

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104940.D
 Acq On : 30 Apr 2018 18:34
 Operator : JU/SJ
 Sample : J2613-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-A

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	491	496	513	rBV	78883	112716	4.28%	0.465%
2	5.410	560	565	568	rBV	2383899	2325313	88.21%	9.600%
3	6.434	734	739	756	rBV	2061881	2449610	92.93%	10.113%
4	6.563	756	761	764	rBV	2650541	2469615	93.69%	10.196%
5	6.787	796	799	803	rBV	815672	712059	27.01%	2.940%
6	6.945	822	826	829	rBV	2222136	1934320	73.38%	7.986%
7	7.357	891	896	899	rBV	1451183	1497185	56.80%	6.181%
8	8.075	1014	1018	1038	rVB	1086899	985216	37.38%	4.068%
9	9.151	1196	1201	1204	rBV	3083674	2635976	100.00%	10.883%
10	9.545	1264	1268	1275	rVB	281930	245048	9.30%	1.012%
11	9.751	1300	1303	1307	rBV	78111	60145	2.28%	0.248%
12	9.828	1312	1316	1320	rBV	1059308	1033417	39.20%	4.267%
13	10.251	1385	1388	1391	rVB2	113320	86513	3.28%	0.357%
14	10.469	1419	1425	1428	rBV2	28899	34028	1.29%	0.140%
15	10.622	1447	1451	1460	rBV	1540967	1533929	58.19%	6.333%
16	10.722	1466	1468	1477	rVB	88844	96465	3.66%	0.398%
17	11.174	1541	1545	1547	rBV	50105	41791	1.59%	0.173%
18	11.322	1566	1570	1572	rBV	1091655	931931	35.35%	3.848%
19	11.345	1572	1574	1580	rVV	205577	179479	6.81%	0.741%
20	11.398	1580	1583	1586	rVV	48172	41667	1.58%	0.172%
21	11.822	1652	1655	1657	rBV	46480	41709	1.58%	0.172%
22	11.851	1657	1660	1666	rVB2	65886	77065	2.92%	0.318%
23	11.933	1671	1674	1677	rBV	61392	69840	2.65%	0.288%
24	12.374	1743	1749	1751	rBV	31371	36551	1.39%	0.151%
25	12.533	1773	1776	1780	rBV	183938	175160	6.64%	0.723%
26	12.769	1810	1816	1819	rBV	191637	219316	8.32%	0.905%
27	12.910	1835	1840	1843	rBV	2226042	2020383	76.65%	8.341%
28	13.098	1864	1872	1875	rBV2	41169	69022	2.62%	0.285%
29	13.163	1880	1883	1886	rBV	29447	29887	1.13%	0.123%
30	13.198	1886	1889	1896	rVB3	22607	34404	1.31%	0.142%
31	13.321	1908	1910	1916	rBV3	19753	30190	1.15%	0.125%
32	13.792	1987	1990	2001	rVB	259843	271404	10.30%	1.121%
33	13.968	2015	2020	2023	rBV	778898	770705	29.24%	3.182%
34	13.992	2023	2024	2029	rVB	83540	58845	2.23%	0.243%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

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

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

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

35	14.433	2095	2099	2103	rBV5	41676	70988	2.69%	0.293%
36	15.010	2194	2197	2202	rBV	42044	76581	2.91%	0.316%
37	15.315	2246	2249	2254	rBV	25029	30602	1.16%	0.126%
38	15.374	2256	2259	2263	rVV2	46610	59599	2.26%	0.246%
39	15.439	2265	2270	2280	rVB	476389	639911	24.28%	2.642%
40	15.915	2348	2351	2356	rVB6	25255	32774	1.24%	0.135%

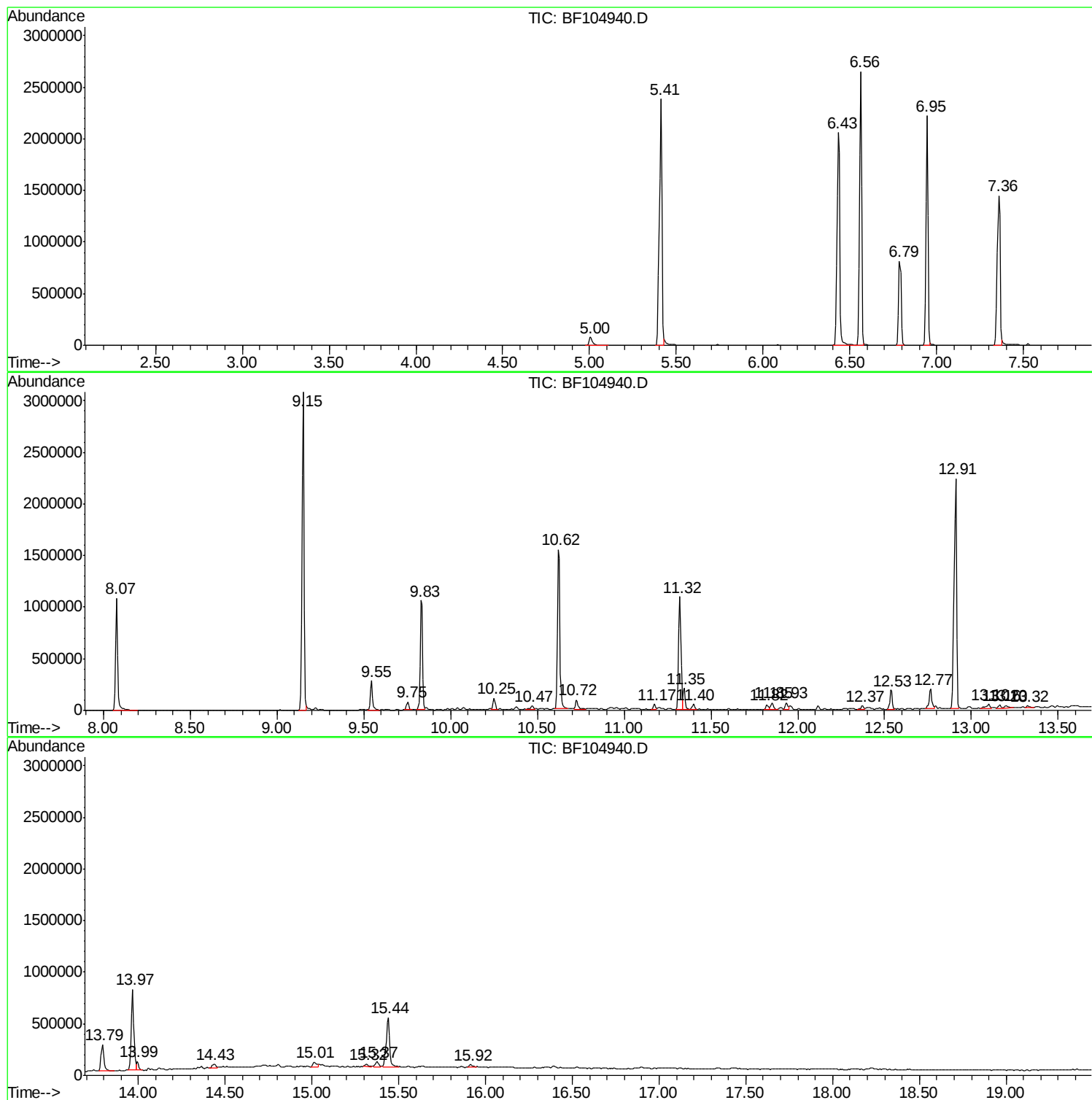
Sum of corrected areas: 24221359

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

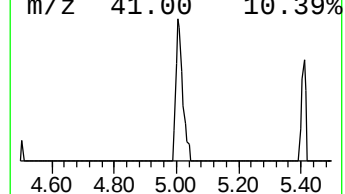
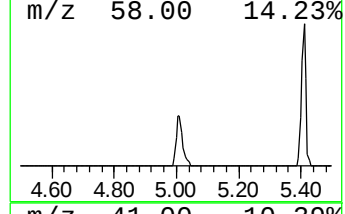
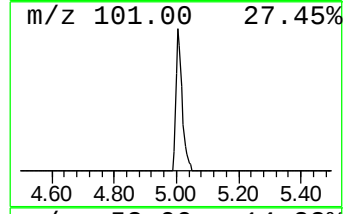
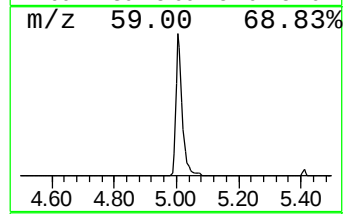
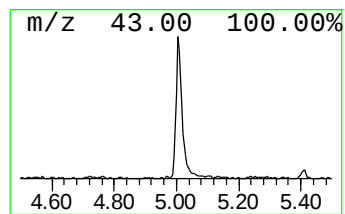
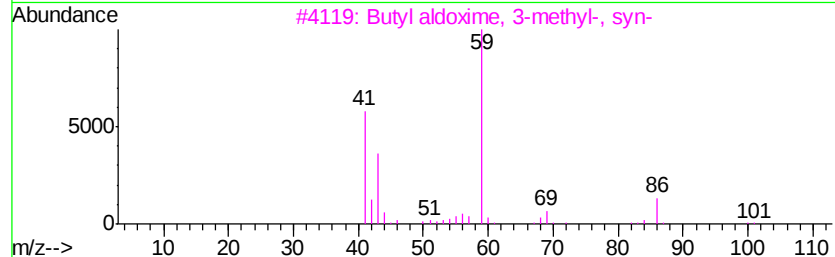
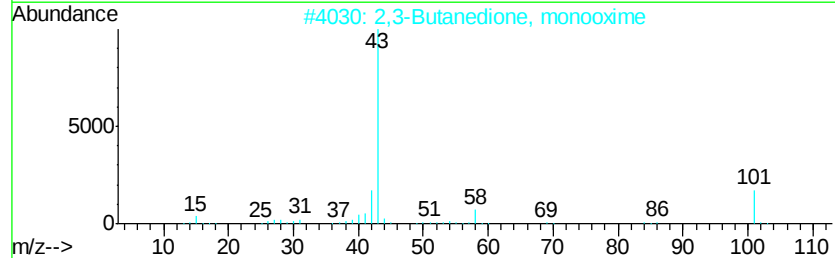
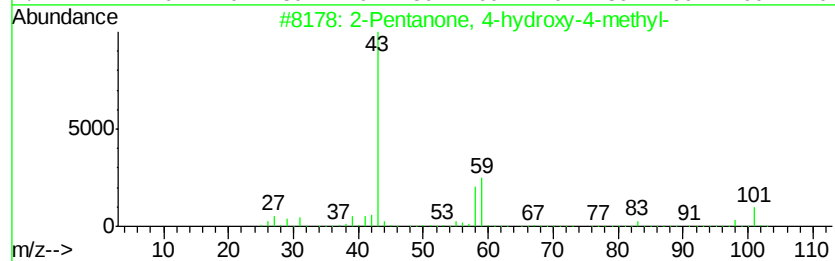
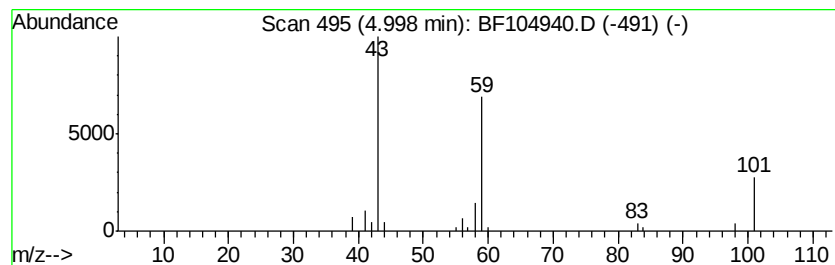
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.17 ng	112716	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

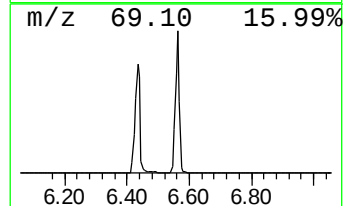
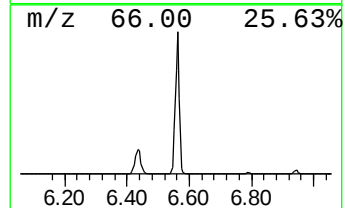
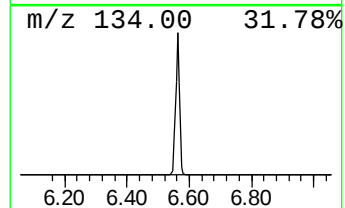
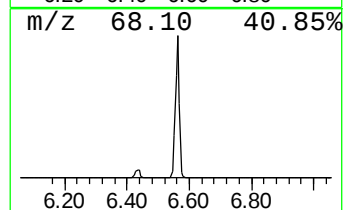
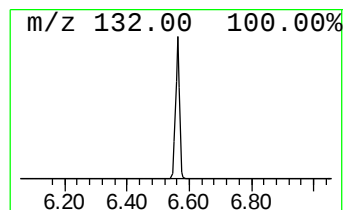
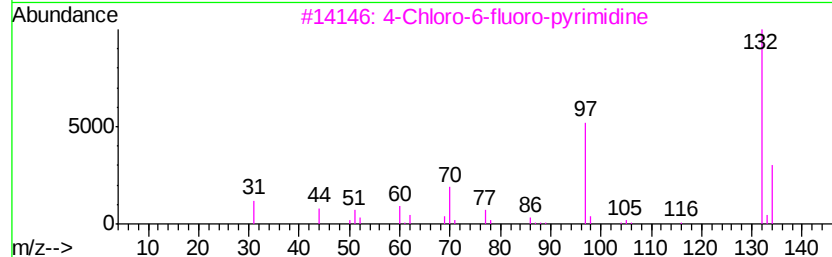
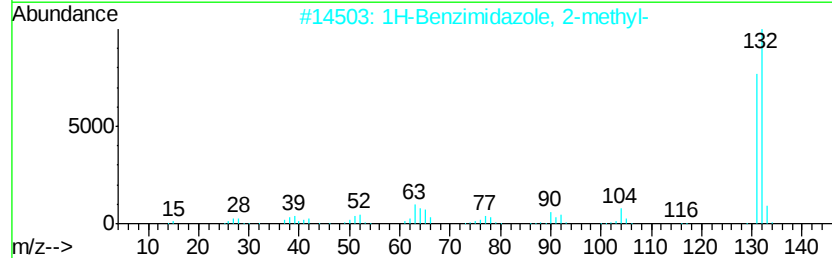
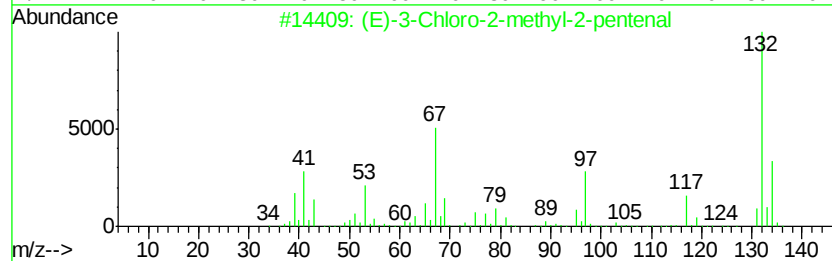
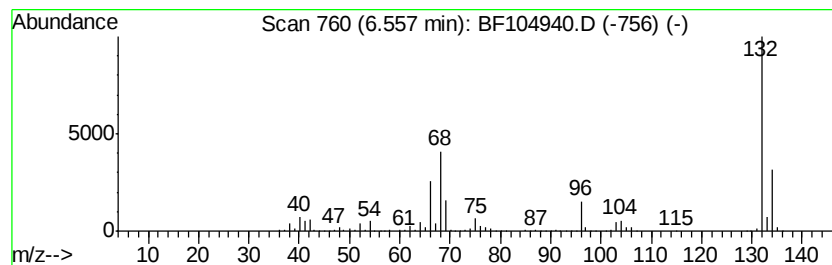
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	69.37 ng	2469620	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

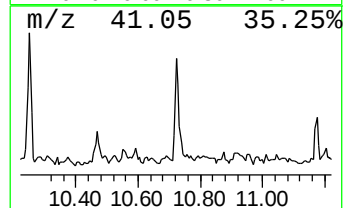
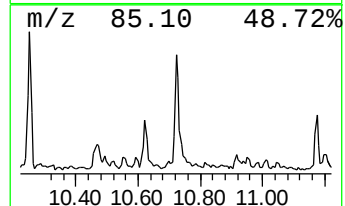
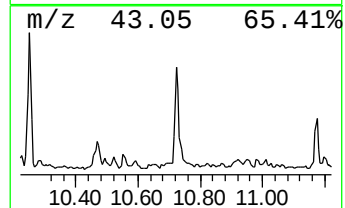
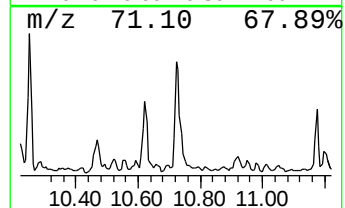
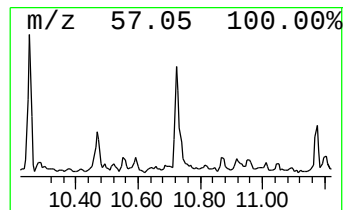
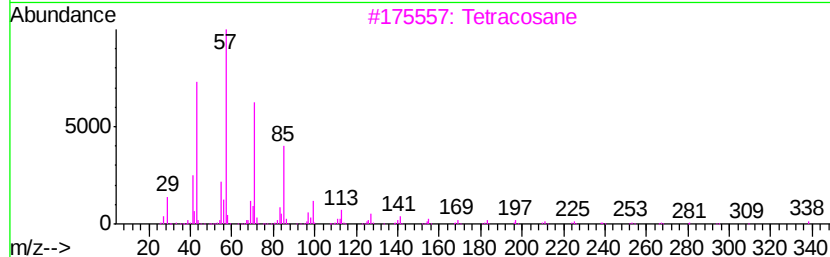
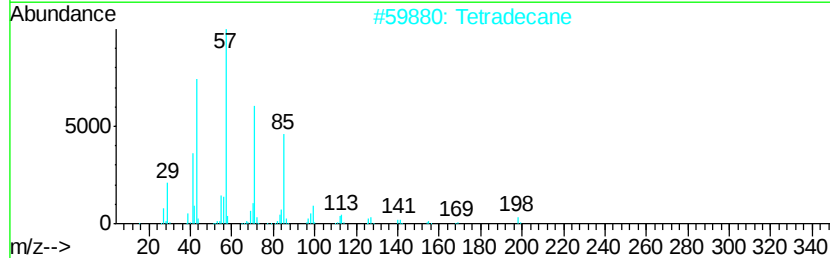
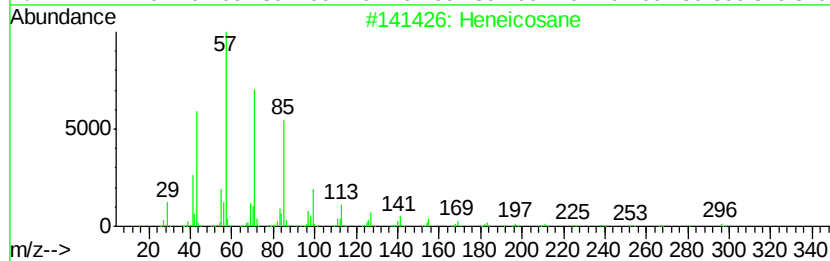
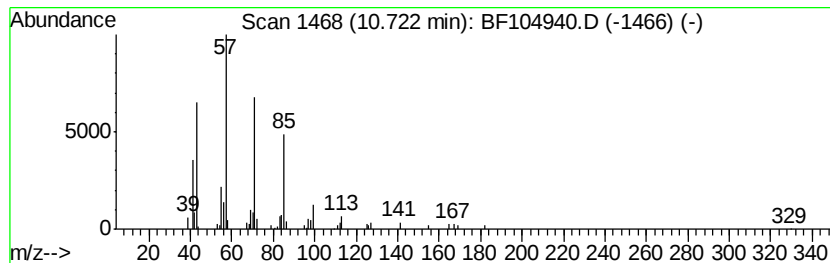
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.07 ng	96465	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetradecane		198	C14H30	000629-59-4	87
3	Tetracosane		338	C24H50	000646-31-1	87
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Heptadecane		240	C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

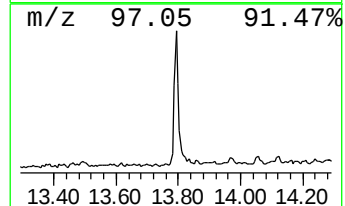
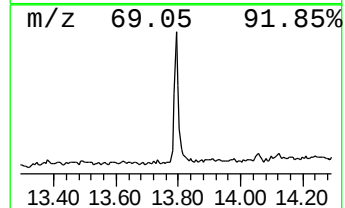
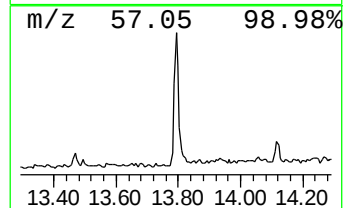
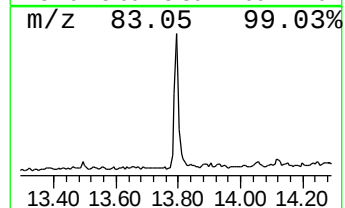
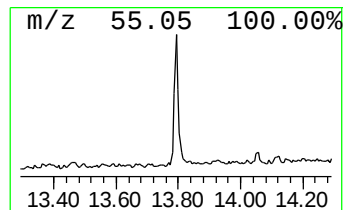
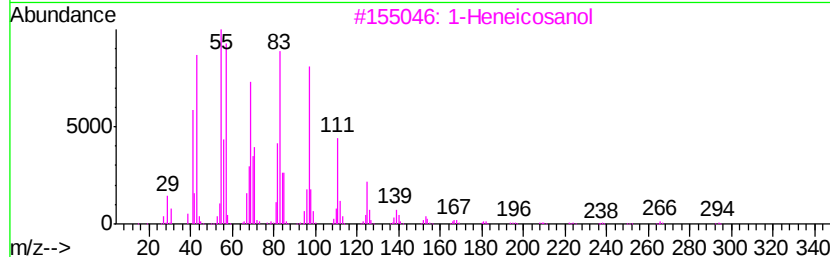
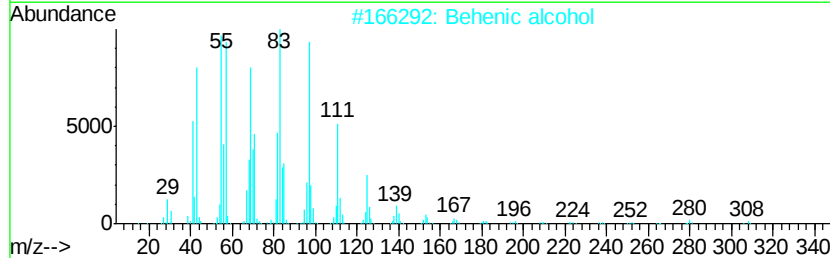
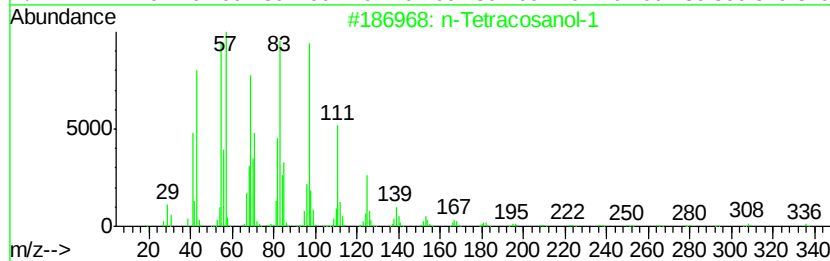
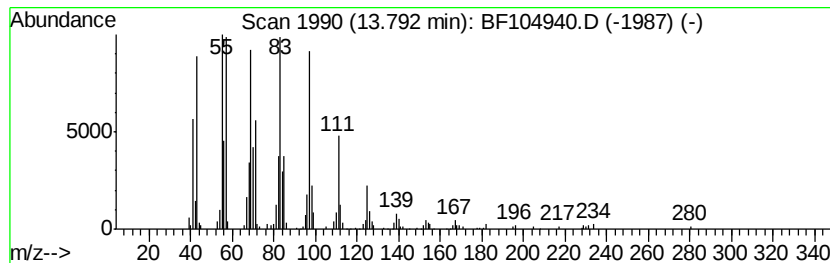
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.04 ng	271404	Chrysene-d12	13.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

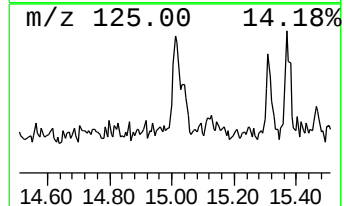
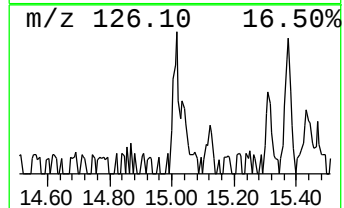
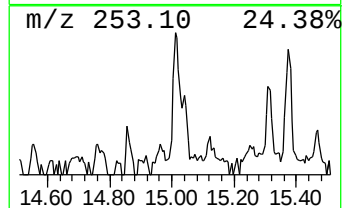
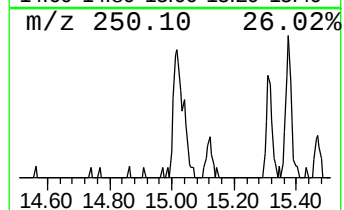
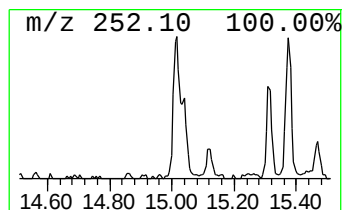
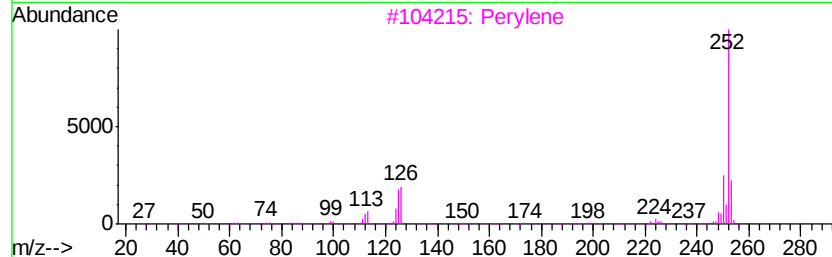
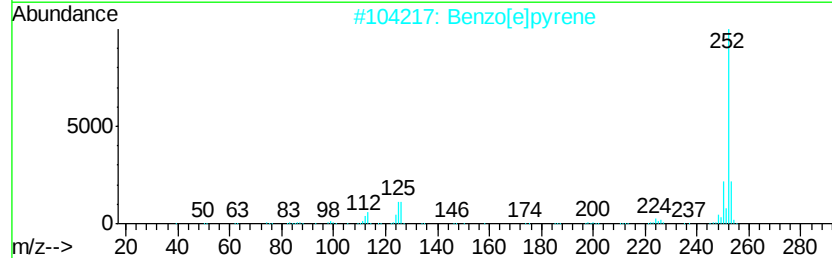
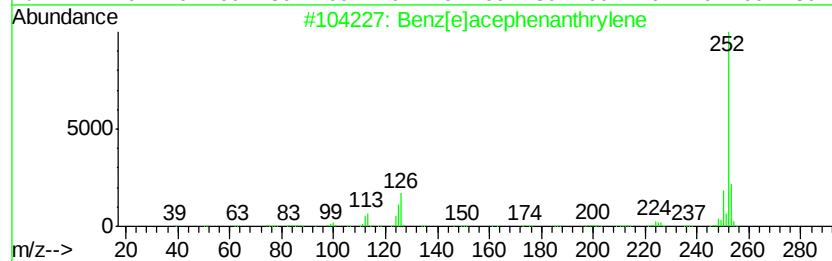
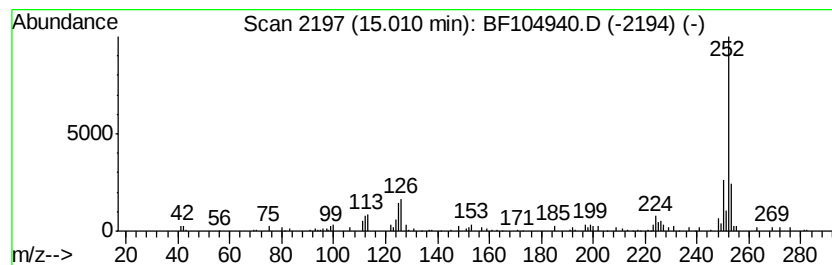
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benz[e]acephenanthrylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.39 ng	76581	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043018\
Data File : BF104940.D
Acq On : 30 Apr 2018 18:34
Operator : JU/SJ
Sample : J2613-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-A

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
2-Pentanone, 4-hy...	5.00	3.2	ng	112716	1	6.79	712059	20.0
unknown6.56	6.56	69.4	ng	2469620	1	6.79	712059	20.0
Heneicosane	10.72	2.1	ng	96465	4	11.32	931931	20.0
n-Tetracosanol-1	13.79	7.0	ng	271404	5	13.97	770705	20.0
Benz[e]acephenant...	15.01	2.4	ng	76581	6	15.44	639911	20.0