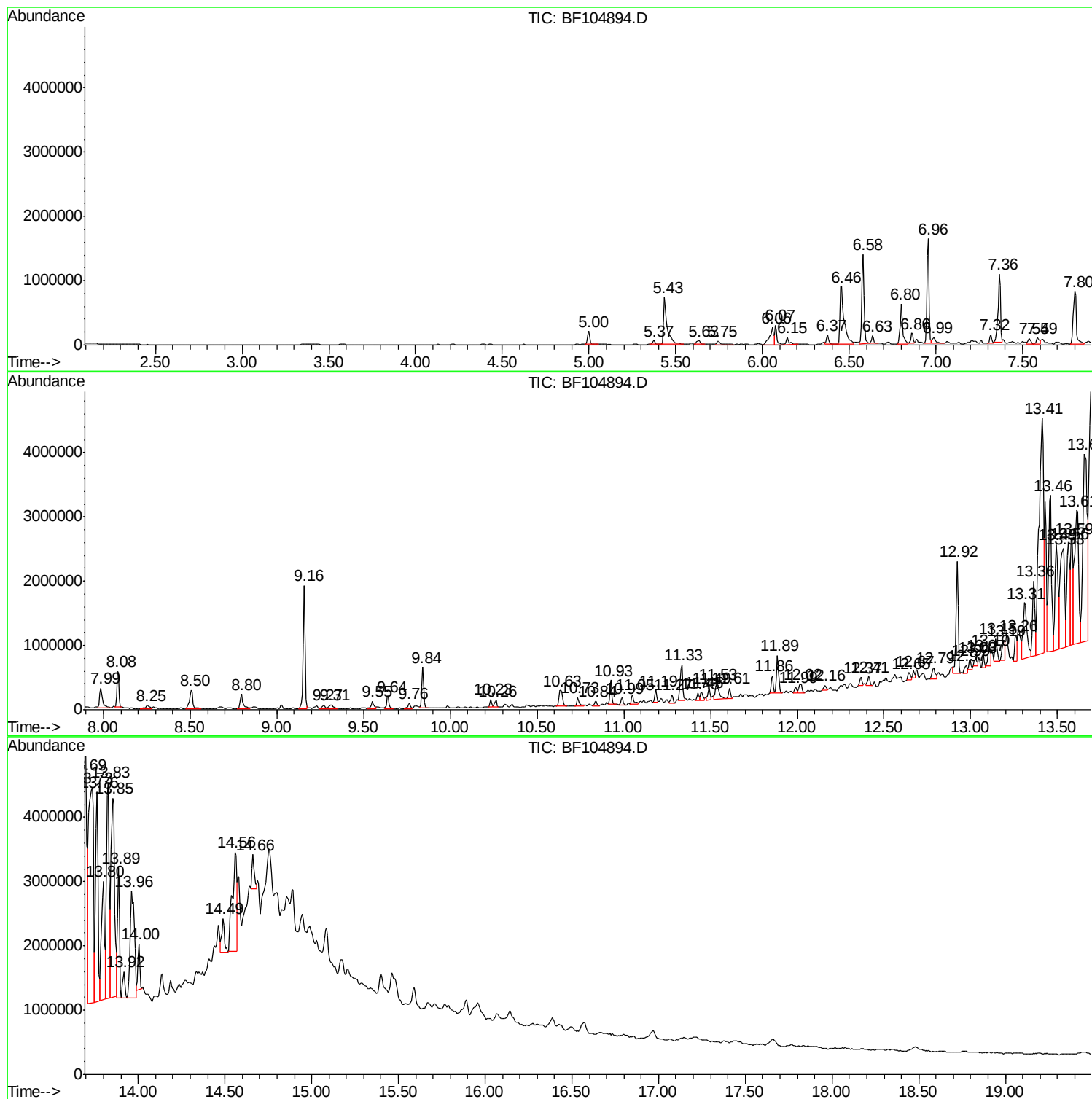
72	13.463	1930	1934	1936	rVV	2431714	2955559	45.14%	3.421%
73	13.492	1936	1939	1942	rVV2	1641712	2322518	35.47%	2.688%
74	13.533	1942	1946	1948	rVV2	1550043	2454277	37.48%	2.840%
75	13.563	1948	1951	1953	rVV	1610513	2232117	34.09%	2.583%
76	13.586	1953	1955	1956	rVV	1659119	1587367	24.24%	1.837%
77	13.610	1956	1959	1963	rVV	2077276	3317271	50.66%	3.839%
78	13.657	1963	1967	1970	rVV	2926867	4764522	72.77%	5.514%
79	13.692	1970	1973	1976	rVV	3862189	6547475	100.00%	7.577%
80	13.733	1976	1980	1982	rVV2	3351377	5848134	89.32%	6.768%
81	13.763	1982	1985	1988	rVV	3252758	3649561	55.74%	4.224%
82	13.798	1988	1991	1993	rVV2	1838300	2087600	31.88%	2.416%
83	13.827	1993	1996	1998	rVV2	3357644	4124745	63.00%	4.774%
84	13.851	1998	2000	2004	rVV	3083119	3957997	60.45%	4.581%
85	13.886	2004	2006	2009	rVB	2020380	1674043	25.57%	1.937%
86	13.916	2009	2011	2014	rBV	406730	298385	4.56%	0.345%
87	13.963	2014	2019	2023	rBV2	1658693	2711523	41.41%	3.138%
88	14.004	2023	2026	2029	rVB	703357	623270	9.52%	0.721%
89	14.486	2106	2108	2113	rVB	519932	516936	7.90%	0.598%
90	14.557	2114	2120	2122	rBV	1543556	2813992	42.98%	3.257%
91	14.663	2136	2138	2141	rBV	537724	476562	7.28%	0.552%

Sum of corrected areas: 86406958

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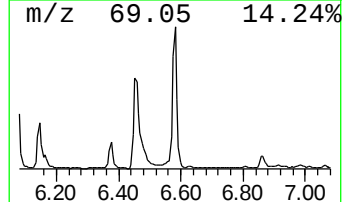
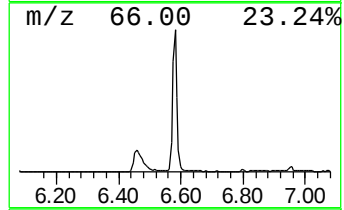
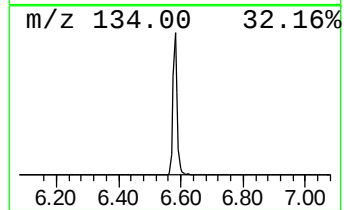
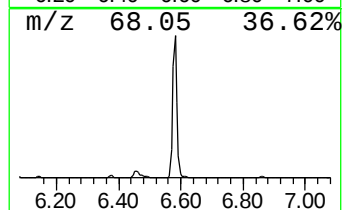
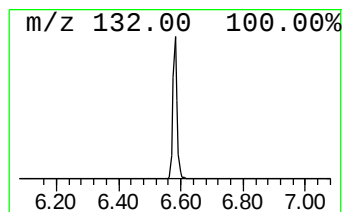
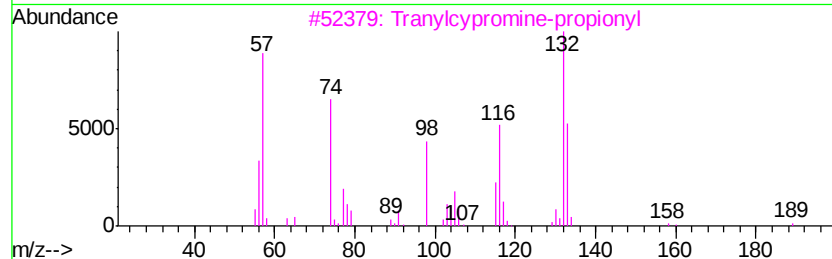
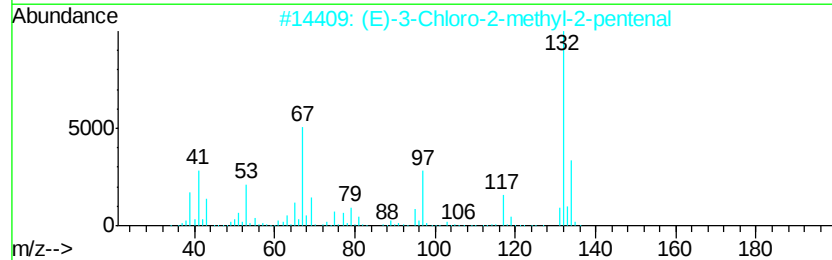
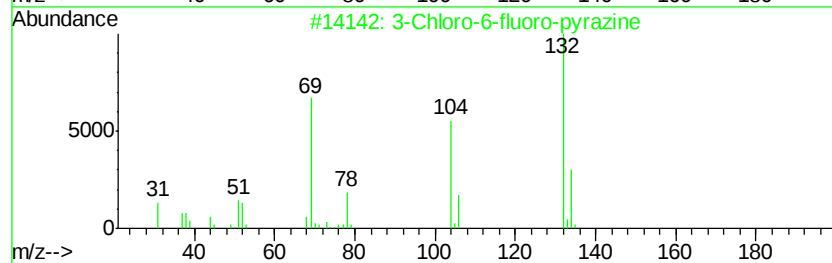
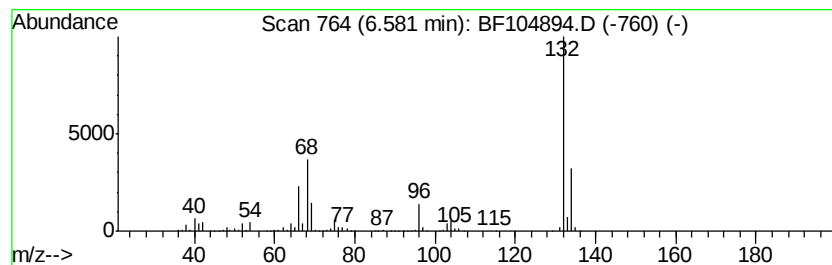
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	44.14 ng	1343430	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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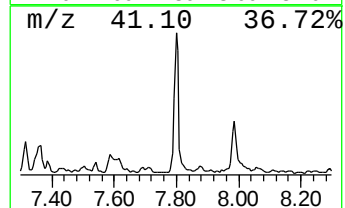
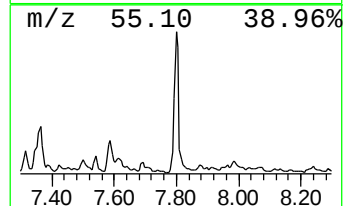
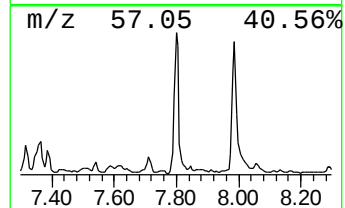
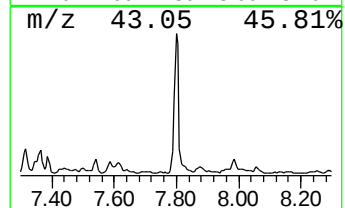
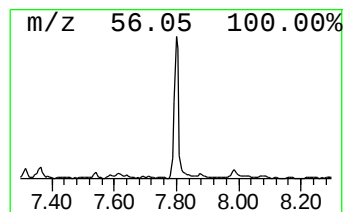
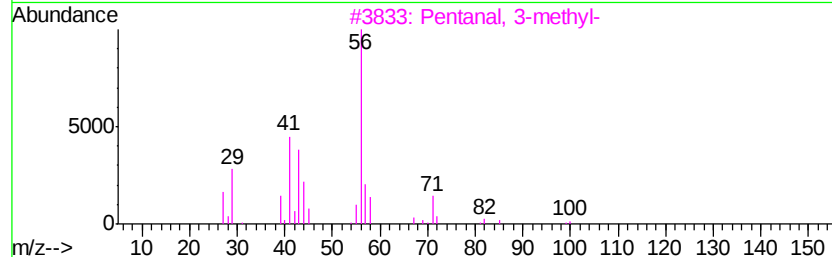
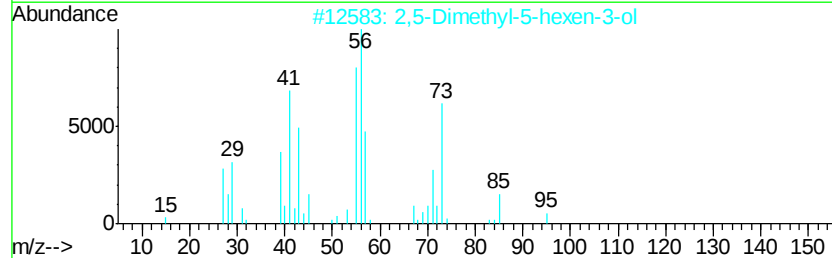
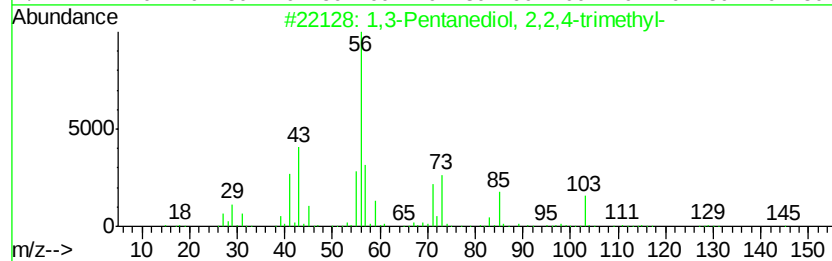
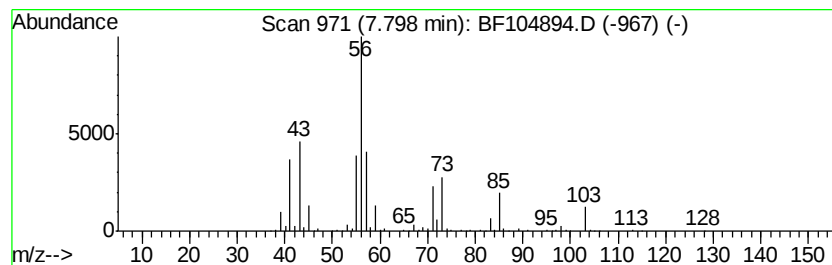
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	36.88 ng	911500	Napthalene-d8	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	86
2			2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	28
3			Pentanal, 3-methyl-	100	C6H12O	015877-57-3	25
4			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	23
5			1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	23



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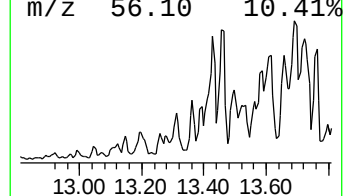
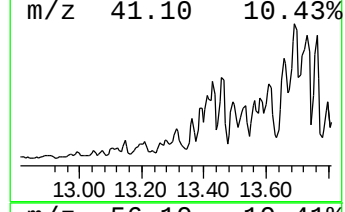
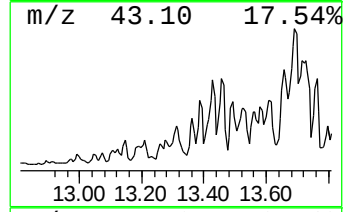
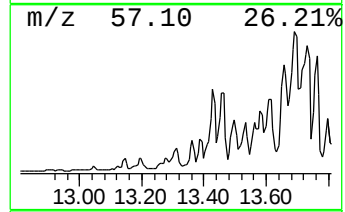
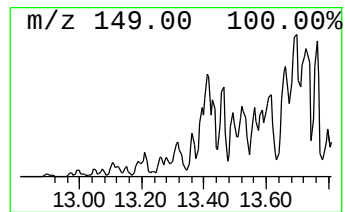
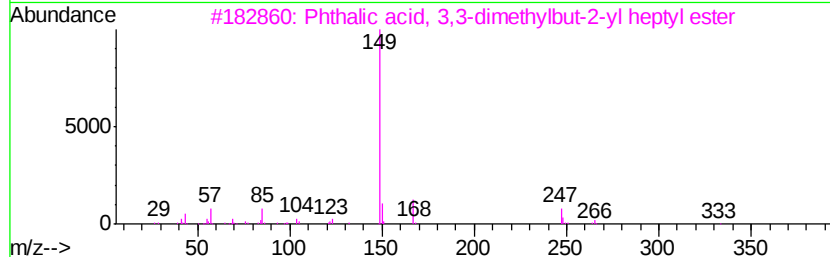
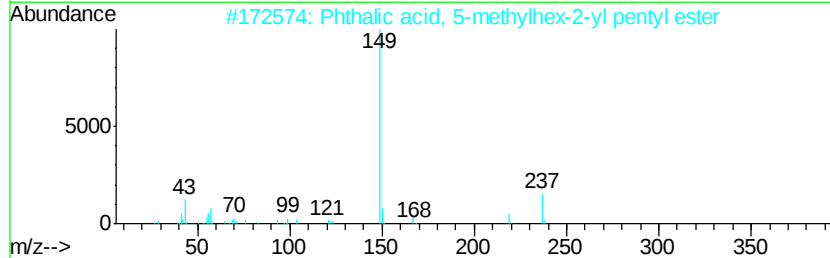
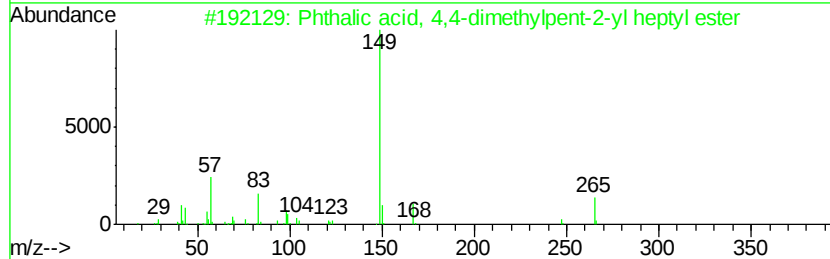
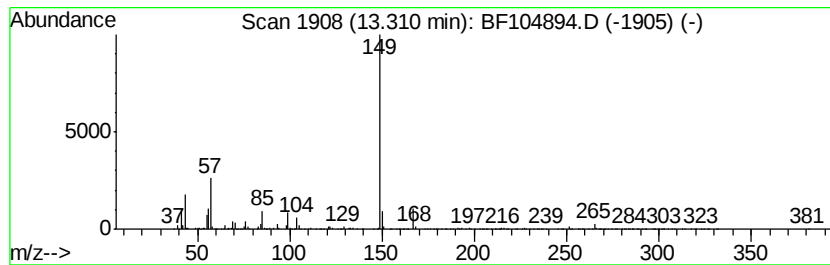
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phthalic acid, 4,4-dimethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	45.95 ng	1431900	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 4,4-dimethylpent-...	362	C22H34O4	1000371-13-8	72
2		Phthalic acid, 5-methylhex-2-yl ...	334	C20H30O4	1000371-08-9	72
3		Phthalic acid, 3,3-dimethylbut-2...	348	C21H32O4	1000357-00-6	72
4		Phthalic acid, 2-fluorophenyl te...	456	C28H37FO4	1000356-50-3	64
5		Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	64



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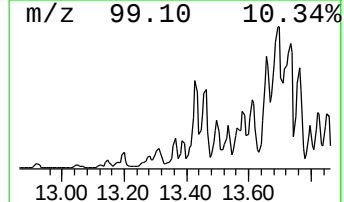
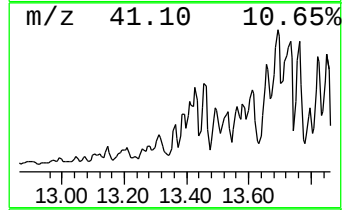
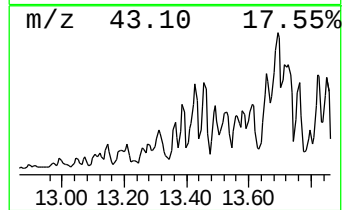
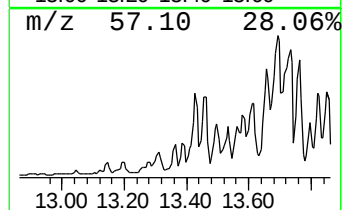
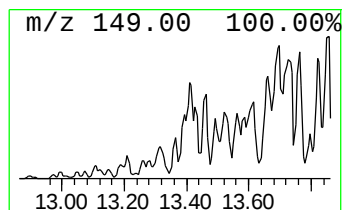
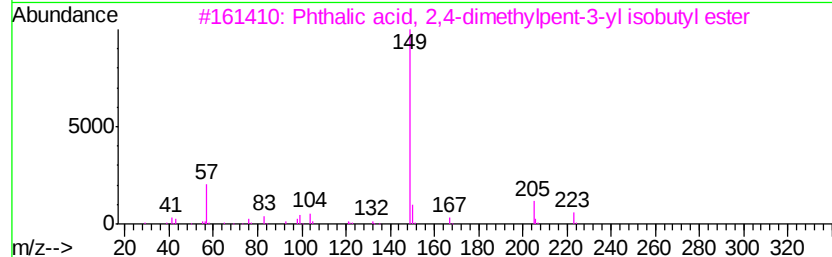
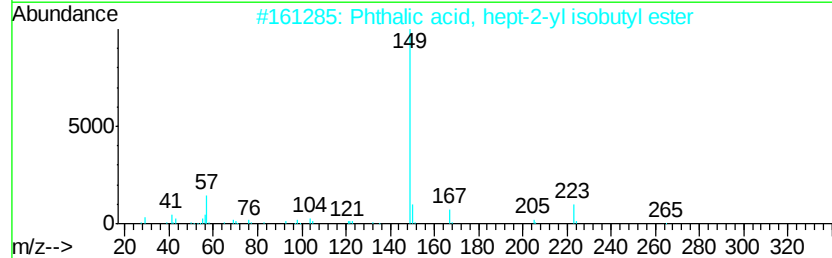
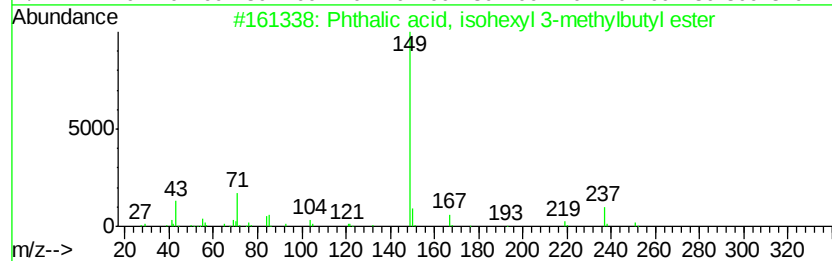
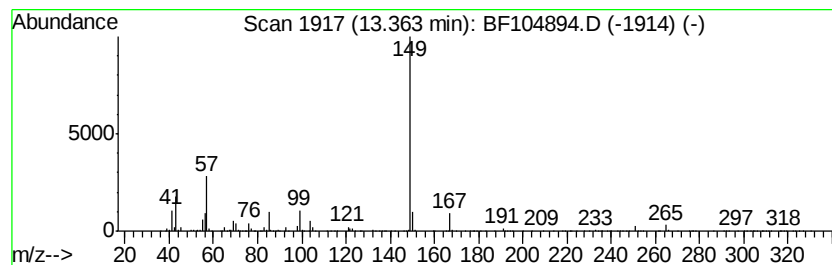
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phthalic acid, isohexyl 3-m... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	39.54 ng	1232160	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, isohexyl 3-methyl...	320	C19H28O4	1000356-80-6	80
2		Phthalic acid, hept-2-yl isobutyl...	320	C19H28O4	1000356-97-0	72
3		Phthalic acid, 2,4-dimethylpent-...	320	C19H28O4	1000356-84-3	64
4		Phthalic acid, hexyl isopropyl e...	292	C17H24O4	1000315-00-0	64
5		Phthalic acid, 5-methylhex-2-yl ...	334	C20H30O4	1000371-08-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

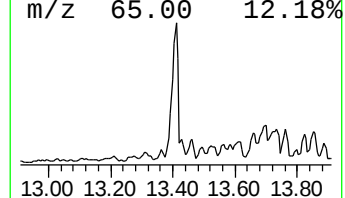
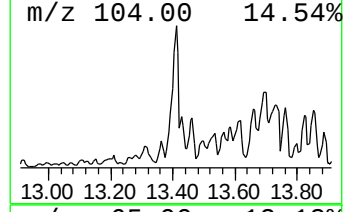
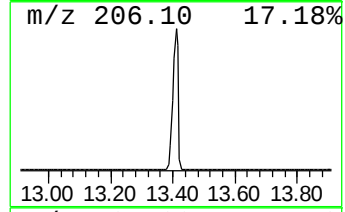
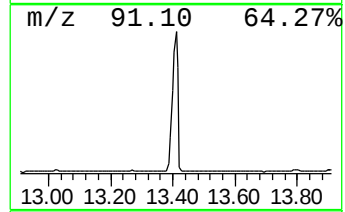
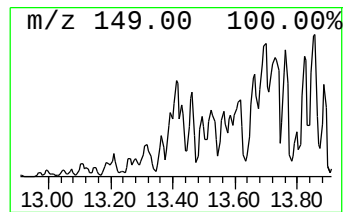
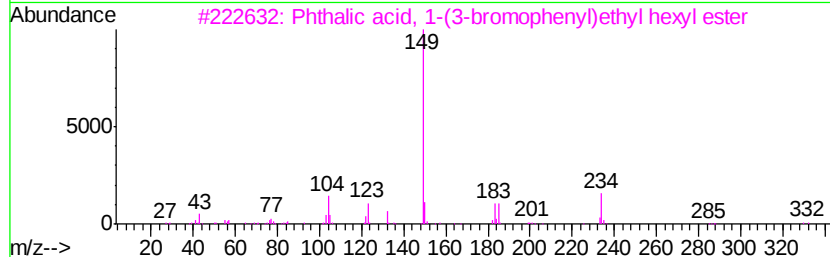
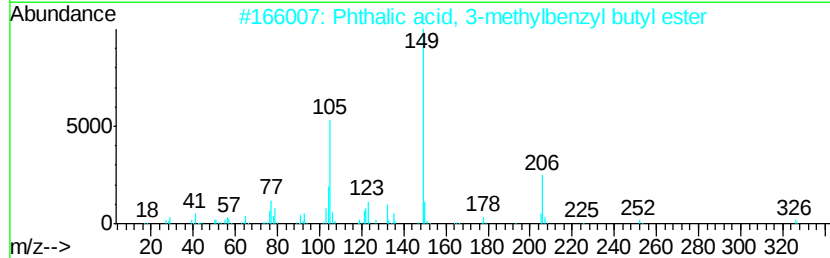
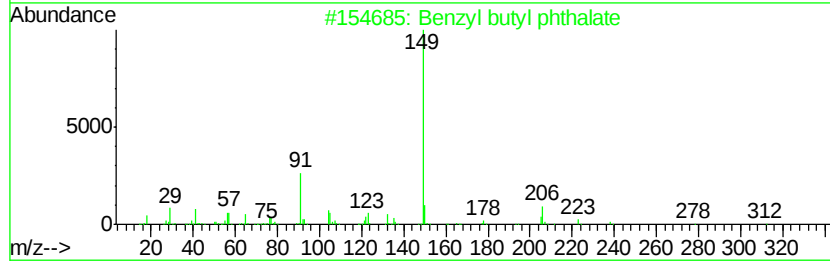
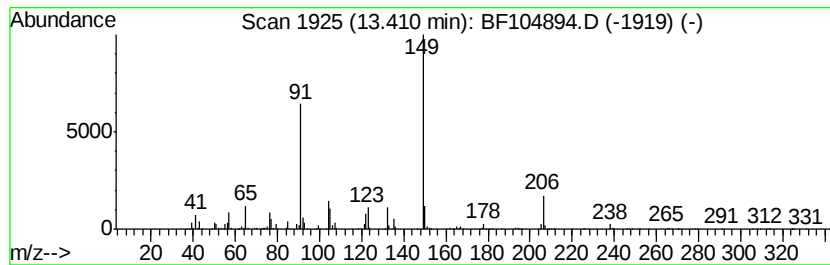
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzyl butyl phthalate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	201.47 ng	6278470	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	90
2		Phthalic acid, 3-methylbenzyl bu...	326	C20H22O4	1000371-10-6	86
3		Phthalic acid, 1-(3-bromophenyl)...	432	C22H25BrO4	1000377-87-9	72
4		Phthalic acid, propyl undec-2-en...	360	C22H32O4	1000315-41-4	72
5		Phthalic acid, ethyl 2-methylall...	248	C14H16O4	1000315-19-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

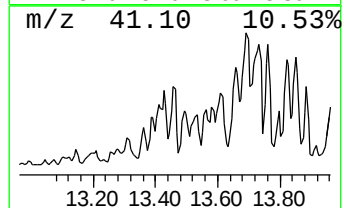
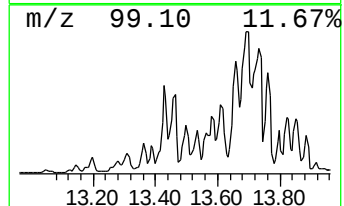
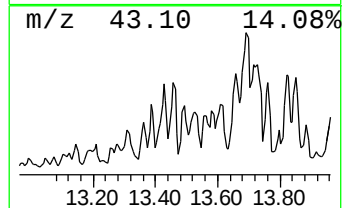
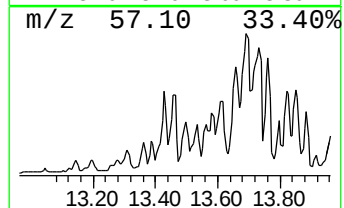
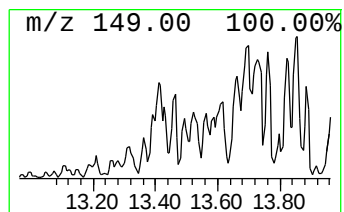
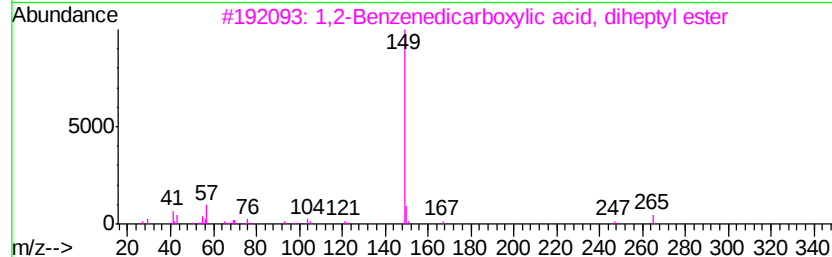
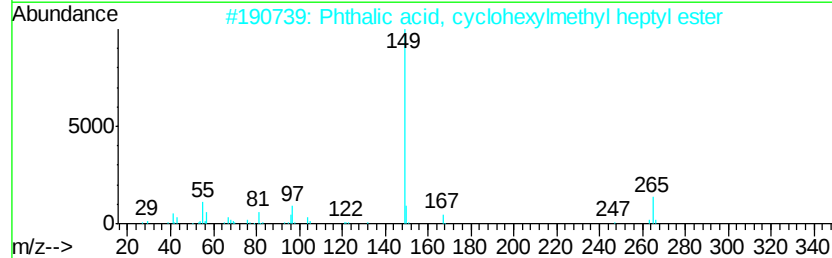
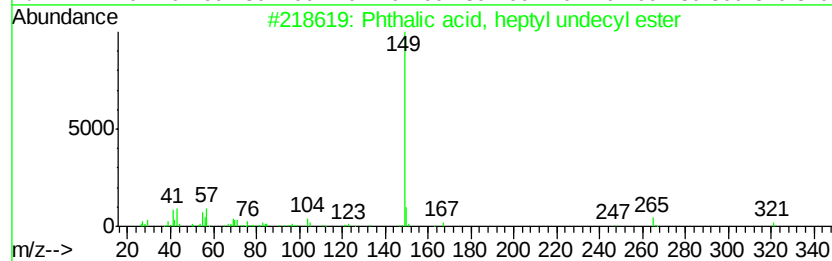
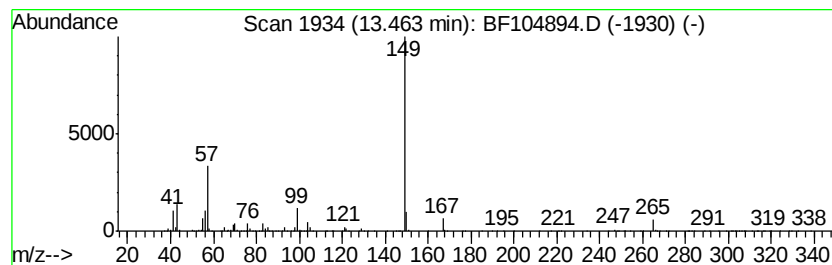
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phthalic acid, heptyl undec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	94.84 ng	2955560	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	80
2		Phthalic acid, cyclohexylmethyl ...	360	C22H32O4	1000314-91-7	72
3		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
4		Phthalic acid, 5-methylhex-2-yl ...	334	C20H30O4	1000371-08-9	64
5		Phthalic acid, 2-ethylbutyl isob...	306	C18H26O4	1000356-88-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

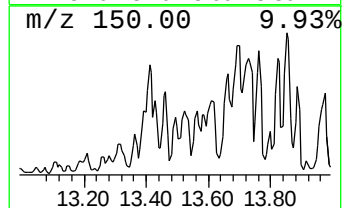
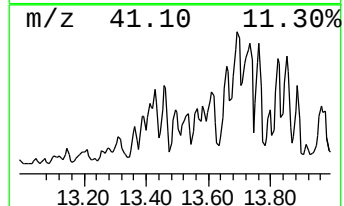
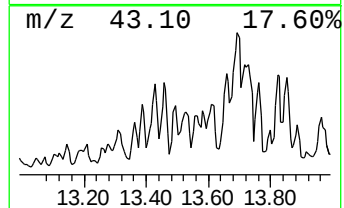
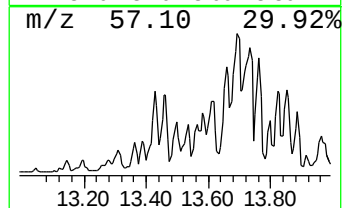
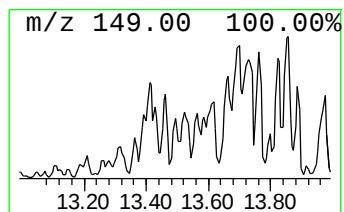
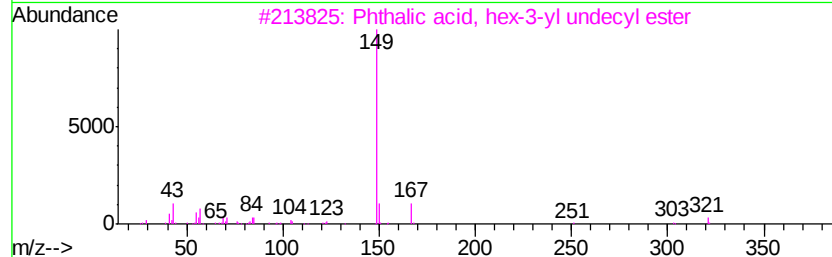
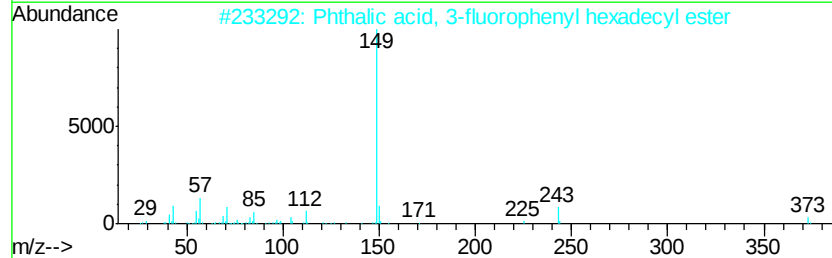
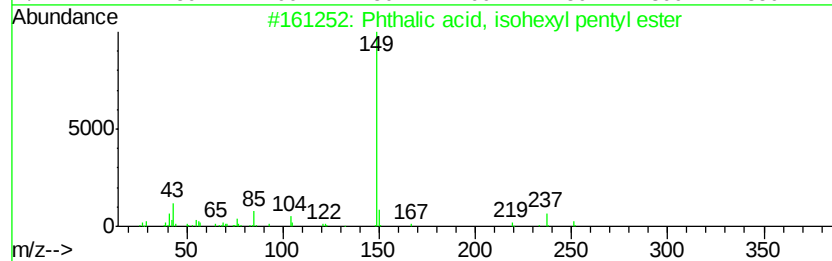
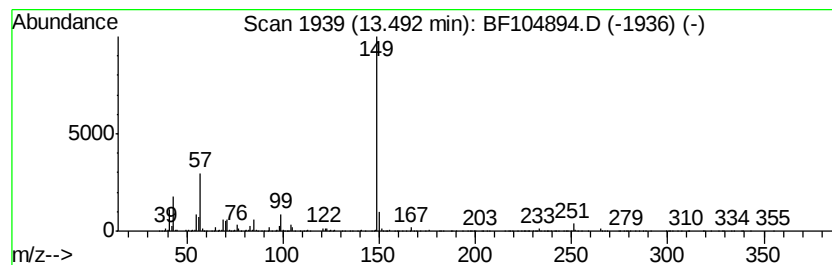
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phthalic acid, isohexyl pen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	74.53 ng	2322520	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, isohexyl pentyl e...	320	C19H28O4	1000308-95-8	72
2		Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	64
3		Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	64
4		Phthalic acid, isohexyl isopropyl...	292	C17H24O4	1000315-00-4	64
5		Phthalic acid, 2-ethylbutyl prop...	292	C17H24O4	1000356-88-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
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Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

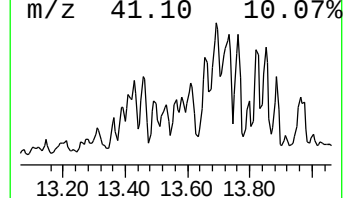
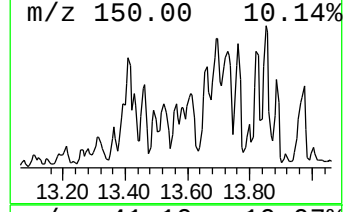
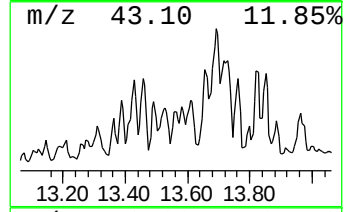
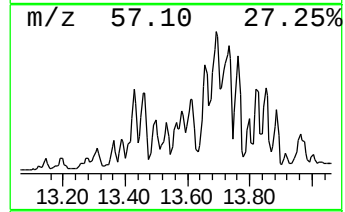
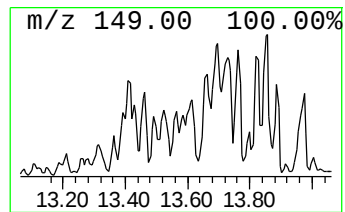
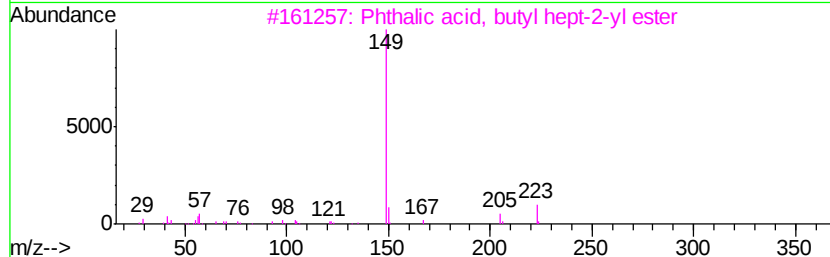
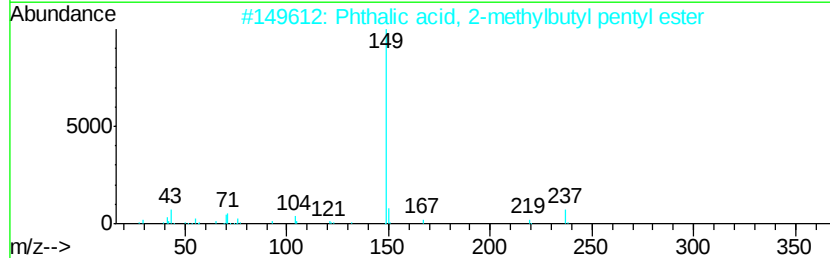
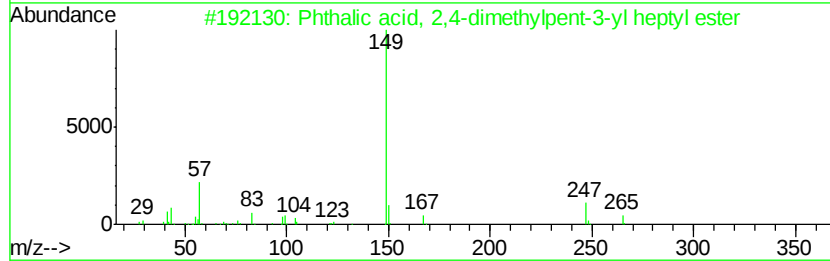
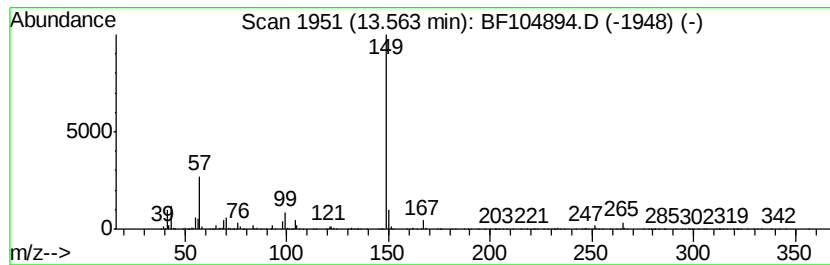
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phthalic acid, 2,4-dimethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	71.63 ng	2232120	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 2,4-dimethylpent-...	362	C22H34O4	1000356-84-6	86
2		Phthalic acid, 2-methylbutyl pen...	306	C18H26O4	1000322-81-2	72
3		Phthalic acid, butyl hept-2-yl e...	320	C19H28O4	1000356-97-1	72
4		Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	72
5		Phthalic acid, isobutyl isopropy...	264	C15H20O4	1000315-00-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
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Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
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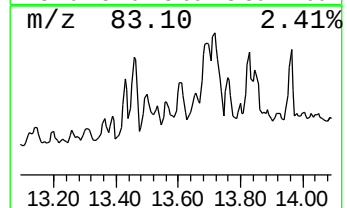
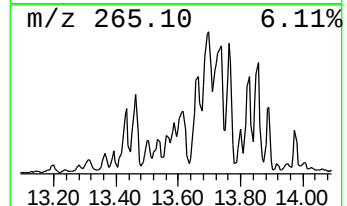
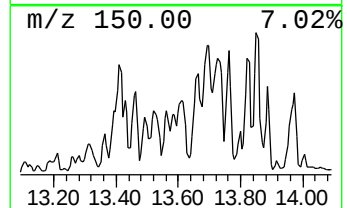
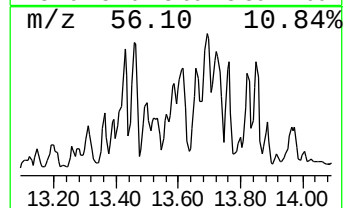
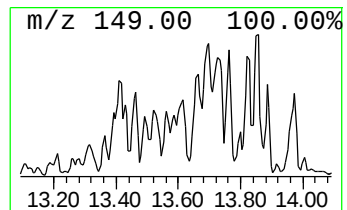
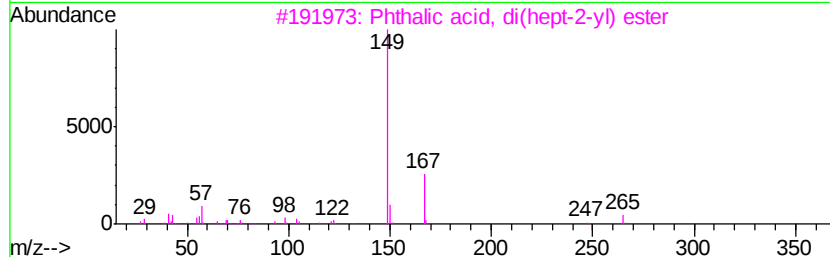
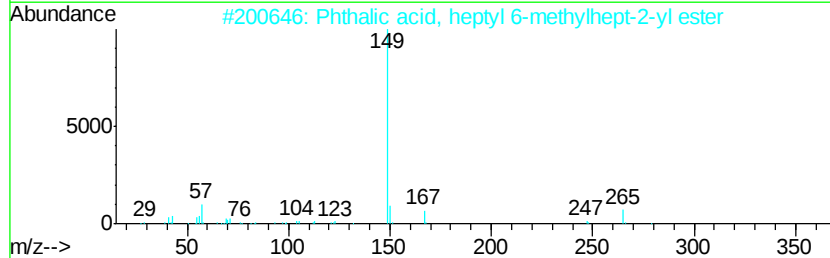
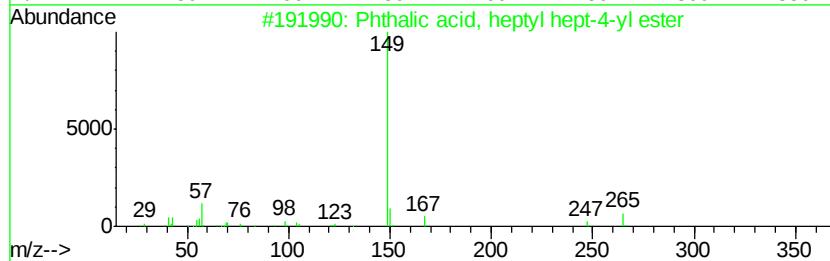
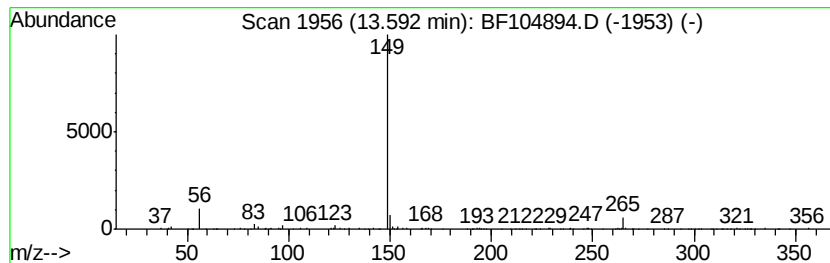
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phthalic acid, heptyl hept-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	50.94 ng	1587370	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, heptyl hept-4-yl ...	362	C22H34O4	1000356-78-8	64
2		Phthalic acid, heptyl 6-methylhe...	376	C23H36O4	1000377-96-1	64
3		Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	64
4		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	64
5		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
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Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

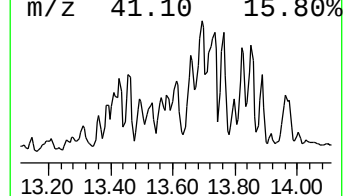
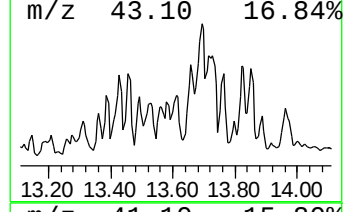
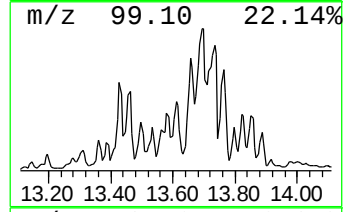
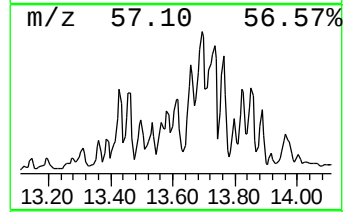
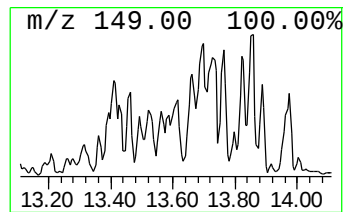
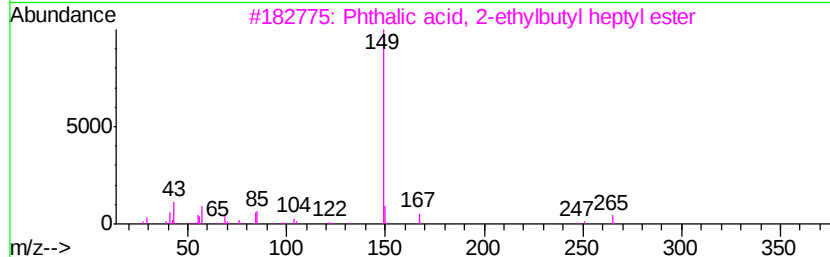
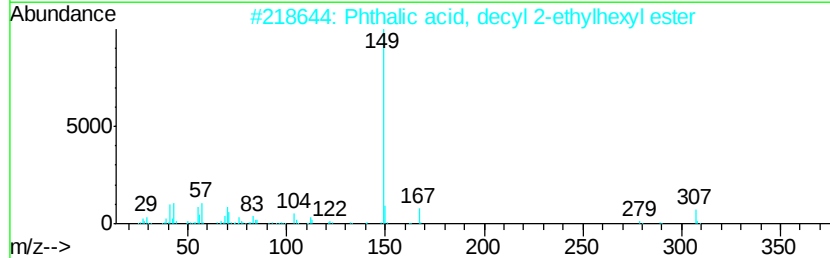
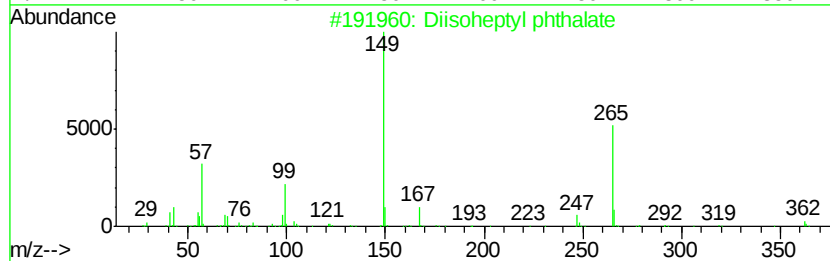
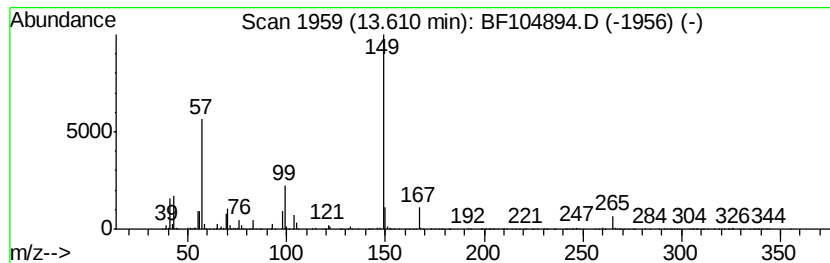
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Diisooheptyl phthalate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	106.45 ng	3317270	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisooheptyl phthalate	362	C22H34O4	041451-28-9	86
2		Phthalic acid, decyl 2-ethylhexyl ester	418	C26H42O4	1000309-00-0	59
3		Phthalic acid, 2-ethylbutyl heptyl ester	348	C21H32O4	1000356-89-2	59
4		Phthalic acid, 2-ethylhexyl propyl ester	320	C19H28O4	1000309-00-2	53
5		Phthalic acid, di(2-methylbutyl) ester	306	C18H26O4	1000322-82-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

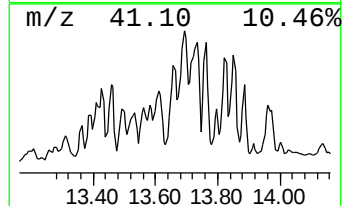
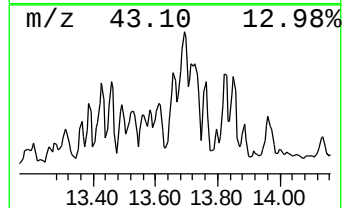
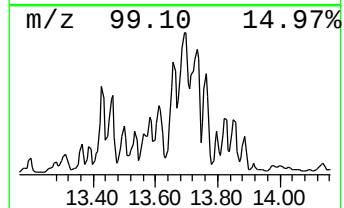
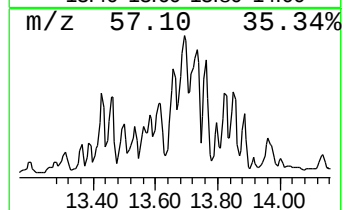
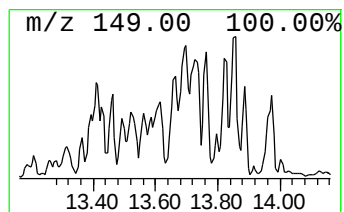
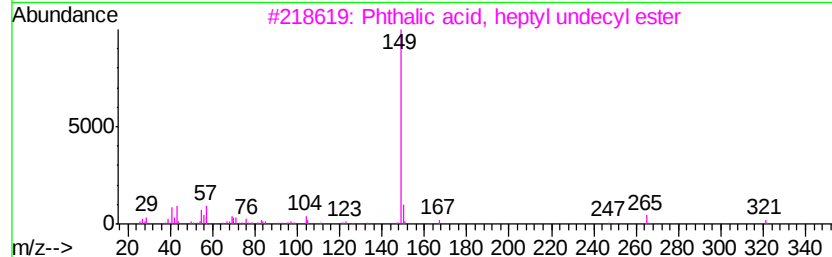
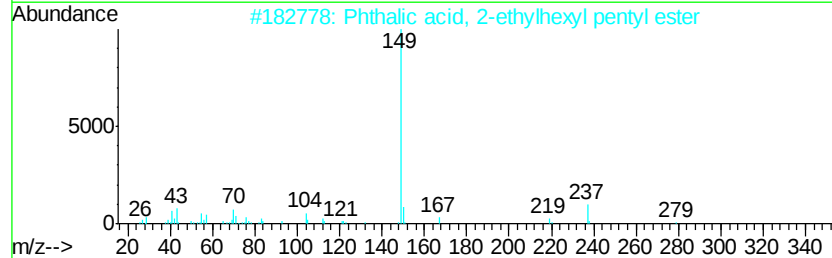
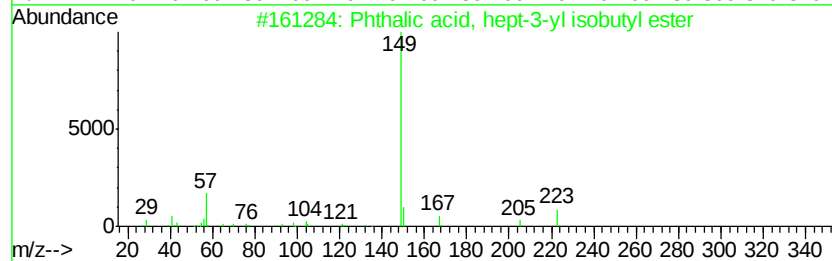
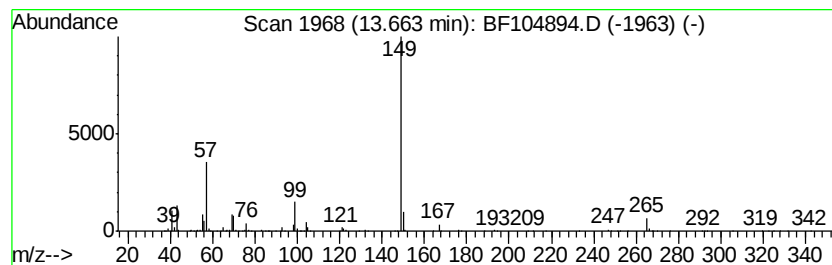
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phthalic acid, hept-3-yl is... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	152.89 ng	4764520	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, hept-3-yl isobutyl...	320	C19H28O4	1000356-98-6	64
2		Phthalic acid, 2-ethylhexyl pent...	348	C21H32O4	1000309-01-3	64
3		Phthalic acid, heptyl undecyl ester	418	C26H42O4	1000308-94-0	64
4		Phthalic acid, 2-methylbutyl pen...	306	C18H26O4	1000322-81-2	64
5		Phthalic acid, but-3-yn-2-yl 2-p...	288	C17H20O4	1000315-75-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

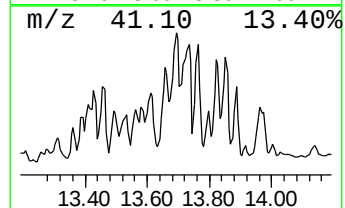
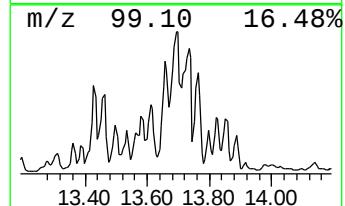
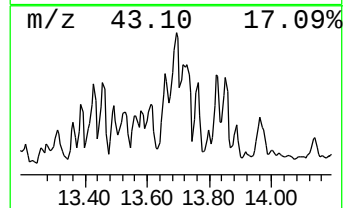
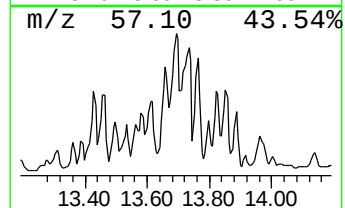
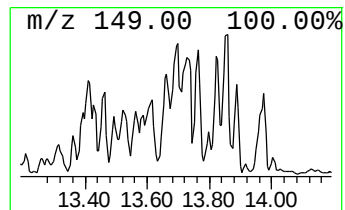
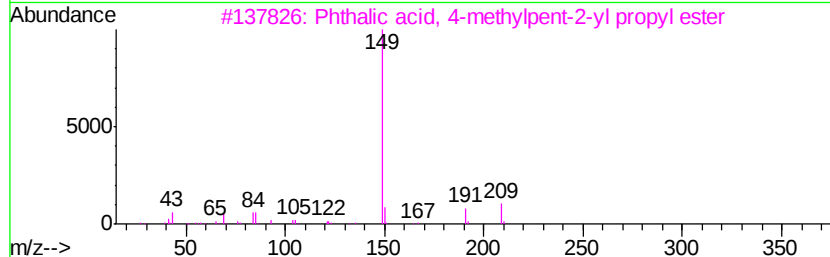
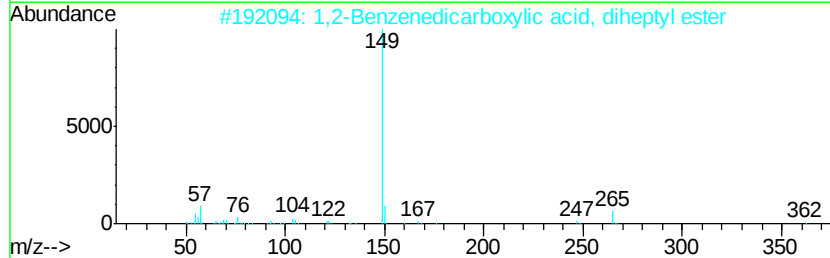
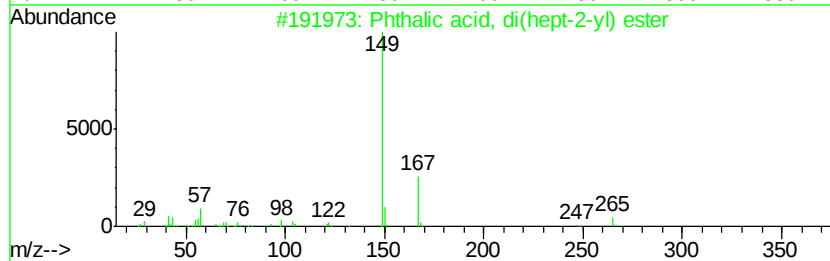
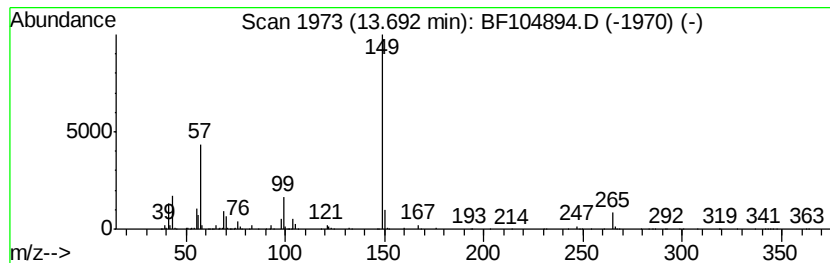
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phthalic acid, di(hept-2-yl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	210.10 ng	6547480	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	80
2		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	72
3		Phthalic acid, 4-methylpent-2-yl...	292	C17H24O4	1000356-87-1	64
4		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	64
5		Phthalic acid, 2-methylpent-3-yl...	320	C19H28O4	1000356-90-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

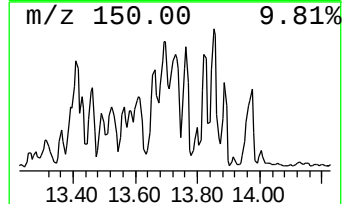
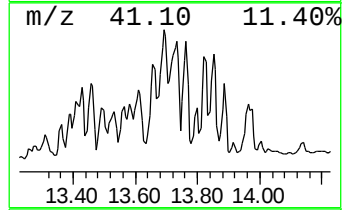
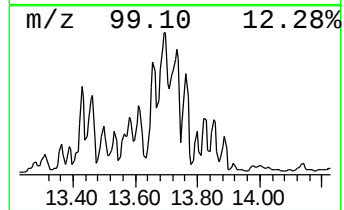
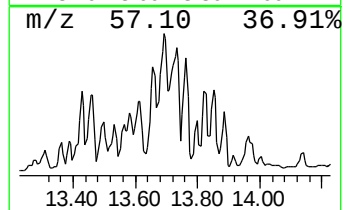
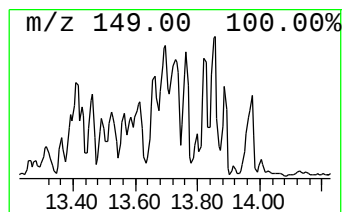
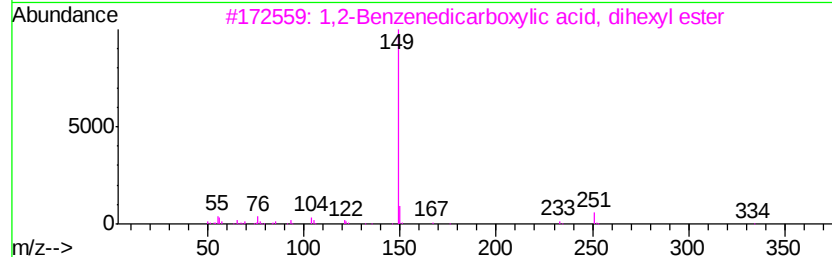
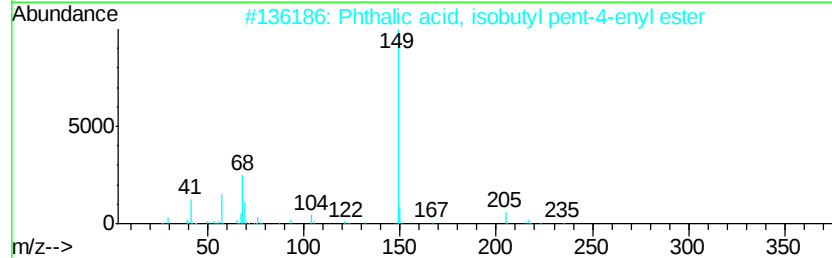
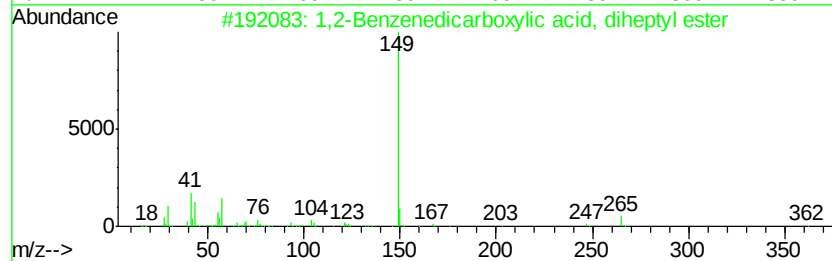
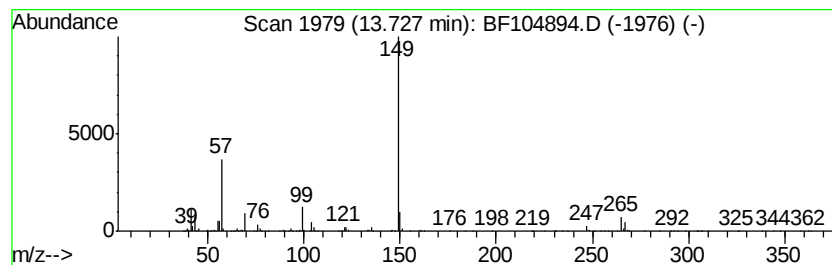
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	187.66 ng	5848130	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	80
2		Phthalic acid, isobutyl pent-4-e...	290	C17H22O4	1000360-46-0	72
3		1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	59
4		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	59
5		Phthalic acid, decyl 2,2-dichlor...	402	C20H28Cl2O4	1000356-93-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

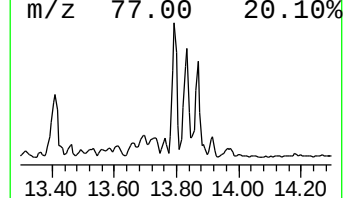
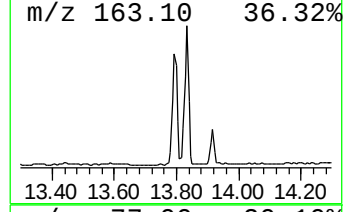
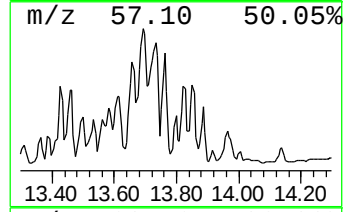
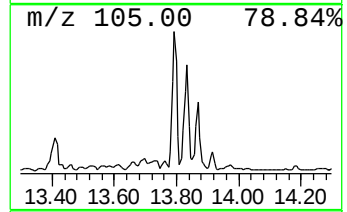
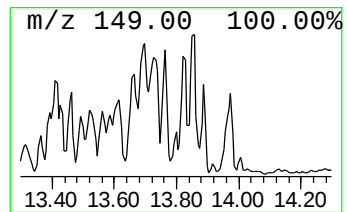
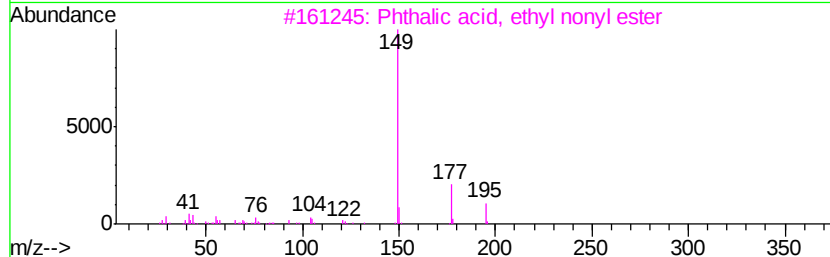
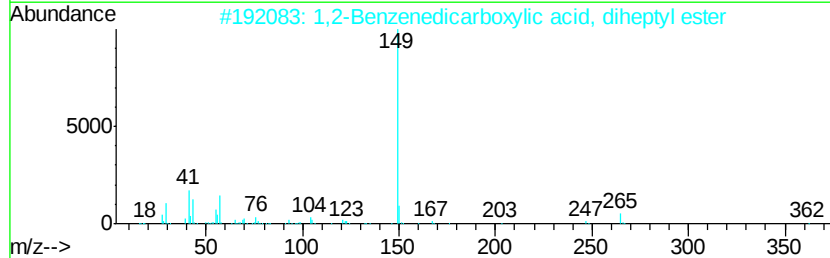
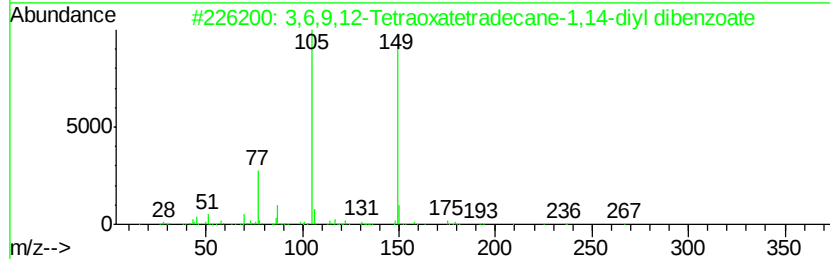
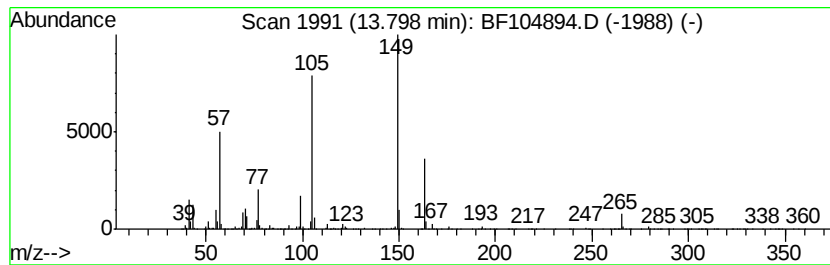
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3,6,9,12-Tetraoxatetradecan... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	66.99 ng	2087600	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	59
2		1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	43
3		Phthalic acid, ethyl nonyl ester	320	C19H28O4	1000308-93-5	43
4		Phthalic acid, heptyl trans-hex...	346	C21H30O4	1000360-48-5	43
5		Phthalic acid, isobutyl 4-octyl ...	334	C20H30O4	1000314-84-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104894.D
Acq On : 27 Apr 2018 21:05
Operator : JU/SJ
Sample : J2522-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

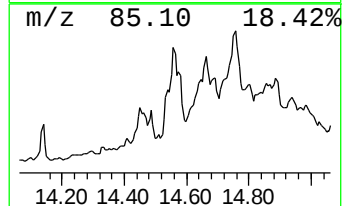
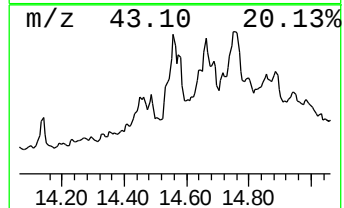
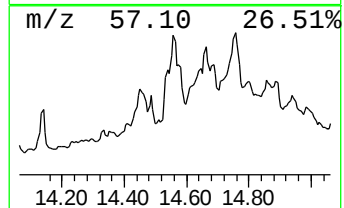
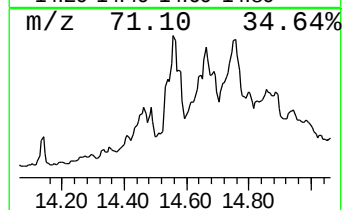
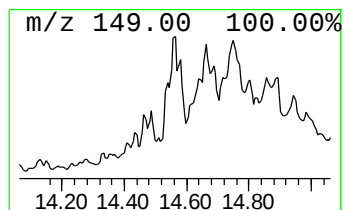
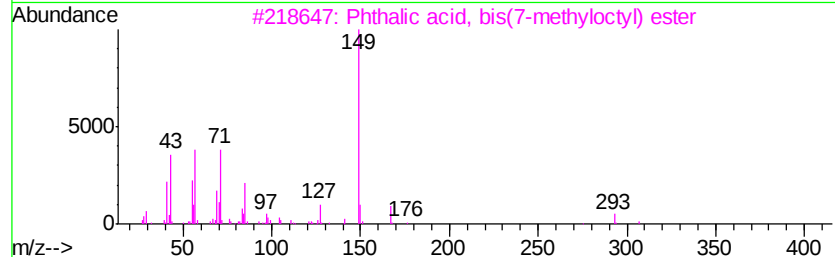
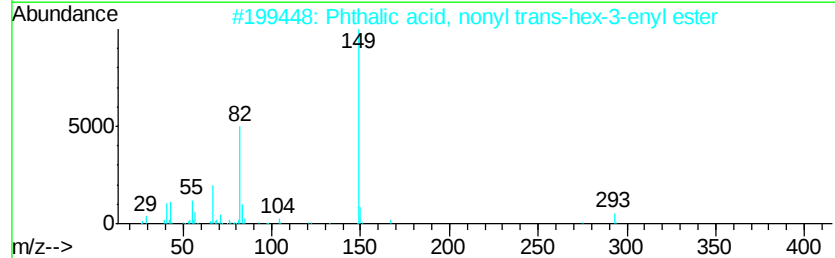
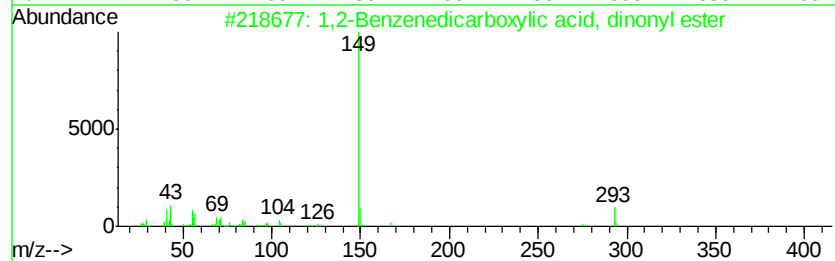
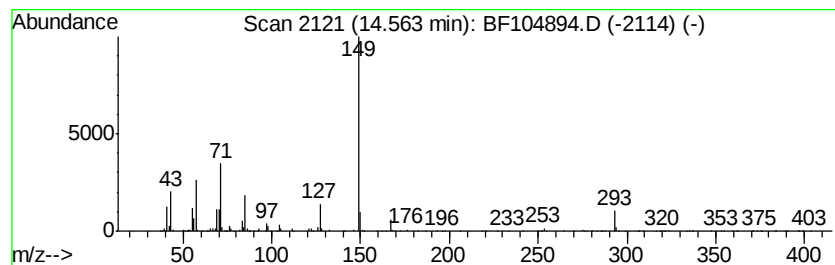
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	90.30 ng	2813990	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	53
2		Phthalic acid, nonyl trans-hex-3...	374	C23H34O4	1000360-48-7	50
3		Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	50
4		Phthalic acid, hex-3-yl undecyl ...	404	C25H40O4	1000356-96-2	50
5		Phthalic acid, 1-cyclopentylethy...	388	C24H36O4	1000309-73-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042718\
 Data File : BF104894.D
 Acq On : 27 Apr 2018 21:05
 Operator : JU/SJ
 Sample : J2522-01
 Misc :
 ALS Vial : 16 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
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1,3-Pentenediol, ...	7.80	36.9	ng	911500	2	8.09	494290	20.0
Phthalic acid, 4,...	13.31	46.0	ng	1431900	5	14.00	623270	20.0
Phthalic acid, is...	13.36	39.5	ng	1232160	5	14.00	623270	20.0
Benzyl butyl phth...	13.41	201.5	ng	6278470	5	14.00	623270	20.0
Phthalic acid, he...	13.46	94.8	ng	2955560	5	14.00	623270	20.0
Phthalic acid, is...	13.49	74.5	ng	2322520	5	14.00	623270	20.0
Phthalic acid, 2,...	13.56	71.6	ng	2232120	5	14.00	623270	20.0
Phthalic acid, he...	13.59	50.9	ng	1587370	5	14.00	623270	20.0
Diisoheptyl phtha...	13.61	106.5	ng	3317270	5	14.00	623270	20.0
Phthalic acid, he...	13.66	152.9	ng	4764520	5	14.00	623270	20.0
Phthalic acid, di...	13.69	210.1	ng	6547480	5	14.00	623270	20.0
1,2-Benzenedicarb...	13.73	187.7	ng	5848130	5	14.00	623270	20.0
3,6,9,12-Tetraoxa...	13.80	67.0	ng	2087600	5	14.00	623270	20.0
1,2-Benzenedicarb...	14.56	90.3	ng	2813990	5	14.00	623270	20.0