

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102313.D
 Acq On : 22 Jan 2018 21:37
 Operator : SJ/JU
 Sample : J1238-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-0-2.0

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-BF012218.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	4.916	475	481	489	rBV	158848	236346	7.14%	0.713%
2	5.328	546	551	554	rBV	3037013	3089701	93.36%	9.324%
3	6.363	721	727	744	rBV	2845963	3309393	100.00%	9.987%
4	6.486	744	748	751	rBV	3265718	3171915	95.85%	9.572%
5	6.716	783	787	795	rBV	965770	773788	23.38%	2.335%
6	6.869	809	813	817	rBV	2481714	2439965	73.73%	7.363%
7	7.286	878	884	887	rBV	1933952	1960612	59.24%	5.917%
8	7.998	1001	1005	1008	rBV	1271772	1024230	30.95%	3.091%
9	9.075	1183	1188	1191	rBV	3410667	3016297	91.14%	9.103%
10	9.151	1198	1201	1203	rBV	51450	37091	1.12%	0.112%
11	9.469	1251	1255	1263	rVB	484566	417327	12.61%	1.259%
12	9.610	1276	1279	1283	rBV	87229	74301	2.25%	0.224%
13	9.680	1288	1291	1295	rVV	145023	114804	3.47%	0.346%
14	9.751	1299	1303	1306	rVV	1226807	1039002	31.40%	3.136%
15	9.780	1306	1308	1313	rVB	55497	50660	1.53%	0.153%
16	9.910	1325	1330	1333	rBV4	24033	33298	1.01%	0.100%
17	9.957	1333	1338	1342	rVV4	28856	46577	1.41%	0.141%
18	10.180	1373	1376	1379	rVB	157737	114188	3.45%	0.345%
19	10.298	1392	1396	1401	rVB	39592	46934	1.42%	0.142%
20	10.404	1408	1414	1416	rBV3	39621	61026	1.84%	0.184%
21	10.539	1430	1437	1441	rBV	1734163	1692592	51.15%	5.108%
22	10.651	1453	1456	1461	rBV	119145	134684	4.07%	0.406%
23	11.098	1529	1532	1535	rBV	39749	34365	1.04%	0.104%
24	11.233	1552	1555	1557	rBV	982389	847384	25.61%	2.557%
25	11.257	1557	1559	1562	rVV	480684	407606	12.32%	1.230%
26	11.310	1566	1568	1571	rVB	135825	103887	3.14%	0.314%
27	11.469	1593	1595	1600	rVB	37928	36702	1.11%	0.111%
28	11.733	1635	1640	1643	rBV	75870	81809	2.47%	0.247%
29	11.763	1643	1645	1649	rVV	119565	112783	3.41%	0.340%
30	11.810	1650	1653	1656	rVV2	50506	53887	1.63%	0.163%
31	11.845	1656	1659	1661	rVV	131114	138945	4.20%	0.419%
32	11.868	1661	1663	1667	rVB	68988	57615	1.74%	0.174%
33	12.033	1688	1691	1693	rBV	48743	43753	1.32%	0.132%
34	12.057	1693	1695	1698	rVB	46340	36475	1.10%	0.110%

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Instrument :
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SB-08-0-2.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.280	1730	1733	1737	rBV	56523	73348	2.22%	0.221%
36	12.374	1745	1749	1753	rBV3	63455	79008	2.39%	0.238%
37	12.445	1757	1761	1765	rVV	763983	627902	18.97%	1.895%
38	12.539	1774	1777	1780	rVB	42213	38736	1.17%	0.117%
39	12.674	1794	1800	1803	rBV	733092	701571	21.20%	2.117%
40	12.821	1821	1825	1828	rBV	2161546	1913806	57.83%	5.776%
41	12.892	1832	1837	1841	rBV2	58081	105889	3.20%	0.320%
42	12.980	1849	1852	1853	rBV2	53129	50948	1.54%	0.154%
43	13.004	1853	1856	1859	rVB2	90441	92951	2.81%	0.281%
44	13.068	1865	1867	1870	rVB2	65772	55531	1.68%	0.168%
45	13.104	1870	1873	1876	rBV	85476	95761	2.89%	0.289%
46	13.198	1887	1889	1891	rVB	58444	39150	1.18%	0.118%
47	13.227	1892	1894	1897	rBV	57365	56793	1.72%	0.171%
48	13.510	1939	1942	1947	rVB	74257	78865	2.38%	0.238%
49	13.621	1958	1961	1963	rBV2	59797	59024	1.78%	0.178%
50	13.651	1963	1966	1968	rVV	52631	44301	1.34%	0.134%
51	13.715	1974	1977	1981	rVB2	501388	467668	14.13%	1.411%
52	13.874	1997	2004	2006	rBV3	943802	1474246	44.55%	4.449%
53	13.898	2006	2008	2011	rVB	341972	257971	7.80%	0.779%
54	14.351	2081	2085	2088	rBV2	151855	186726	5.64%	0.564%
55	14.892	2173	2177	2180	rBV	315245	435805	13.17%	1.315%
56	14.962	2186	2189	2191	rBV	137594	146085	4.41%	0.441%
57	14.986	2191	2193	2197	rVB2	131838	148845	4.50%	0.449%
58	15.180	2223	2226	2232	rVB	159562	203241	6.14%	0.613%
59	15.239	2233	2236	2240	rVB	252971	269480	8.14%	0.813%
60	15.298	2242	2246	2249	rBV	486396	593000	17.92%	1.790%

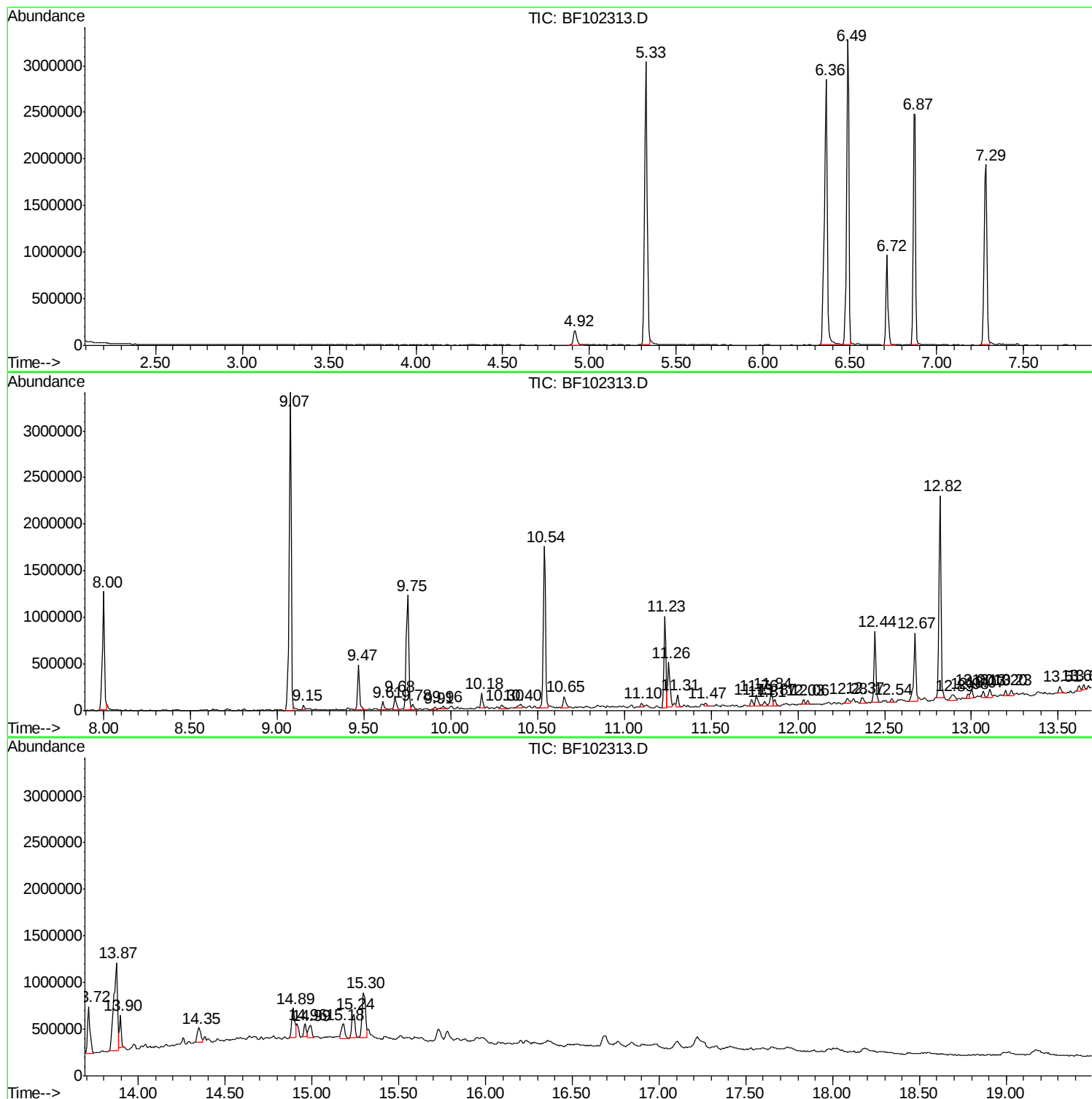
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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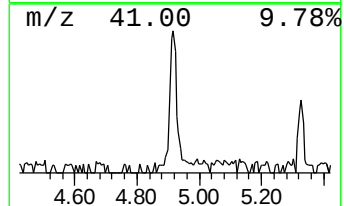
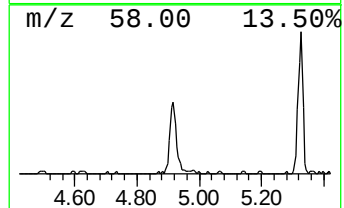
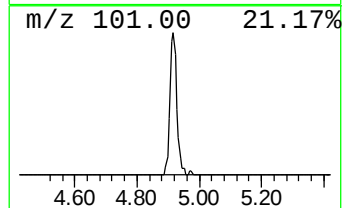
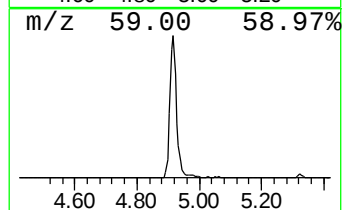
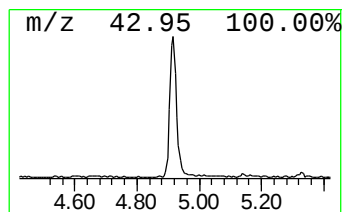
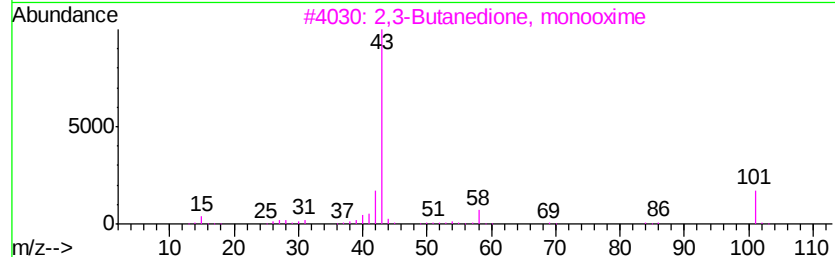
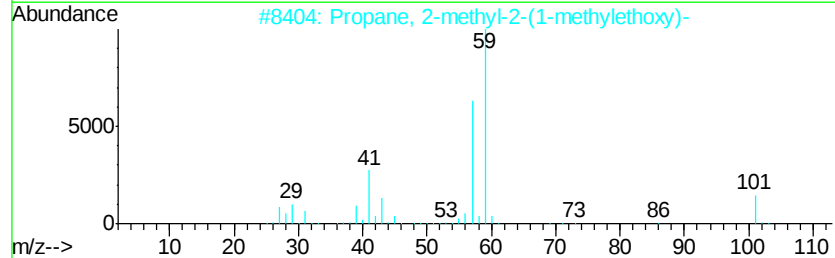
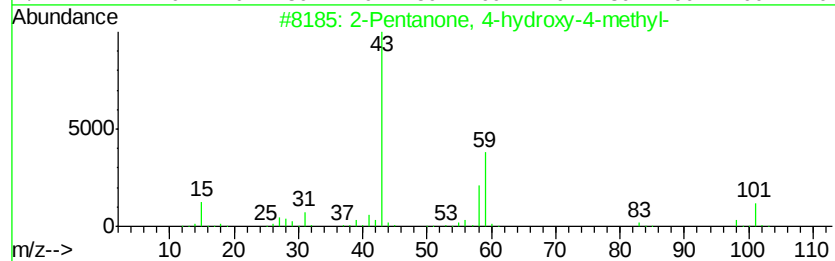
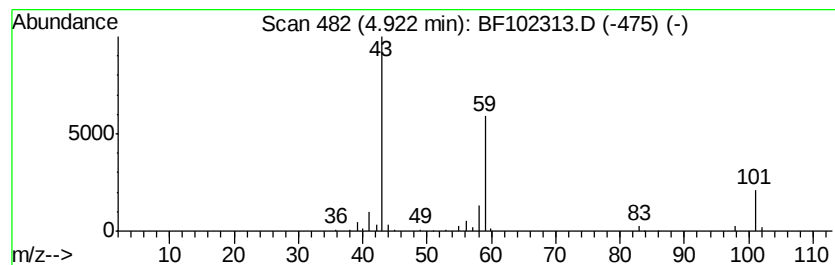
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.11 ng	236346	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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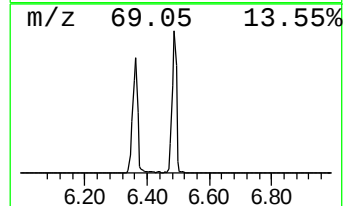
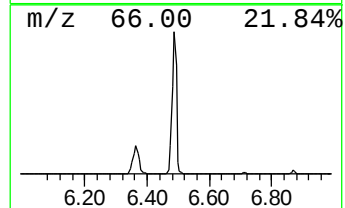
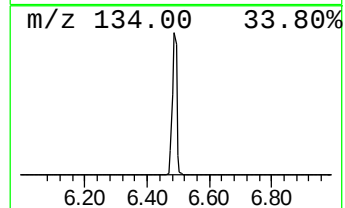
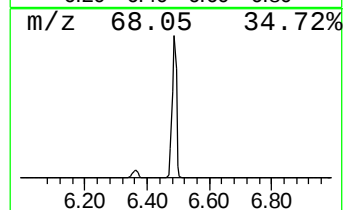
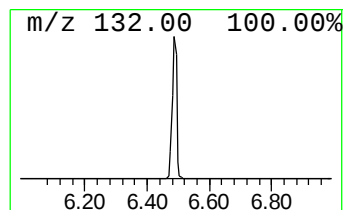
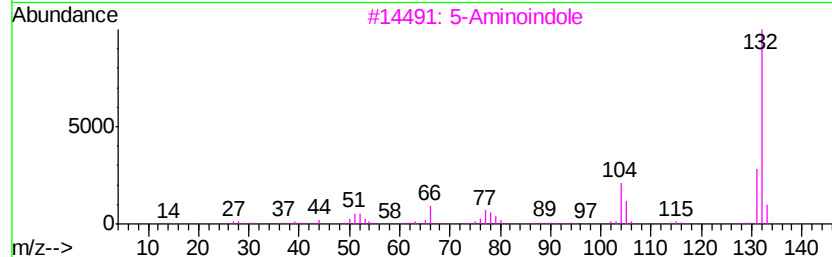
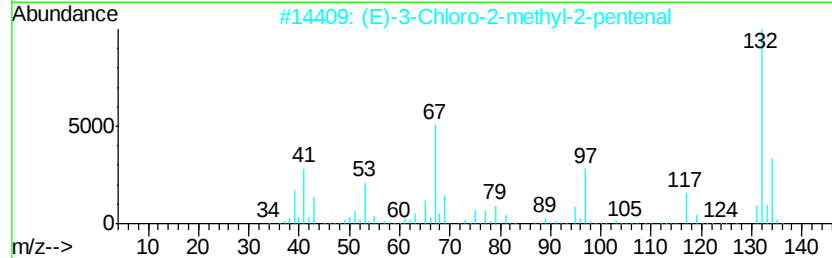
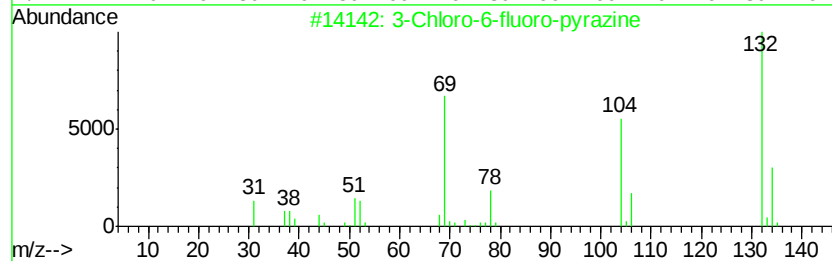
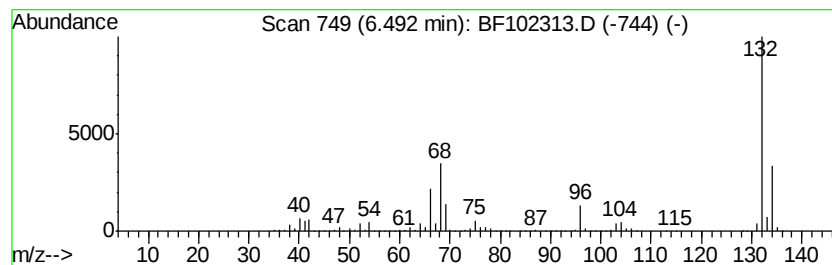
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	81.98 ng	3171920	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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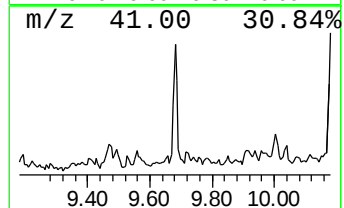
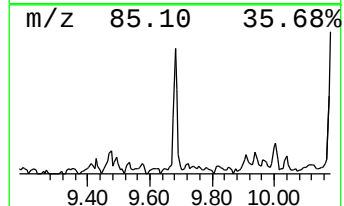
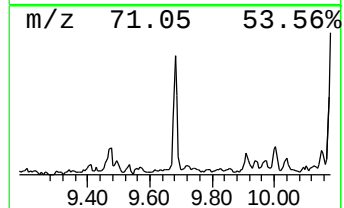
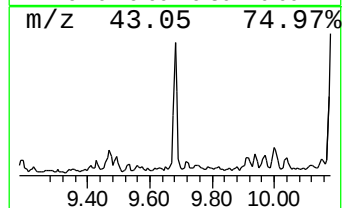
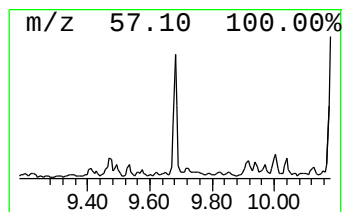
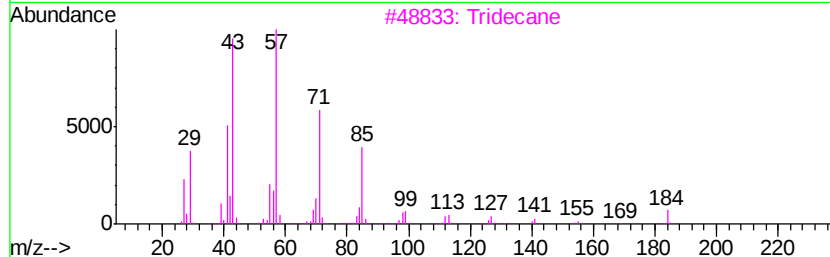
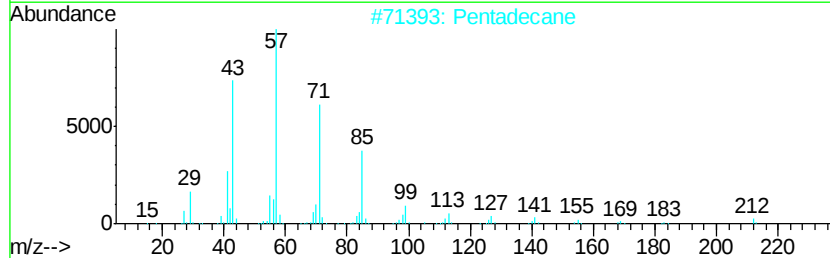
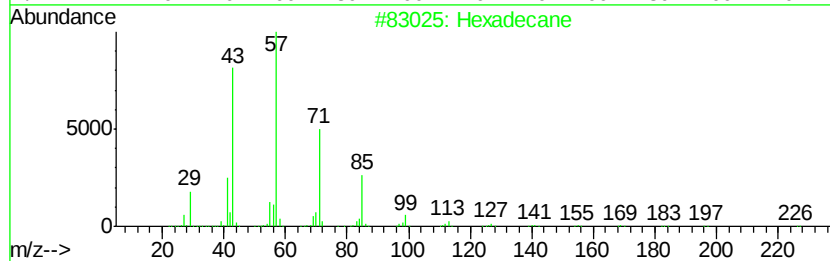
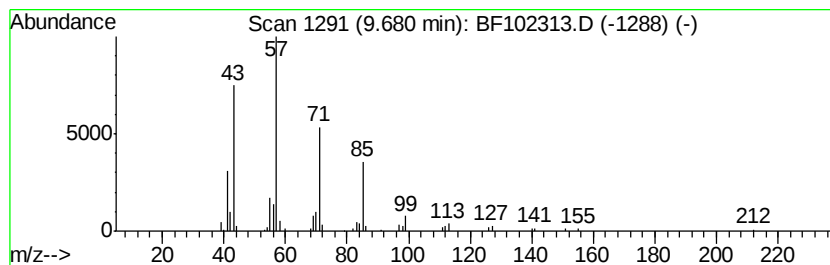
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.21 ng	114804	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Tridecane, 7-propyl-		226	C16H34	055045-09-5	86
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	80



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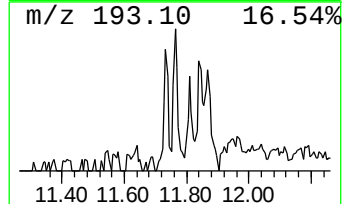
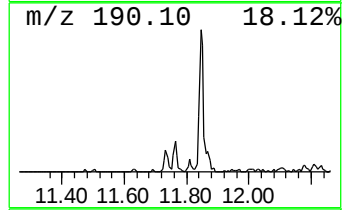
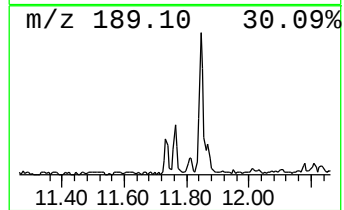
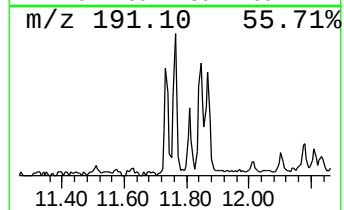
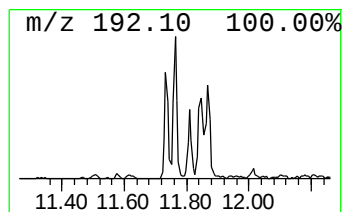
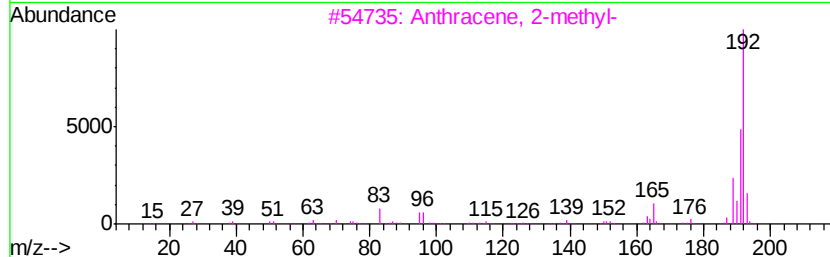
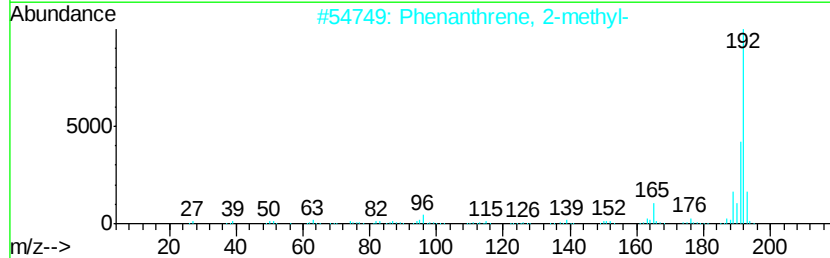
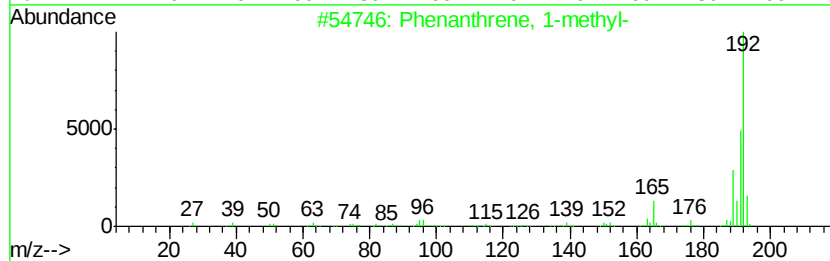
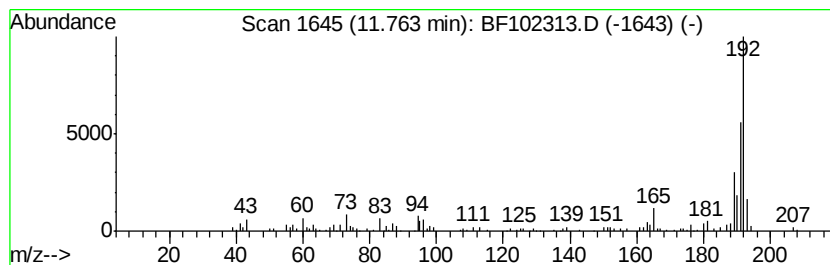
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.66 ng	112783	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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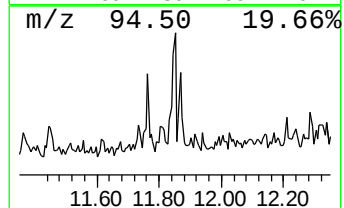
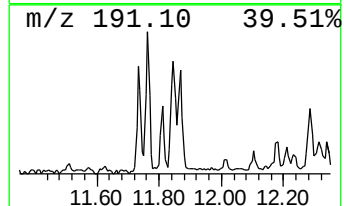
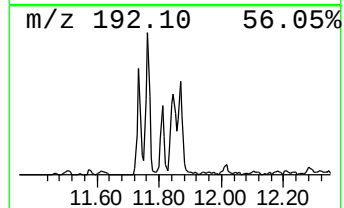
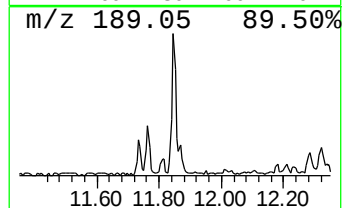
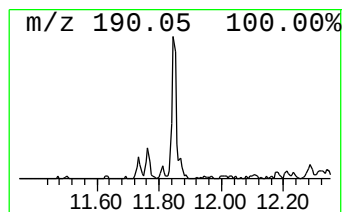
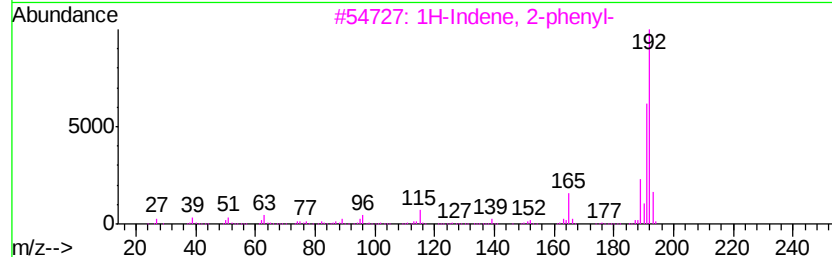
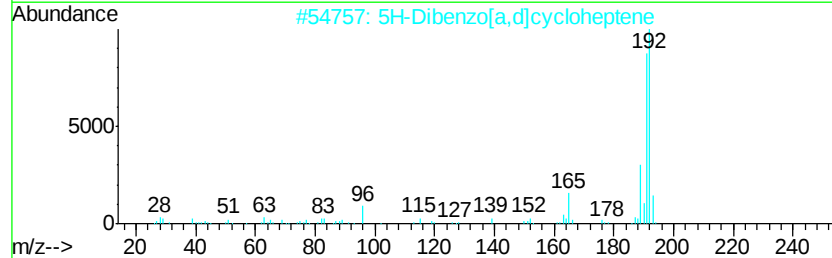
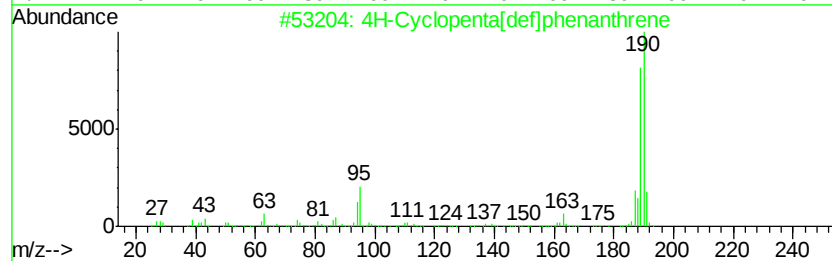
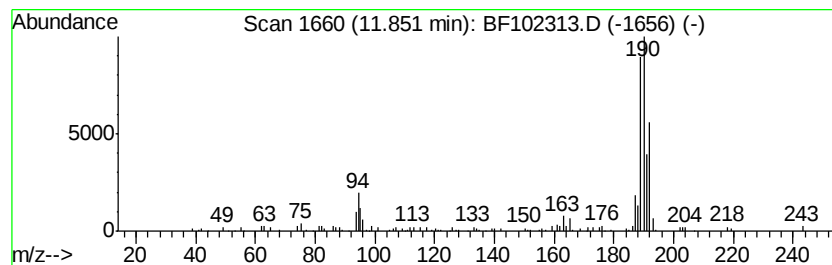
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.28 ng	138945	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
Data File : BF102313.D
Acq On : 22 Jan 2018 21:37
Operator : SJ/JU
Sample : J1238-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

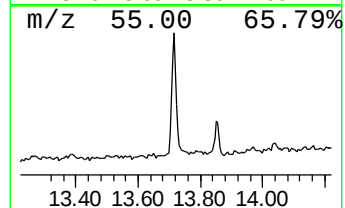
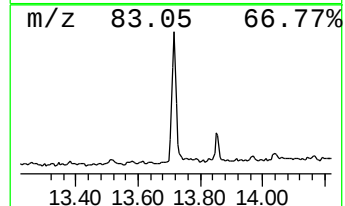
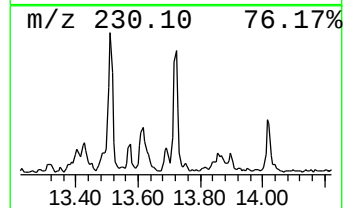
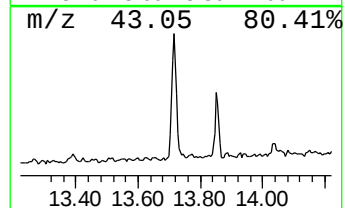
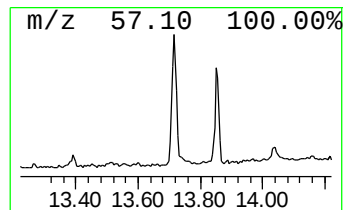
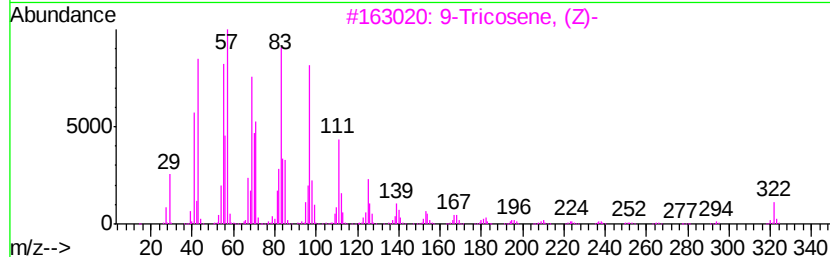
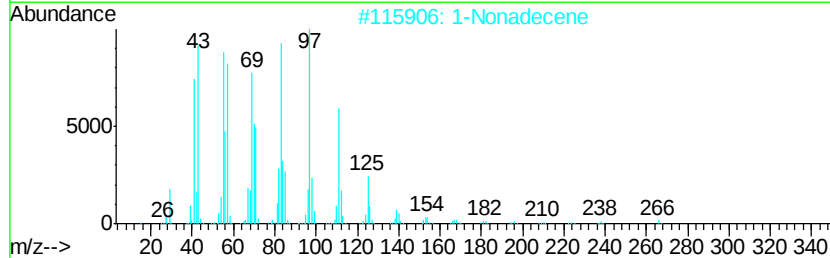
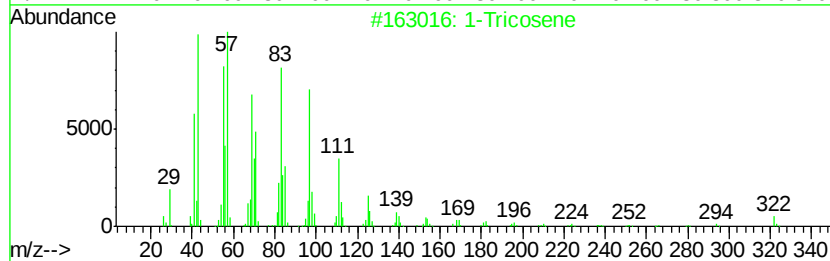
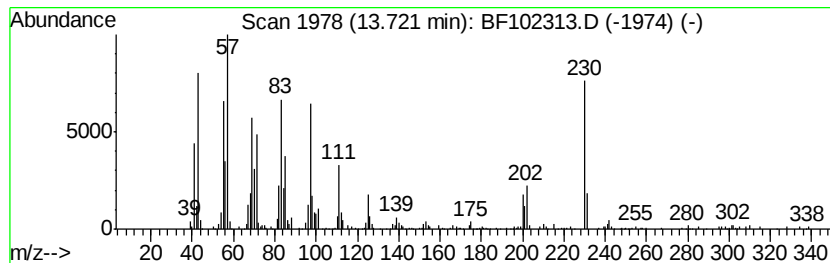
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.72	6.34 ng	467668	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
Data File : BF102313.D
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Sample : J1238-04
Misc :
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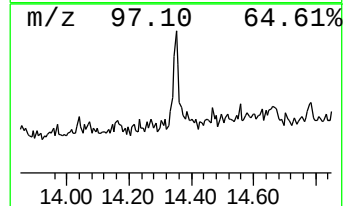
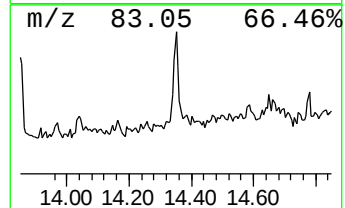
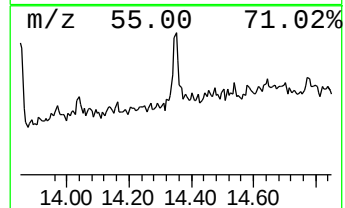
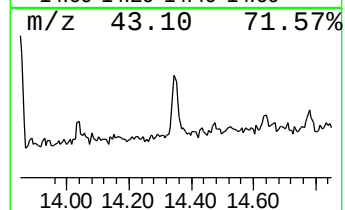
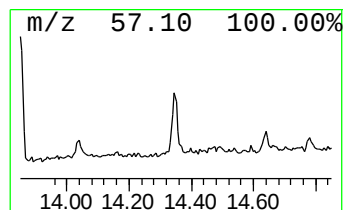
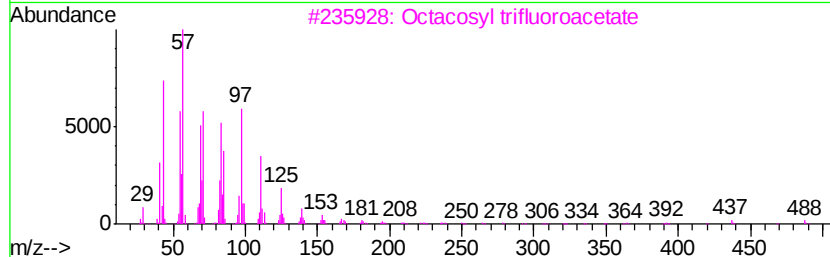
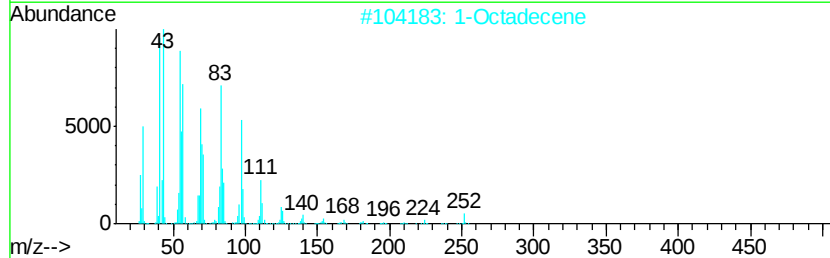
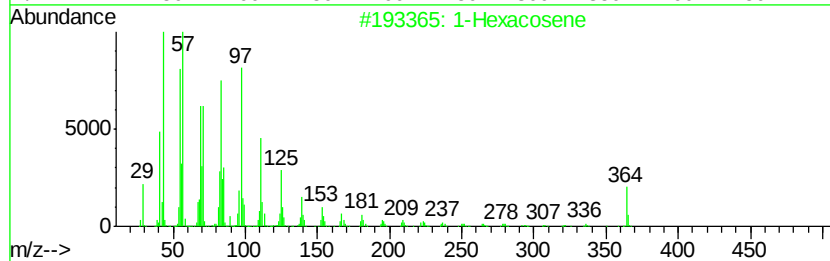
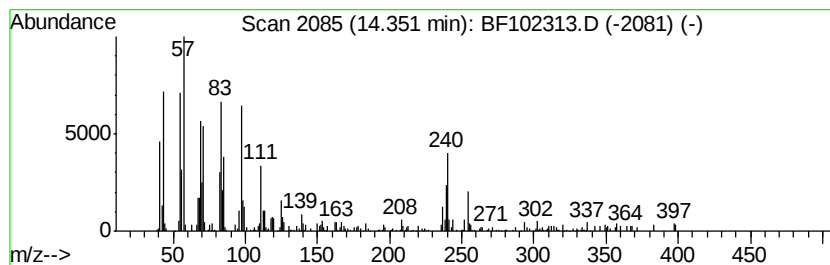
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Hexacosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.			
14.35	2.53 ng	186726	Chrysene-d12	13.87			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	97
2	1-Octadecene			252	C18H36	000112-88-9	93
3	Octacosyl trifluoroacetate			506	C30H57F3O2	1000351-74-9	64
4	Nonadecyl pentafluoropropionate			430	C22H39F5O2	1000351-88-8	64
5	Docosyl pentafluoropropionate			472	C25H45F5O2	1000351-80-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102313.D
Acq On : 22 Jan 2018 21:37
Operator : SJ/JU
Sample : J1238-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

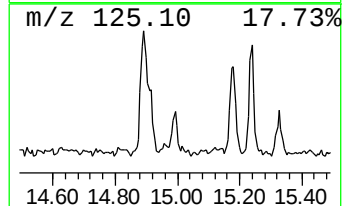
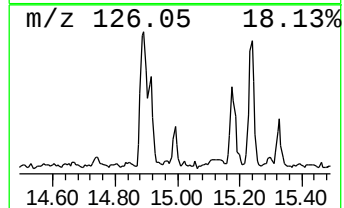
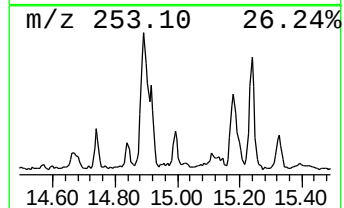
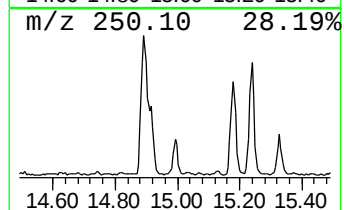
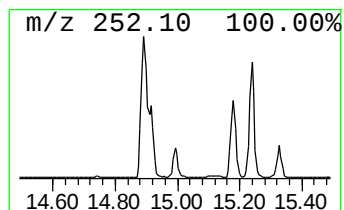
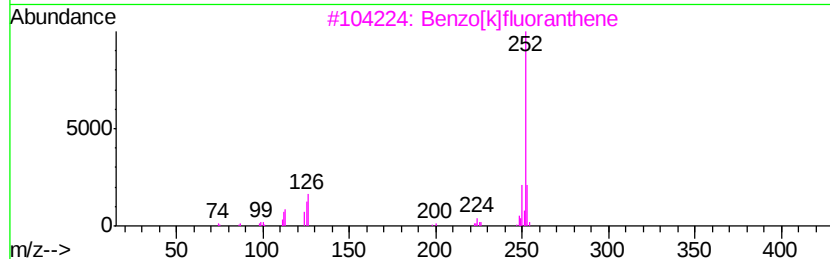
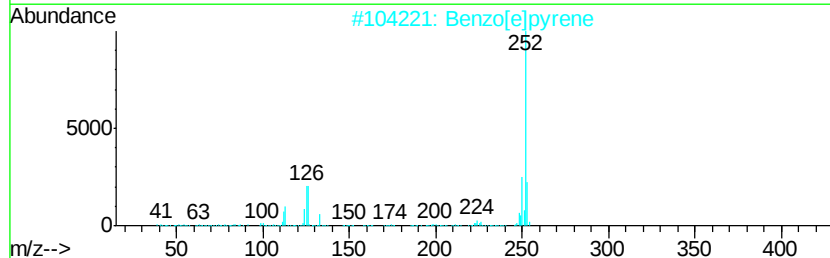
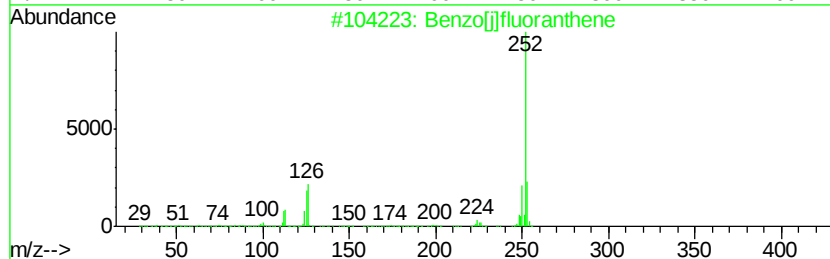
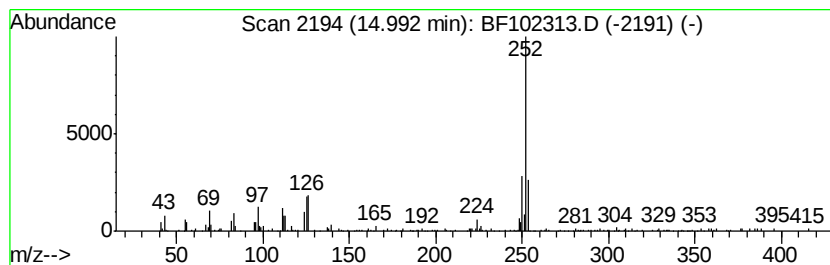
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.02 ng	148845	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[i]fluoranthene	252	C20H12	000205-82-3	92
2		Benzo[e]pyrene	252	C20H12	000192-97-2	91
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4		Benzo[a]pyrene	252	C20H12	000050-32-8	78
5		Perylene	252	C20H12	000198-55-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102313.D
Acq On : 22 Jan 2018 21:37
Operator : SJ/JU
Sample : J1238-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

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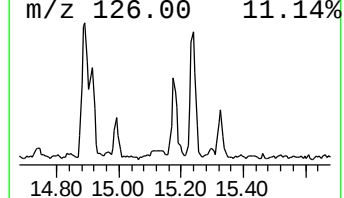
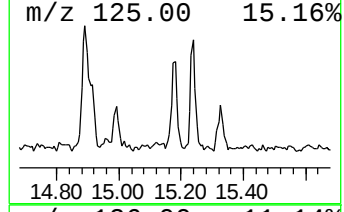
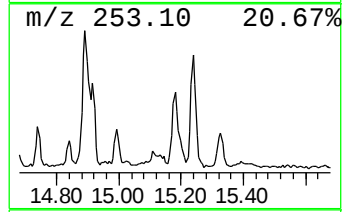
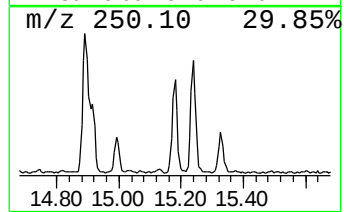
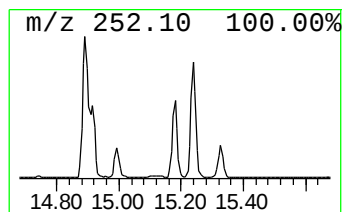
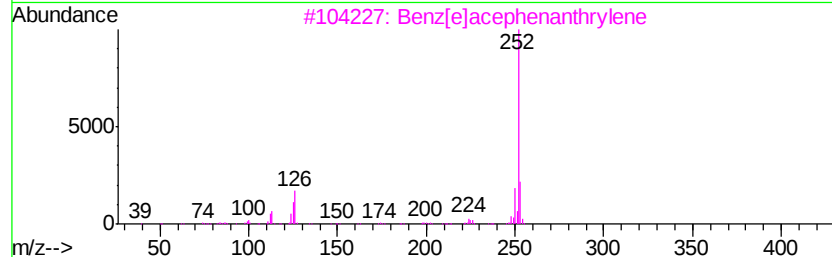
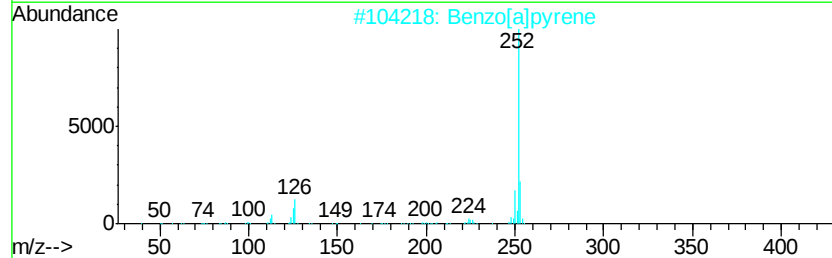
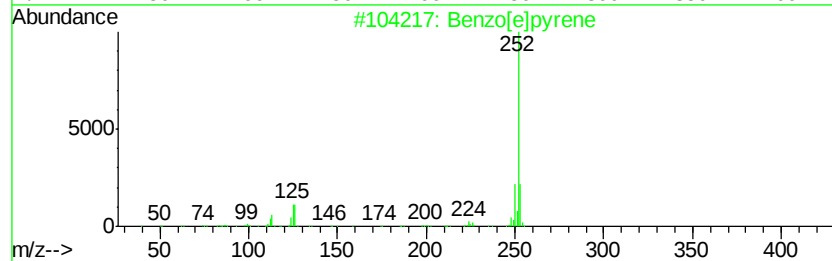
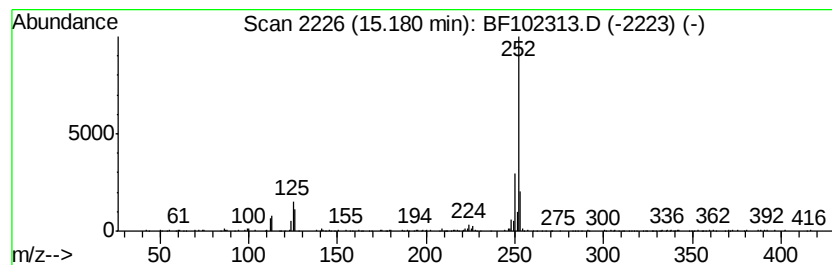
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.85 ng	203241	Perylene-d12	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[a]pyrene	252	C20H12	000050-32-8	91
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012218\
Data File : BF102313.D
Acq On : 22 Jan 2018 21:37
Operator : SJ/JU
Sample : J1238-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
2-Pentanone, 4-hy...	4.92	6.1 ng		236346	1	6.72	773788	20.0
unknown6.49	6.49	82.0 ng		3171920	1	6.72	773788	20.0
Hexadecane	9.68	2.2 ng		114804	3	9.75	1039000	20.0
Phenanthrene, 1-m...	11.76	2.7 ng		112783	4	11.23	847384	20.0
4H-Cyclopenta[def...	11.85	3.3 ng		138945	4	11.23	847384	20.0
1-Tricosene	13.72	6.3 ng		467668	5	13.87	1474250	20.0
1-Hexacosene	14.35	2.5 ng		186726	5	13.87	1474250	20.0
Benzo[j]fluoranthene	14.99	5.0 ng		148845	6	15.30	593000	20.0
Benzo[e]pyrene	15.18	6.8 ng		203241	6	15.30	593000	20.0