

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110506.D
 Acq On : 6 Nov 2018 11:10
 Operator : JU/SJ
 Sample : J5813-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	2.293	30	35	44	rVB	363009	498329	20.54%	2.164%
2	5.204	525	530	539	rBV	64767	93233	3.84%	0.405%
3	5.581	589	594	597	rBV	2251171	2116145	87.22%	9.188%
4	6.581	759	764	778	rBV	2051693	2426236	100.00%	10.534%
5	6.728	784	789	792	rBV	2344392	2333426	96.17%	10.131%
6	6.951	824	827	833	rBV	740083	622793	25.67%	2.704%
7	7.110	850	854	857	rBV	2047412	1787364	73.67%	7.760%
8	7.522	918	924	938	rBV	1340460	1488045	61.33%	6.461%
9	8.234	1041	1045	1066	rBV	695686	823043	33.92%	3.574%
10	9.310	1222	1228	1231	rBV	2807363	2408386	99.26%	10.457%
11	9.704	1291	1295	1305	rVB	232586	244704	10.09%	1.062%
12	9.992	1340	1344	1358	rVB	808159	825159	34.01%	3.583%
13	10.786	1475	1479	1492	rBV	1217424	1194038	49.21%	5.184%
14	11.486	1594	1598	1606	rBV	696419	717100	29.56%	3.114%
15	11.986	1675	1683	1694	rBV2	148484	221339	9.12%	0.961%
16	12.704	1800	1805	1813	rBV	90712	100436	4.14%	0.436%
17	12.774	1813	1817	1823	rBV	59219	78989	3.26%	0.343%
18	12.933	1838	1844	1850	rVB	67377	94533	3.90%	0.410%
19	13.069	1862	1867	1870	rBV	1588226	1431852	59.02%	6.217%
20	13.945	2012	2016	2021	rBV	157641	195535	8.06%	0.849%
21	14.133	2044	2048	2057	rVB	556214	644837	26.58%	2.800%
22	14.263	2066	2070	2074	rVB	100050	106577	4.39%	0.463%
23	14.563	2117	2121	2127	rBV	248139	266700	10.99%	1.158%
24	14.880	2171	2175	2180	rVB	374287	386087	15.91%	1.676%
25	15.233	2228	2235	2239	rBV	462913	550397	22.69%	2.390%
26	15.627	2298	2302	2305	rBV	343081	475424	19.60%	2.064%
27	15.657	2305	2307	2313	rVB2	273893	358403	14.77%	1.556%
28	16.086	2375	2380	2387	rVB	240959	361700	14.91%	1.570%
29	16.615	2465	2470	2476	rVB2	102000	180859	7.45%	0.785%

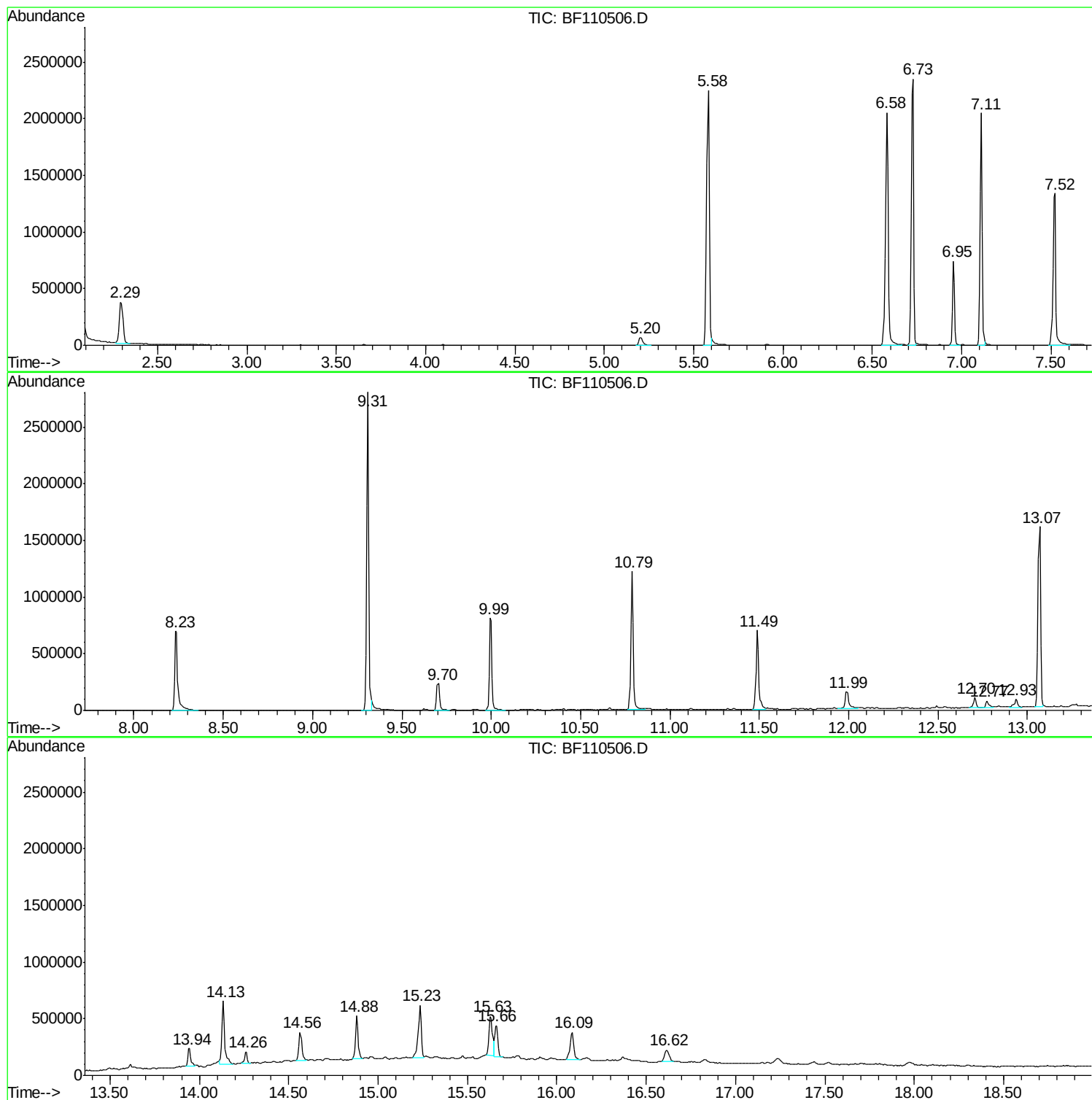
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Instrument :
BNA_F
ClientSampled :
TS-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.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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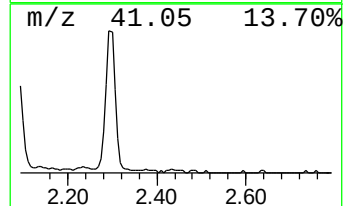
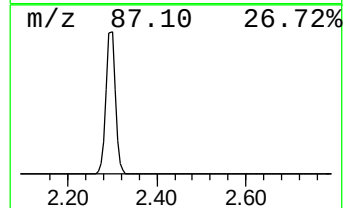
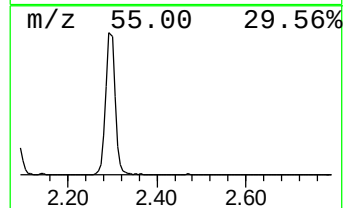
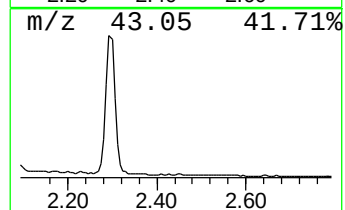
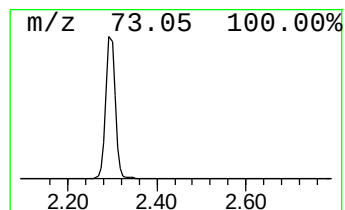
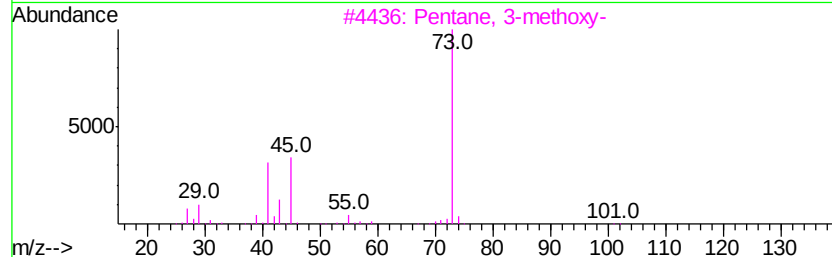
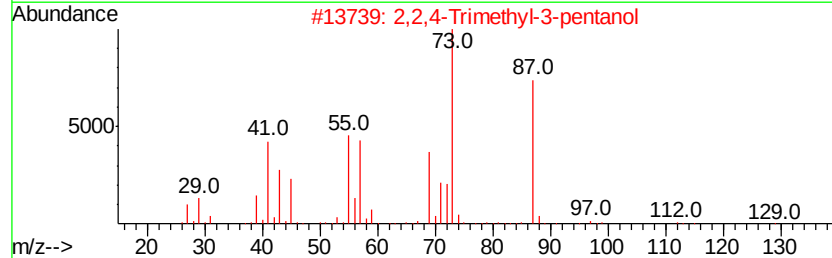
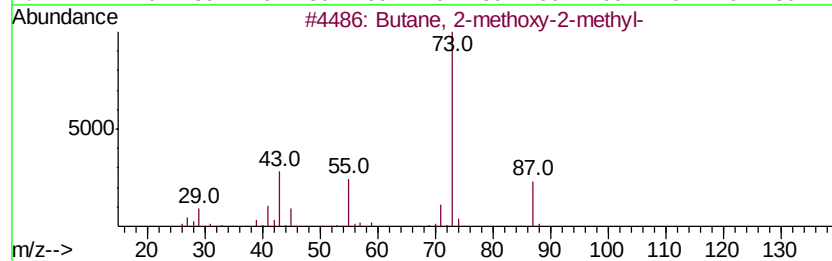
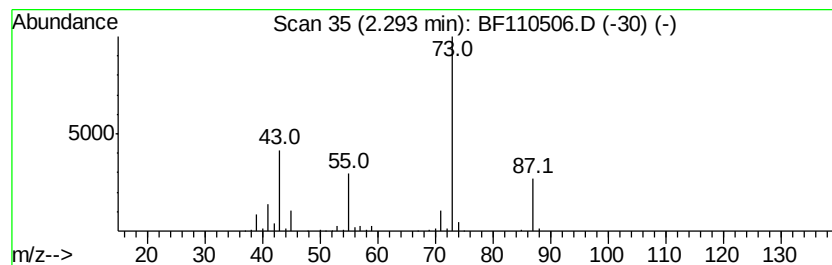
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	16.00 ng	498329	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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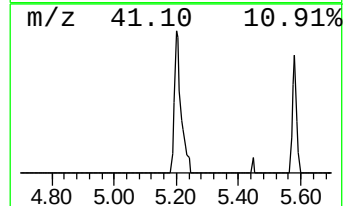
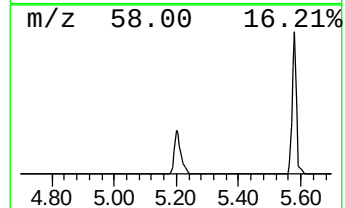
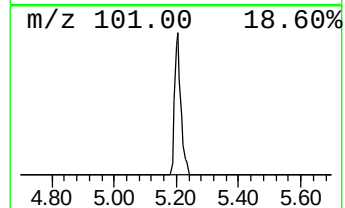
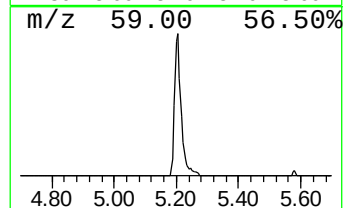
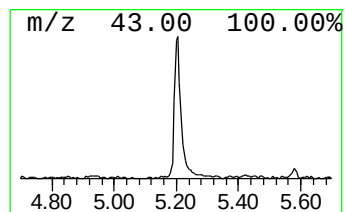
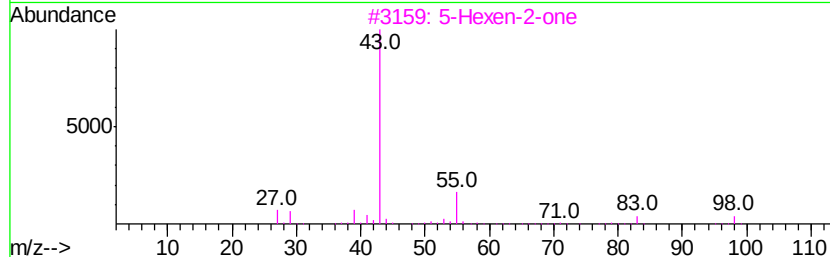
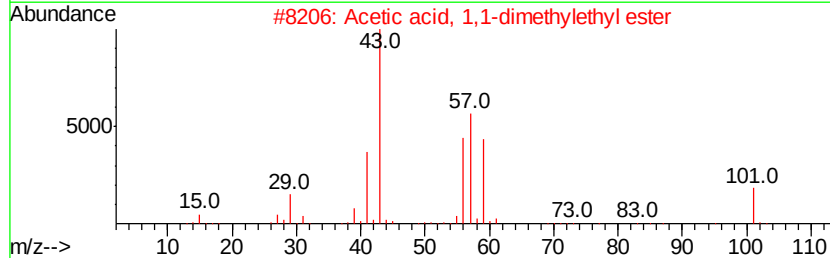
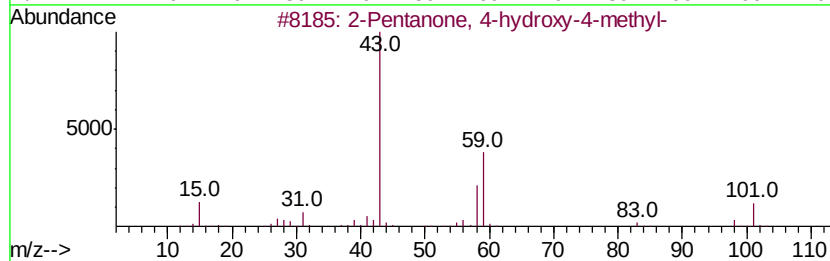
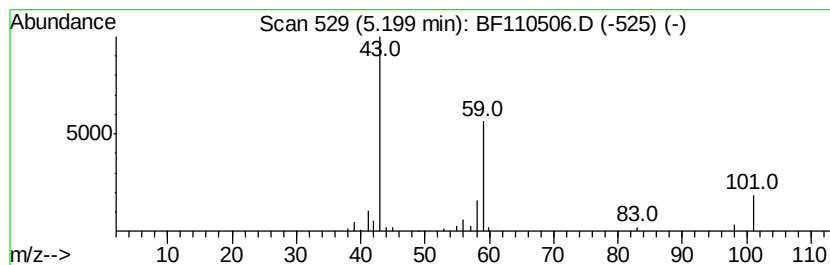
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.99 ng	93233	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5			Guanidine	59	CH5N3	000113-00-8	9



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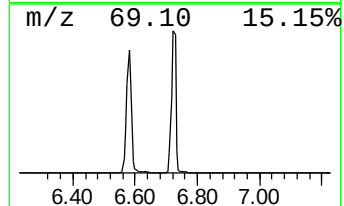
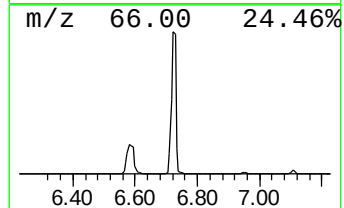
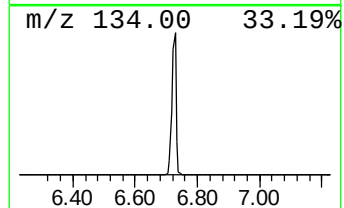
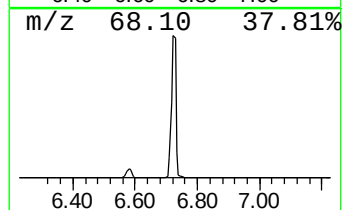
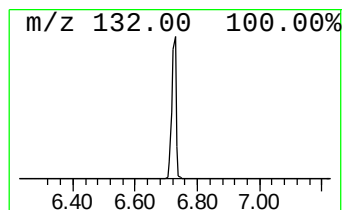
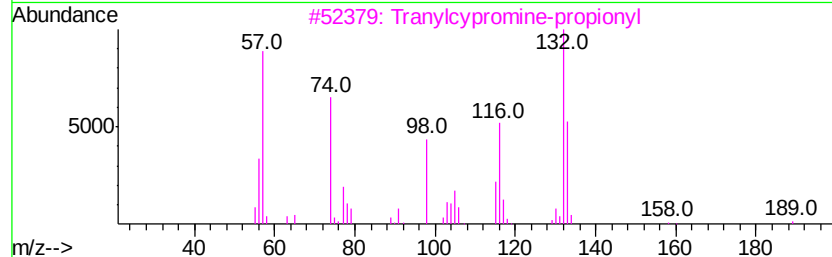
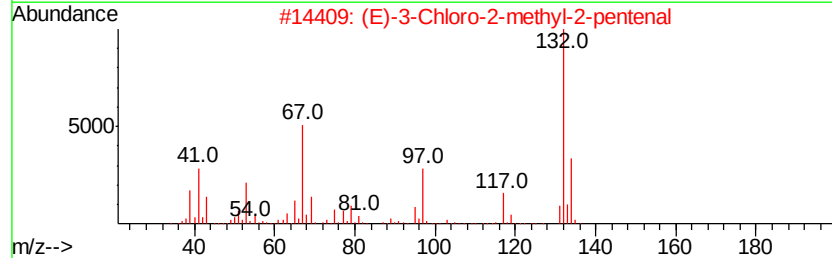
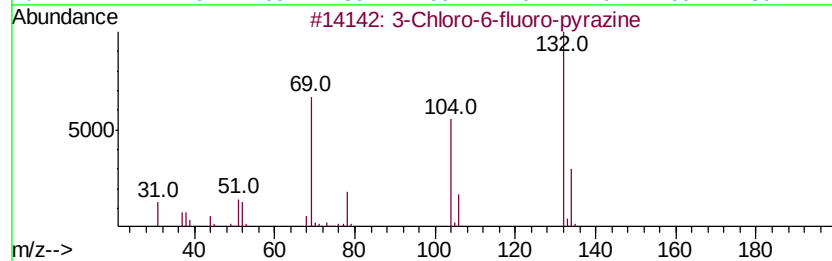
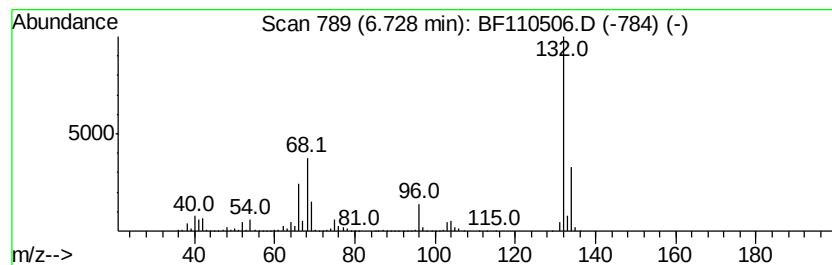
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Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	74.93 ng	2333430	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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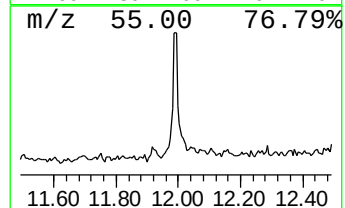
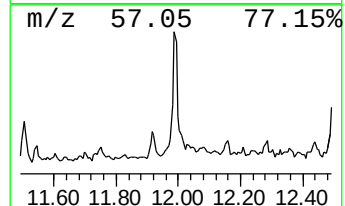
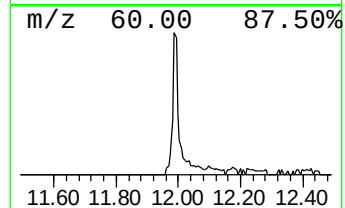
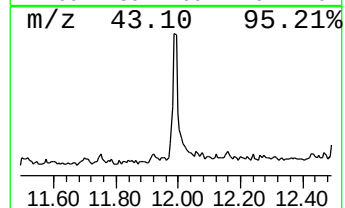
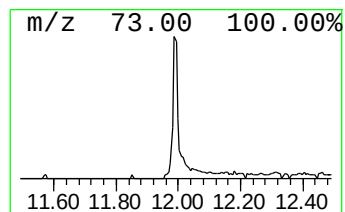
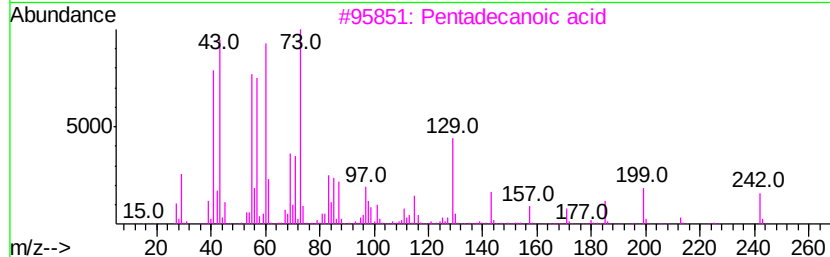
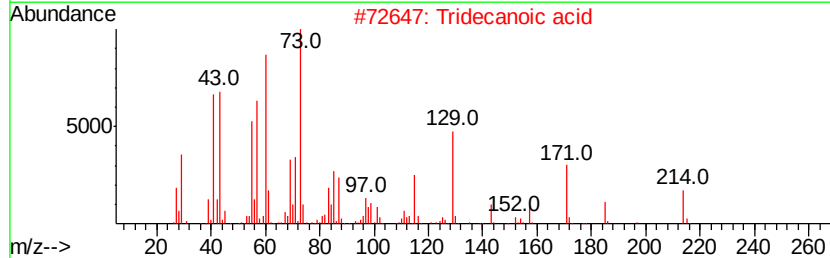
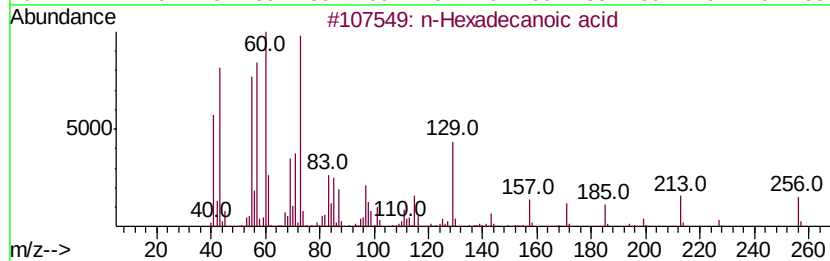
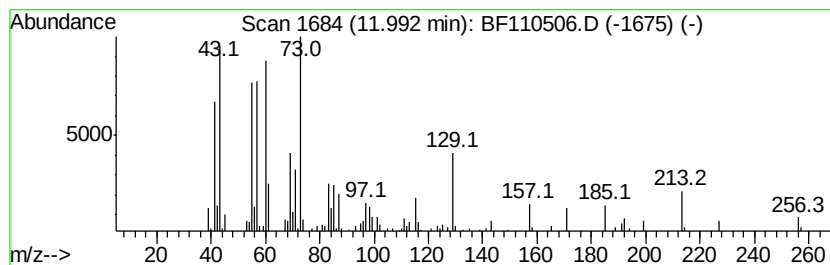
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.17 ng	221339	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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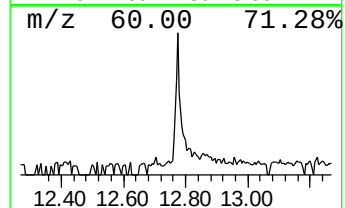
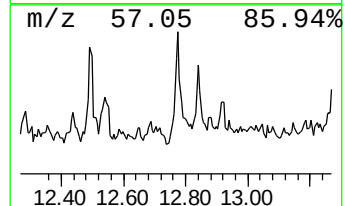
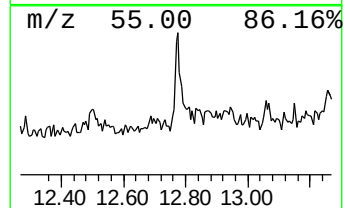
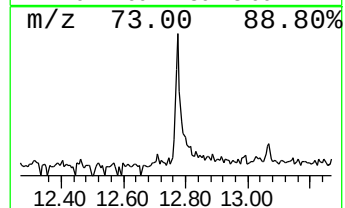
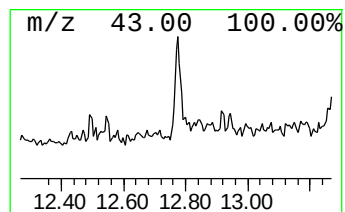
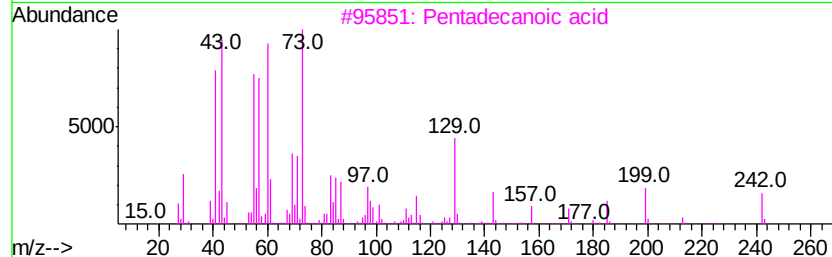
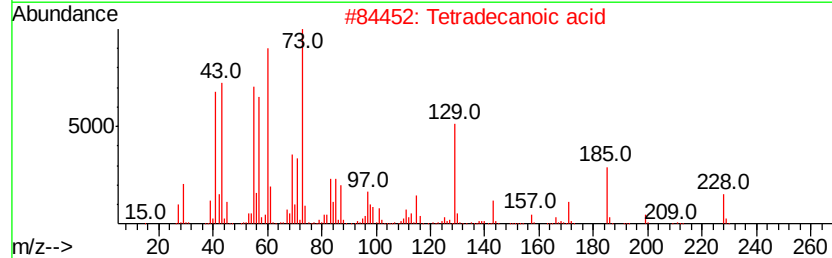
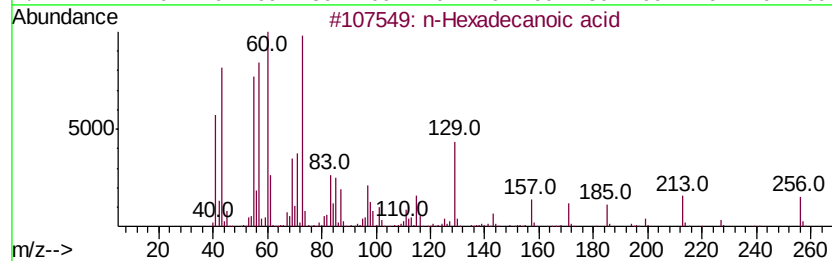
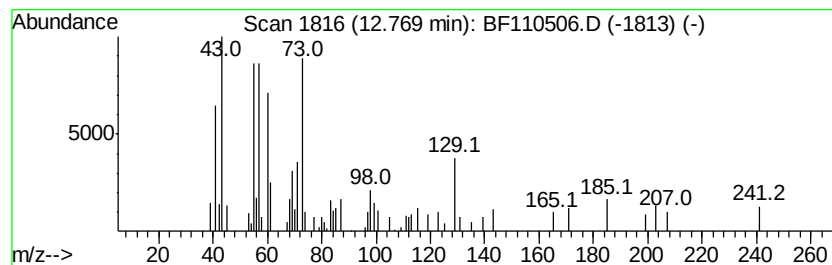
Instrument :
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Peak Number 6 Tetradecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.77	2.20 ng	78989	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



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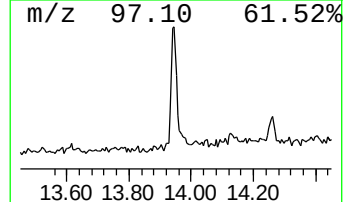
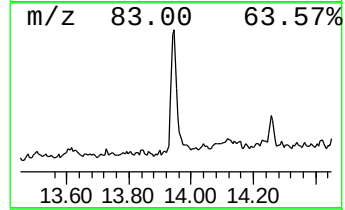
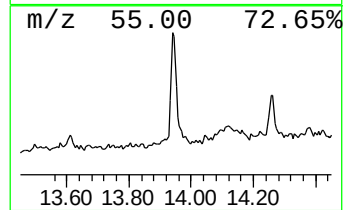
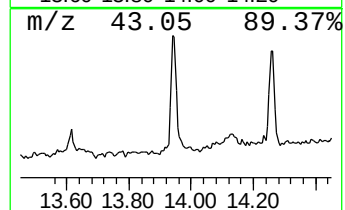
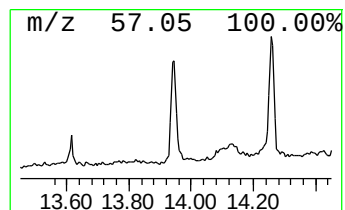
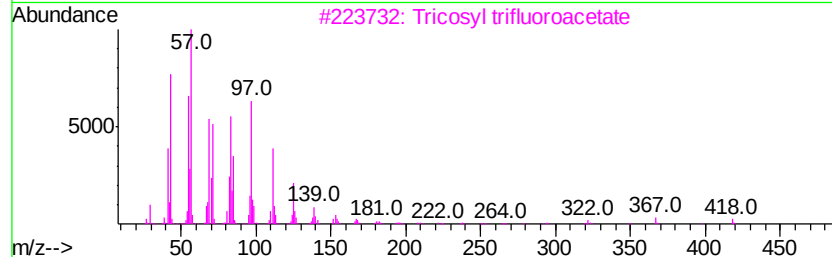
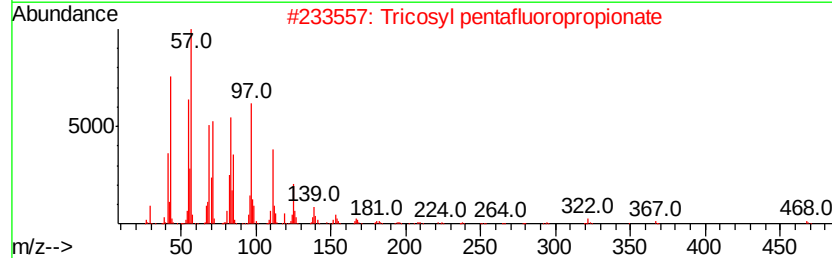
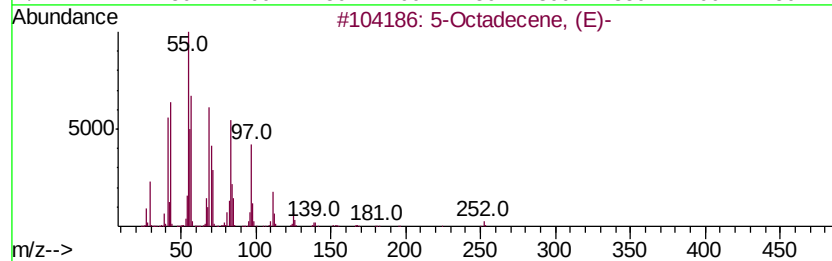
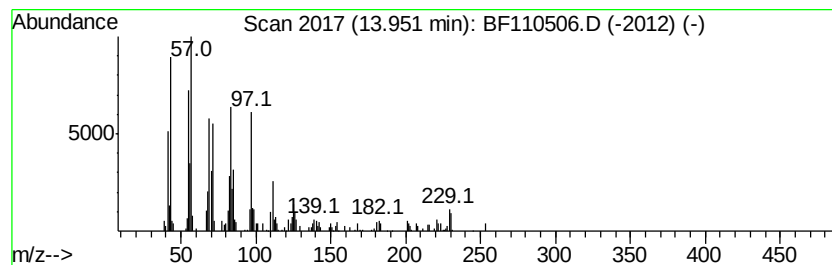
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Octadecene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.06 ng	195535	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4		Tricosyl heptafluorobutyrte	536	C27H47F7O2	1000351-83-4	91
5		Cyclohexadecane	224	C16H32	000295-65-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110506.D
Acq On : 6 Nov 2018 11:10
Operator : JU/SJ
Sample : J5813-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-B

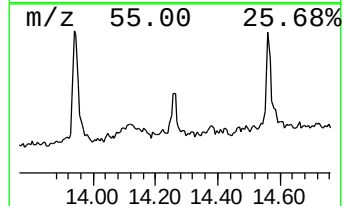
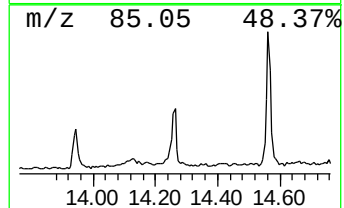
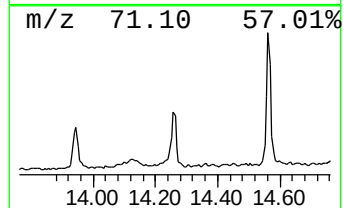
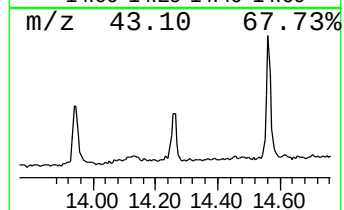
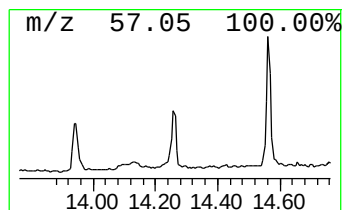
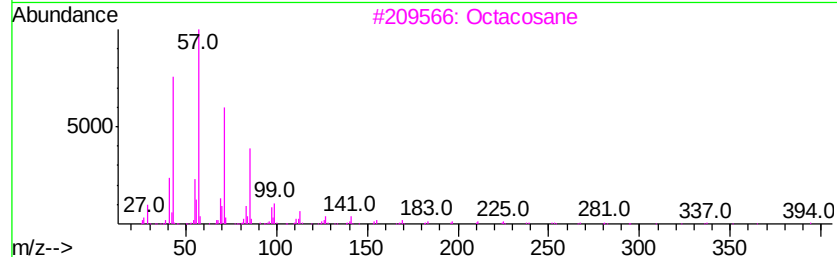
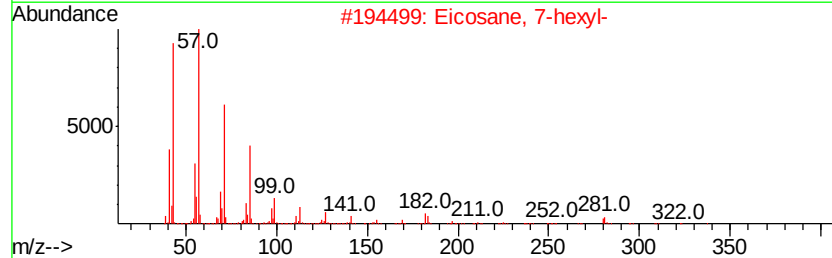
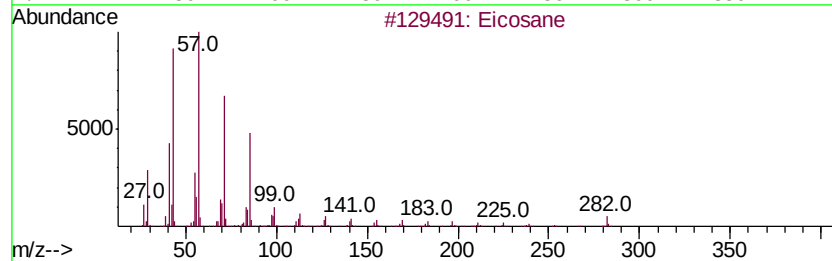
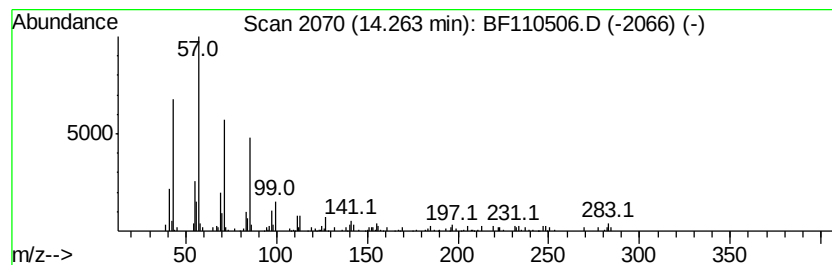
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	3.31 ng	106577	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	83
3	Octacosane		394	C28H58	000630-02-4	83
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	80
5	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110506.D
Acq On : 6 Nov 2018 11:10
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ALS Vial : 4 Sample Multiplier: 1

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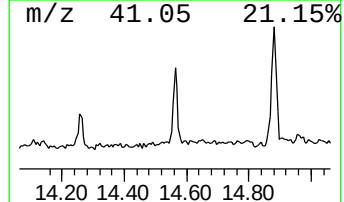
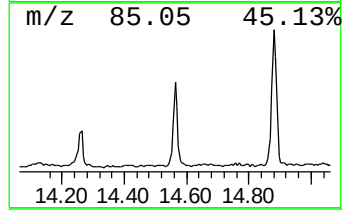
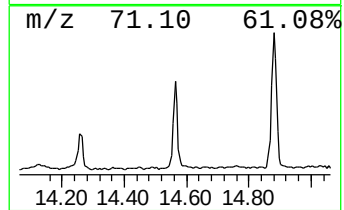
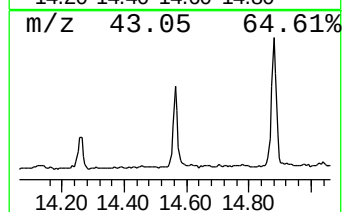
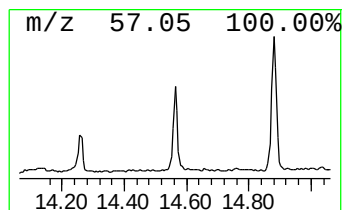
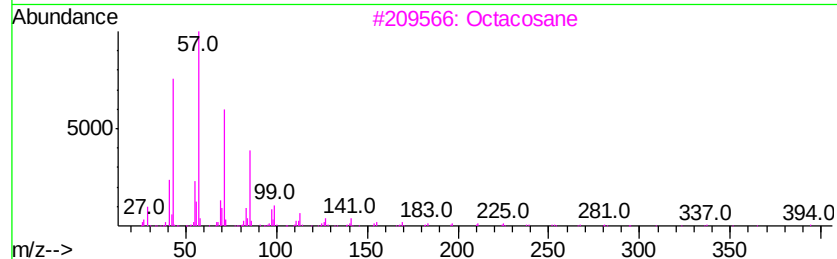
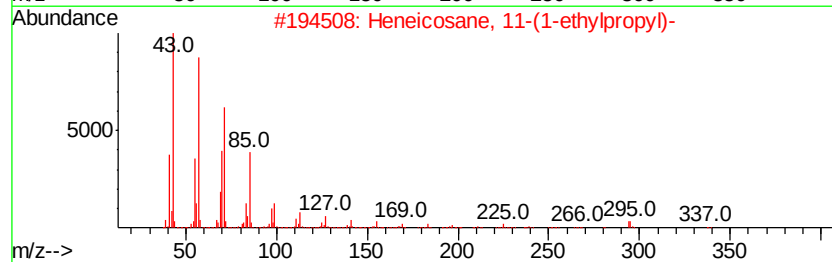
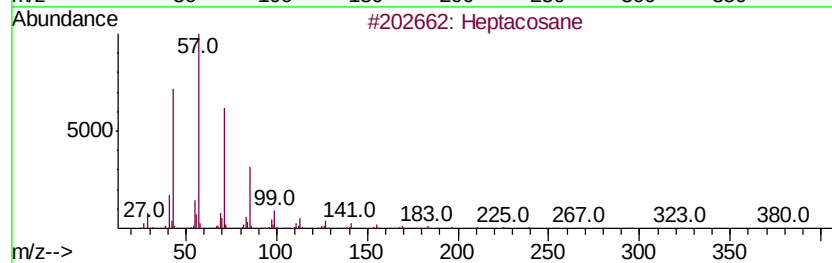
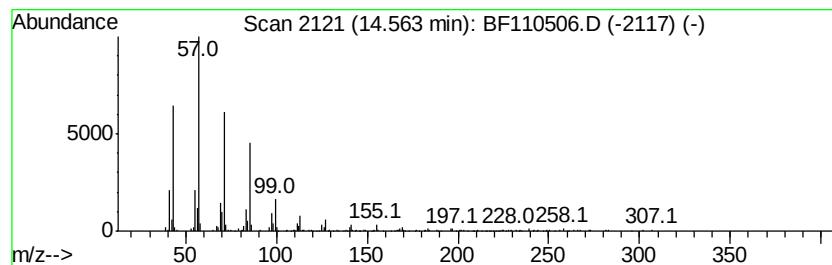
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.27 ng	266700	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
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Acq On : 6 Nov 2018 11:10
Operator : JU/SJ
Sample : J5813-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

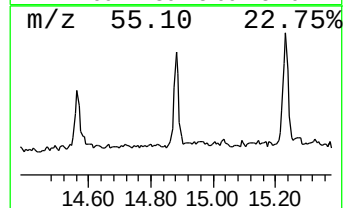
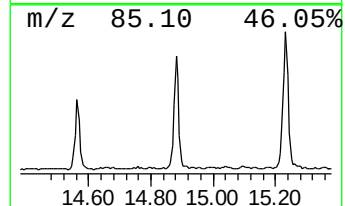
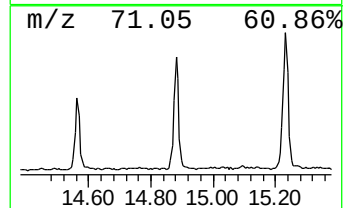
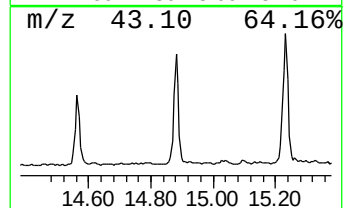
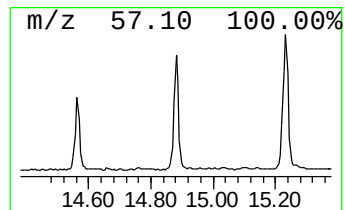
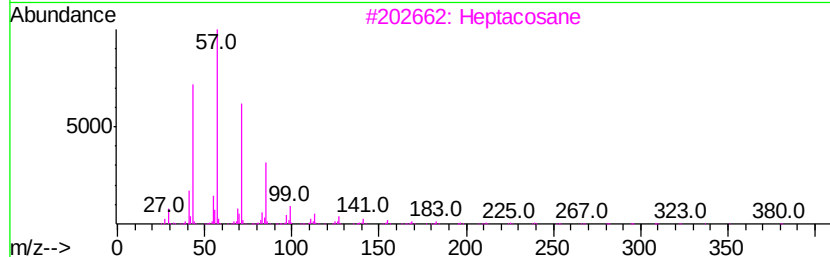
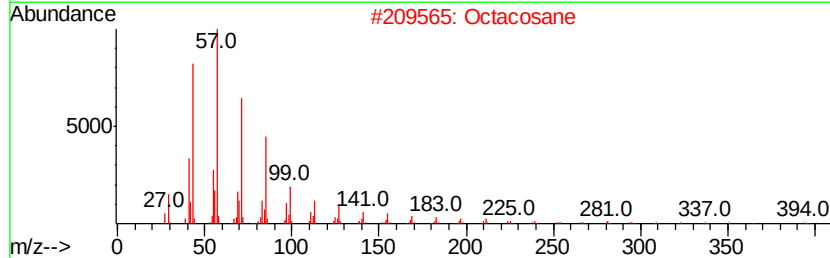
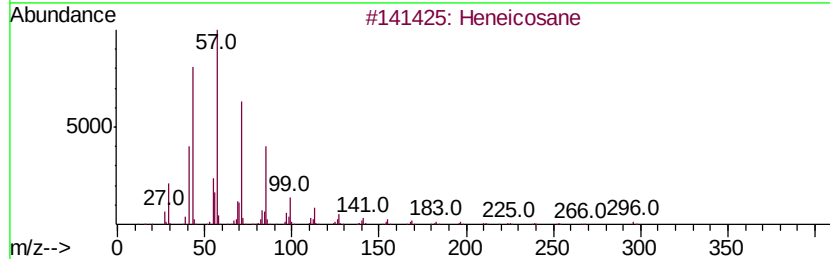
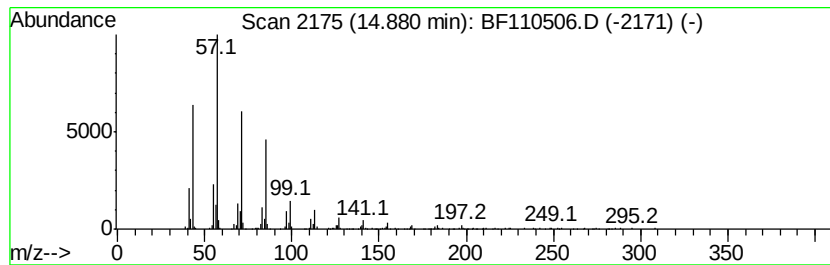
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	11.97 ng	386087	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Heptacosane	380 C27H56	000593-49-7	91
4	Tetracosane	338 C24H50	000646-31-1	91
5	Hexacosane	366 C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110506.D
Acq On : 6 Nov 2018 11:10
Operator : JU/SJ
Sample : J5813-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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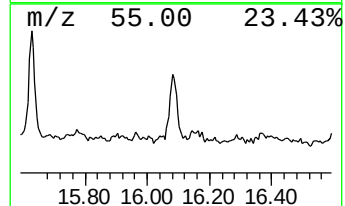
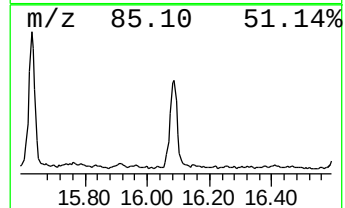
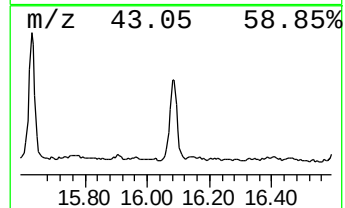
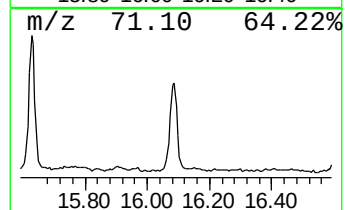
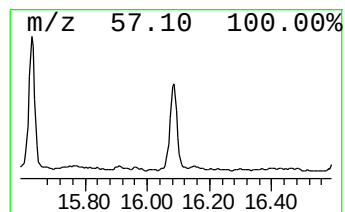
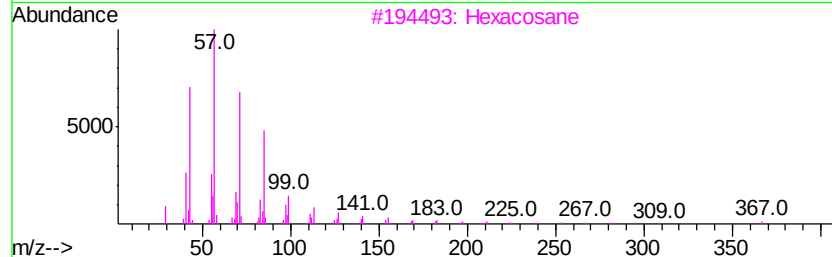
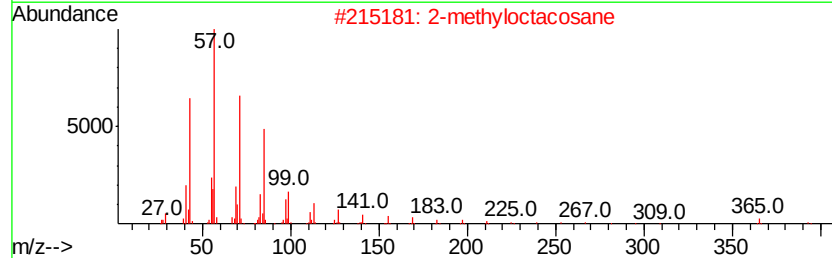
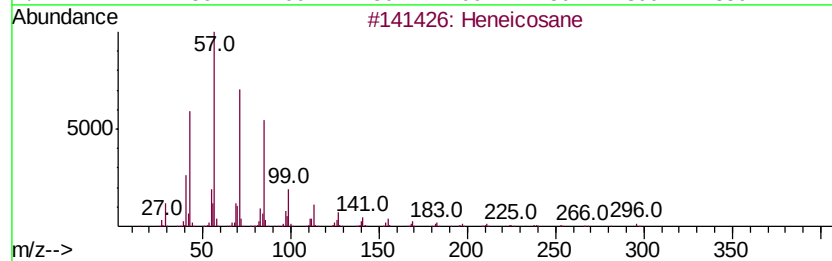
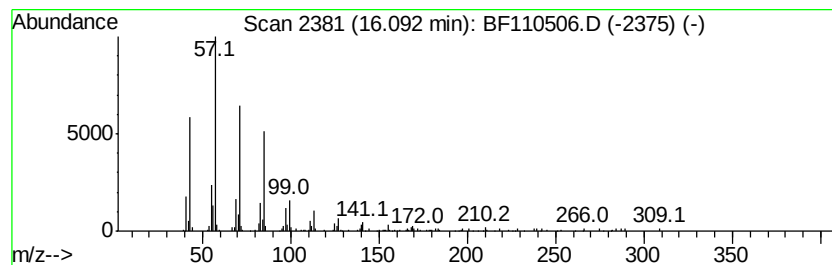
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	20.18 ng	361700	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110506.D
 Acq On : 6 Nov 2018 11:10
 Operator : JU/SJ
 Sample : J5813-02
 Misc :
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Instrument :
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 ClientSampleId :
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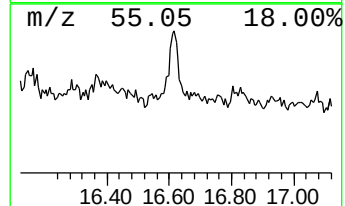
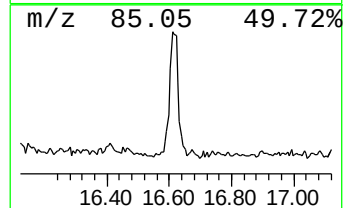
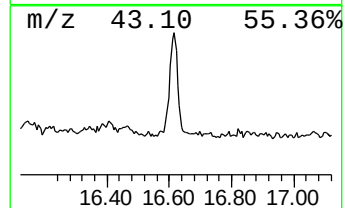
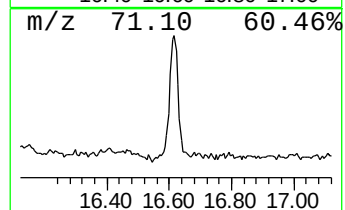
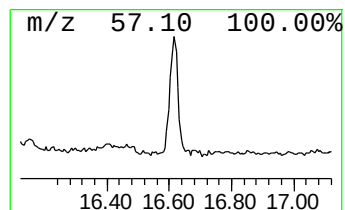
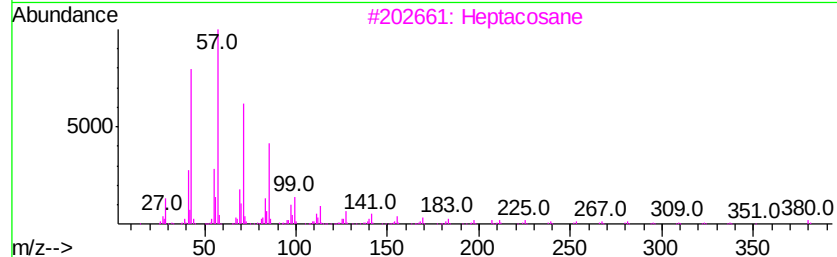
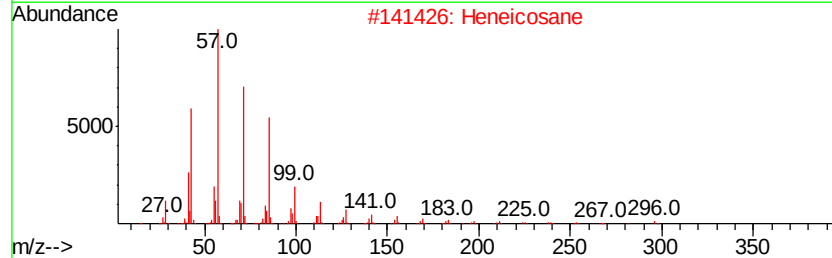
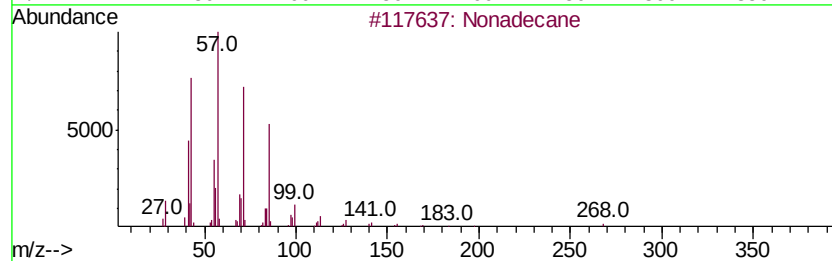
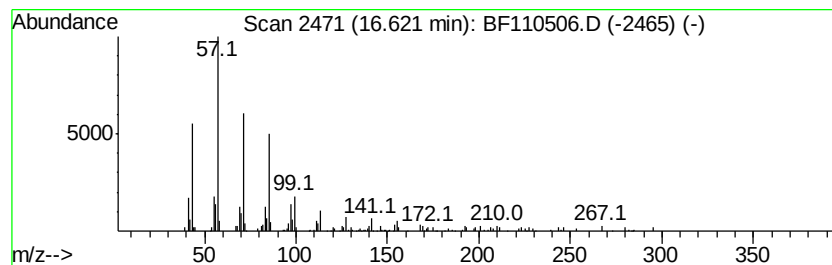
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	10.09 ng	180859	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110618\
Data File : BF110506.D
Acq On : 6 Nov 2018 11:10
Operator : JU/SJ
Sample : J5813-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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2-Pentanone, 4-hy...	5.20	3.0	ng	93233	1	6.95	622793	20.0
unknown6.73	6.73	74.9	ng	2333430	1	6.95	622793	20.0
n-Hexadecanoic acid	11.99	6.2	ng	221339	4	11.49	717100	20.0
Tetradecanoic acid	12.77	2.2	ng	78989	4	11.49	717100	20.0
5-Octadecene, (E)-	13.95	6.1	ng	195535	5	14.13	644837	20.0
Eicosane	14.26	3.3	ng	106577	5	14.13	644837	20.0
Heptacosane	14.56	8.3	ng	266700	5	14.13	644837	20.0
Heneicosane	14.88	12.0	ng	386087	5	14.13	644837	20.0
2-methyloctacosane	16.09	20.2	ng	361700	6	15.66	358403	20.0
Nonadecane	16.62	10.1	ng	180859	6	15.66	358403	20.0