

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112243.D
 Acq On : 25 Jan 2019 20:27
 Operator : JU/SJ
 Sample : K1238-41
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5

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-BF012519.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	2.163	7	13	18	rVB	147395	203337	3.72%	0.412%
2	5.075	505	508	523	rVB	168979	265310	4.85%	0.537%
3	5.487	573	578	581	rBV	4616107	4767601	87.18%	9.650%
4	6.492	743	749	752	rBV	4516000	5066911	92.66%	10.256%
5	6.622	766	771	774	rBV	5587666	5341196	97.67%	10.811%
6	6.839	805	808	816	rBV	1263830	1122061	20.52%	2.271%
7	6.998	831	835	839	rBV	4174380	3978070	72.75%	8.052%
8	7.404	898	904	907	rBV	2926793	3273813	59.87%	6.627%
9	8.122	1022	1026	1038	rBV	1600249	1467897	26.84%	2.971%
10	9.198	1203	1209	1212	rBV	5994923	5468444	100.00%	11.069%
11	9.586	1272	1275	1280	rBV	515800	442575	8.09%	0.896%
12	9.880	1320	1325	1329	rBV	1803691	1675511	30.64%	3.391%
13	10.669	1455	1459	1474	rBV	3644841	3866463	70.70%	7.826%
14	11.363	1573	1577	1581	rBV	1814510	1638088	29.96%	3.316%
15	11.886	1663	1666	1674	rBV2	198836	203891	3.73%	0.413%
16	12.445	1757	1761	1765	rVB3	43326	60574	1.11%	0.123%
17	12.574	1780	1783	1790	rBV	73423	73340	1.34%	0.148%
18	12.827	1817	1826	1836	rBV2	382072	753881	13.79%	1.526%
19	12.945	1841	1846	1849	rBV	4872448	4693776	85.83%	9.501%
20	13.168	1879	1884	1888	rVB2	55933	61075	1.12%	0.124%
21	13.510	1937	1942	1944	rBV2	84151	76280	1.39%	0.154%
22	13.833	1993	1997	2008	rBV	410610	563313	10.30%	1.140%
23	13.998	2022	2025	2029	rBV	1057865	1080612	19.76%	2.187%
24	14.151	2047	2051	2059	rBV	145046	157458	2.88%	0.319%
25	14.457	2099	2103	2107	rBV	205767	202818	3.71%	0.411%
26	14.762	2150	2155	2160	rBV	238340	266971	4.88%	0.540%
27	15.092	2207	2211	2218	rVB	284714	327586	5.99%	0.663%
28	15.468	2269	2275	2283	rBV2	1078084	1454903	26.61%	2.945%
29	15.898	2342	2348	2355	rBV	272873	427285	7.81%	0.865%
30	16.398	2427	2433	2444	rVB	161027	308380	5.64%	0.624%
31	16.980	2528	2532	2540	rVB3	58108	115393	2.11%	0.234%

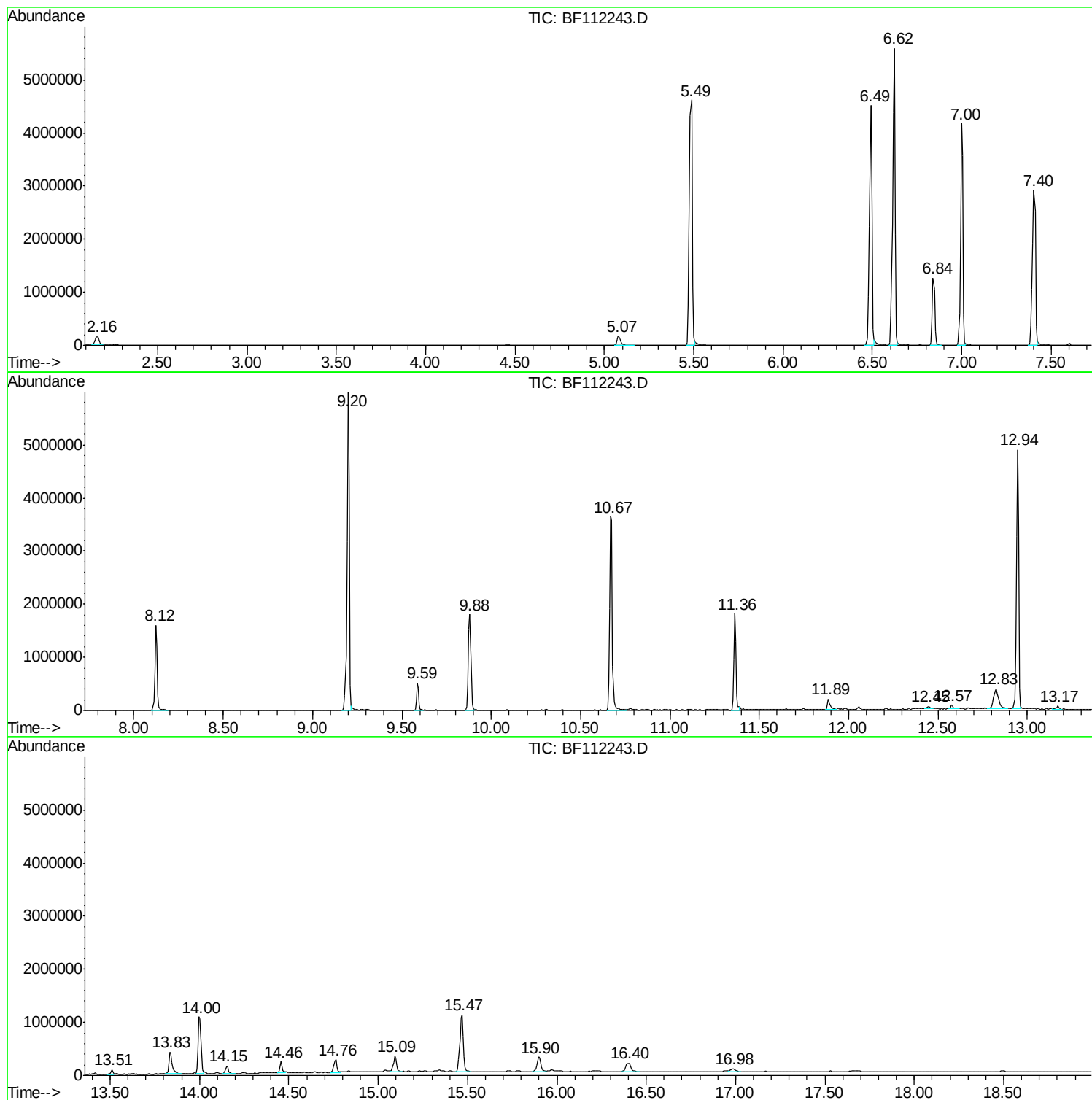
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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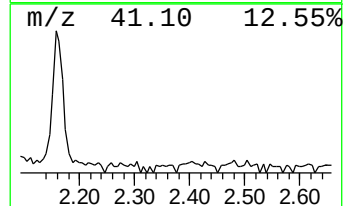
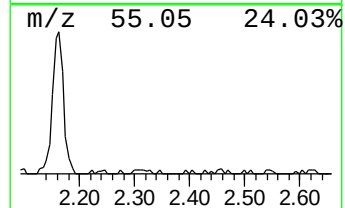
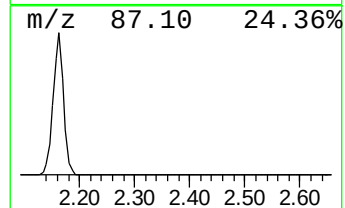
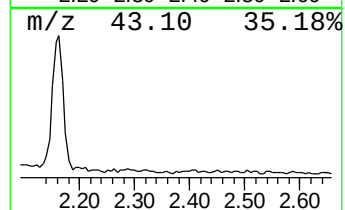
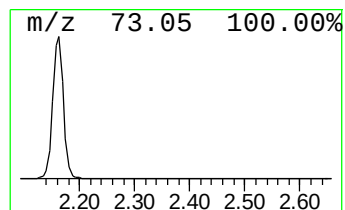
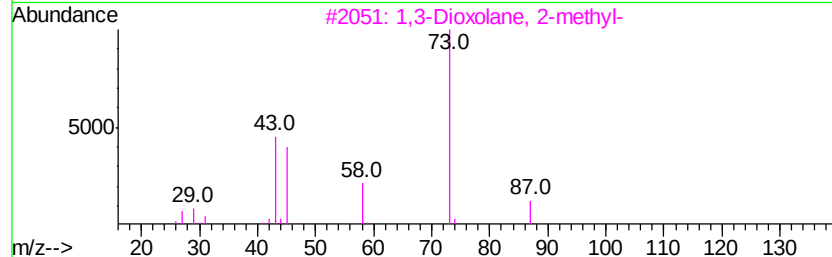
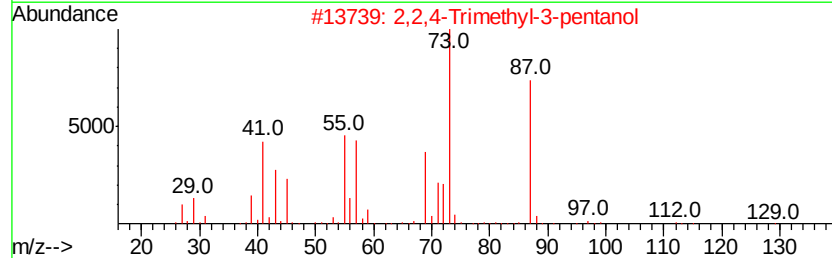
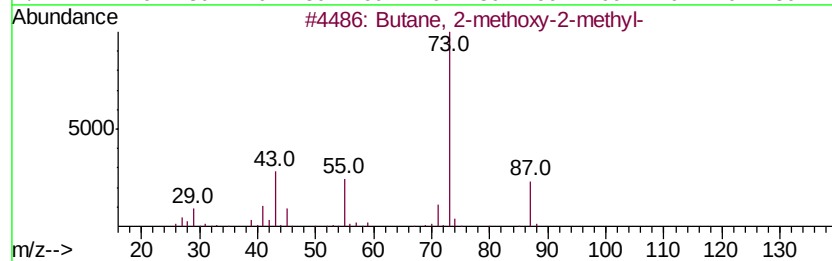
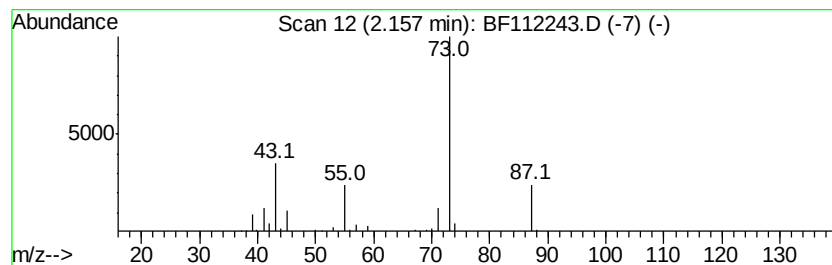
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.62 ng	203337	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	23



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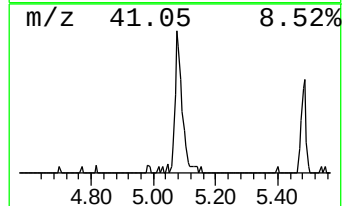
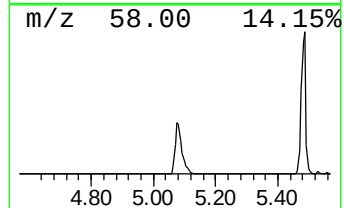
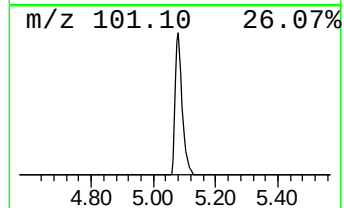
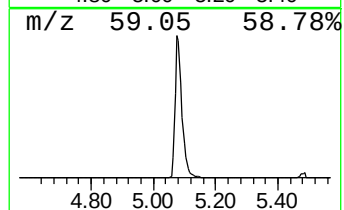
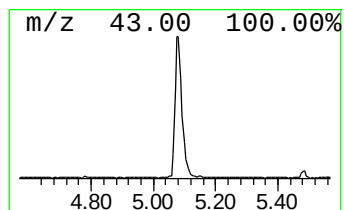
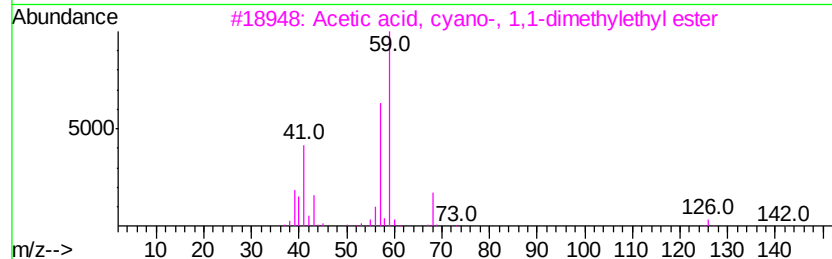
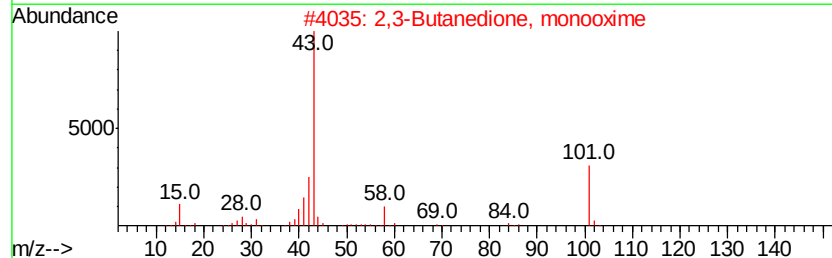
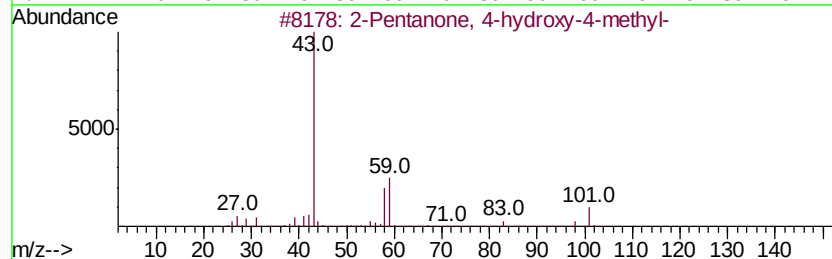
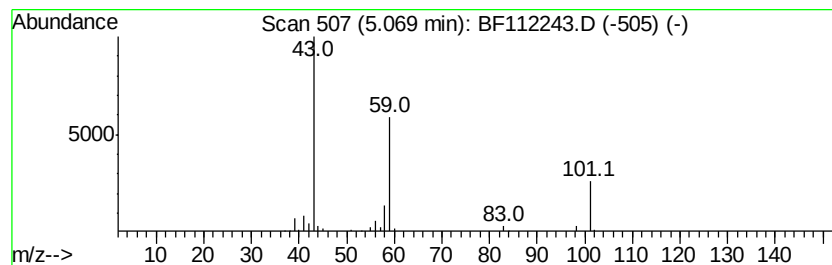
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	4.73 ng	265310	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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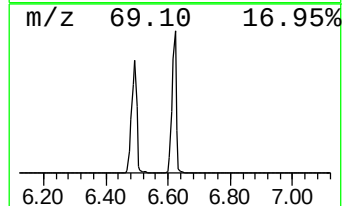
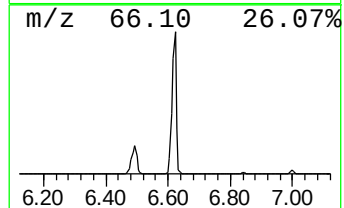
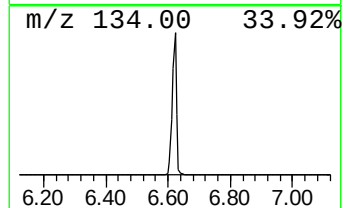
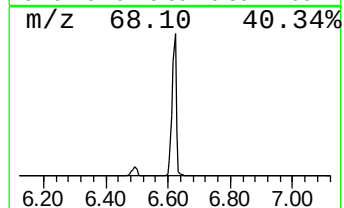
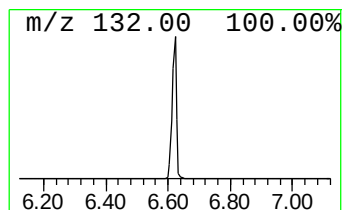
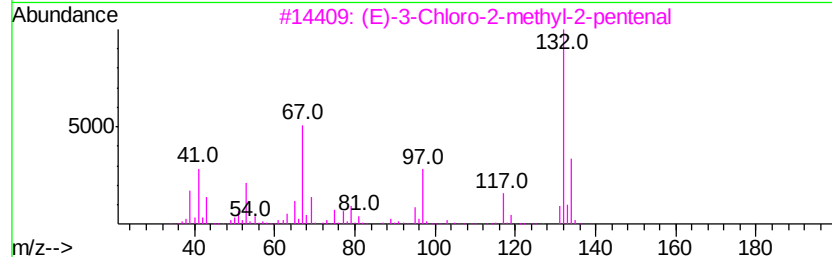
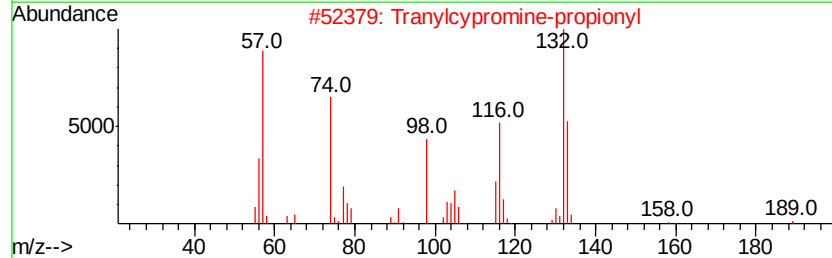
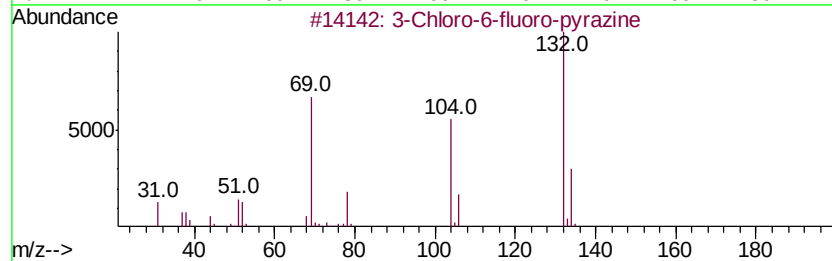
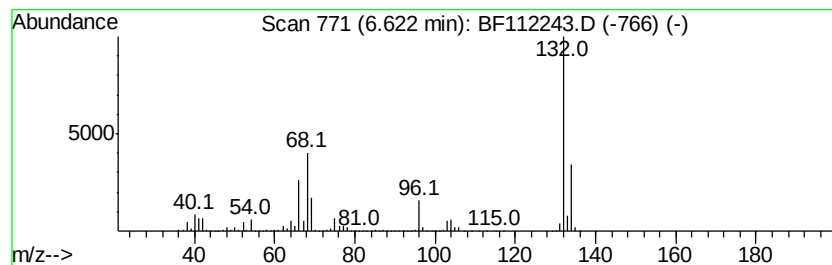
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	95.20 ng	5341200	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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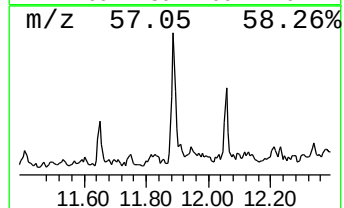
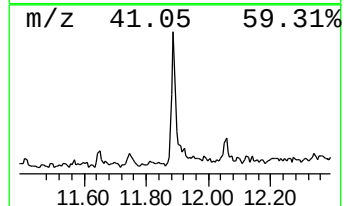
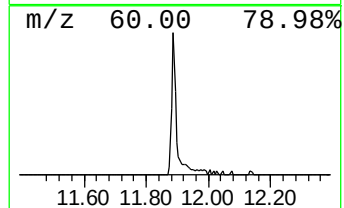
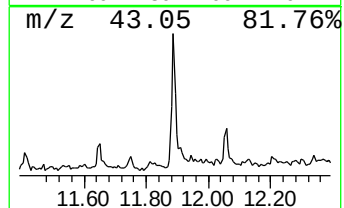
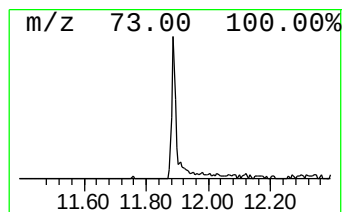
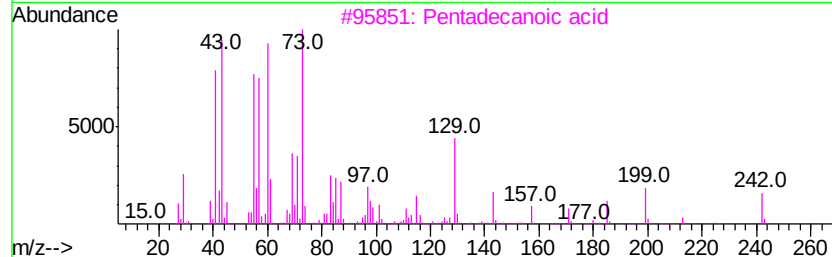
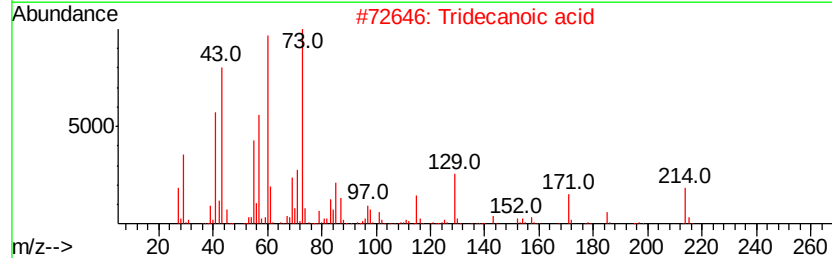
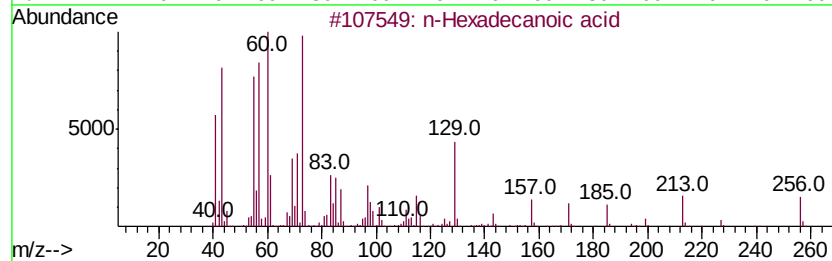
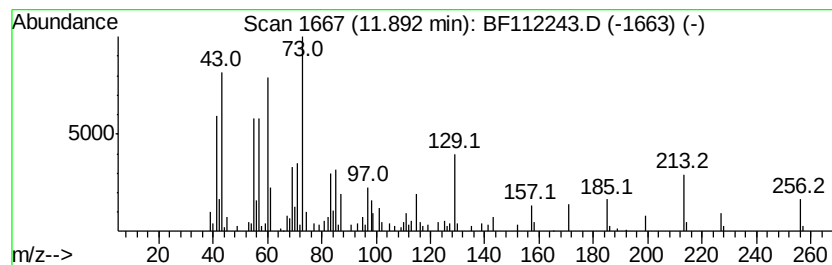
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.49 ng	203891	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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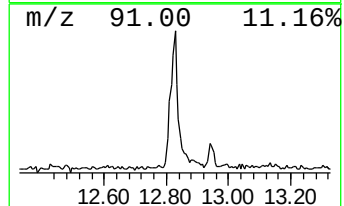
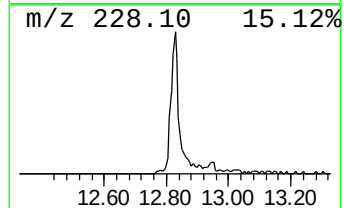
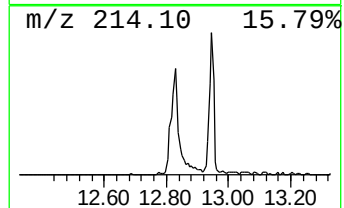
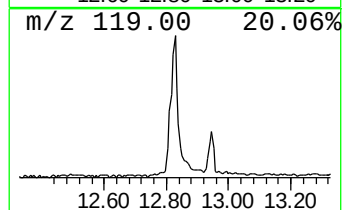
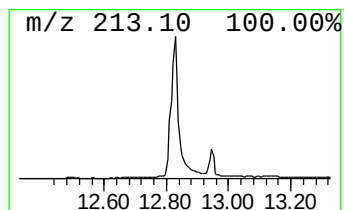
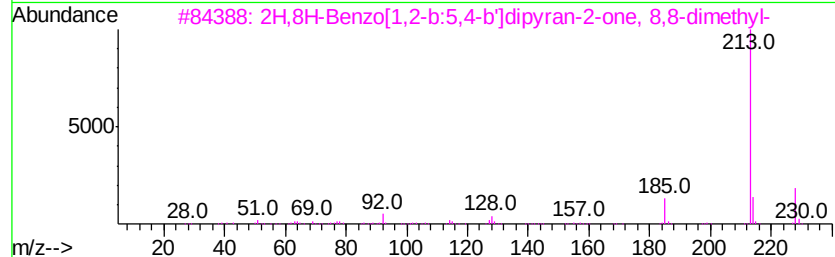
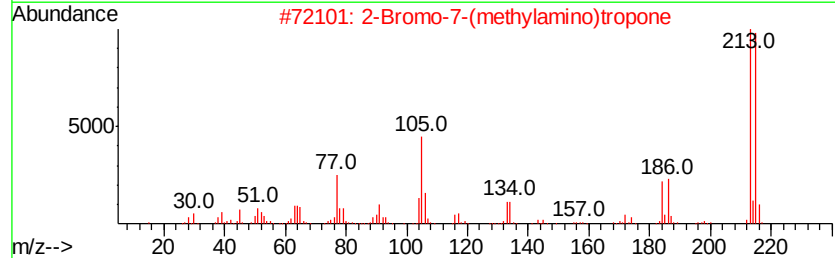
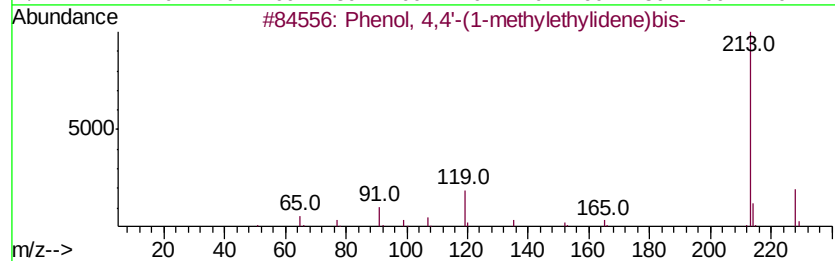
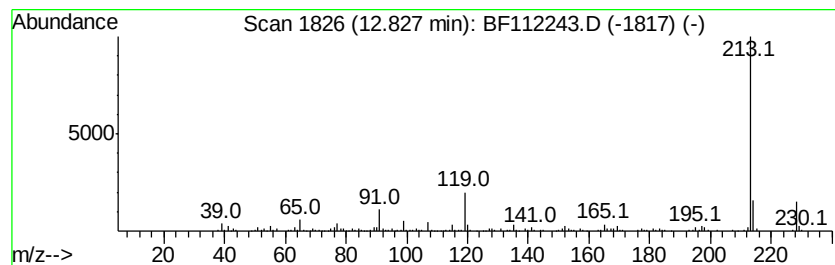
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Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.83	13.95 ng	753881	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97	
2	2-Bromo-7-(methylamino)tropon	213	C8H8BrNO	103539-25-9	50	
3	2H,8H-Benzo[1,2-b:5,4-b']ldipvran...	228	C14H12O3	000553-19-5	50	
4	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	50	
5	1,4-Naphthalenedione, 2-(1-buten...	228	C14H12O3	029366-43-6	47	



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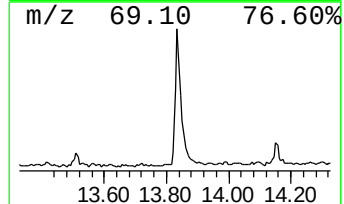
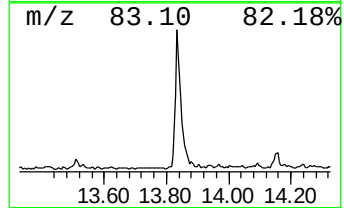
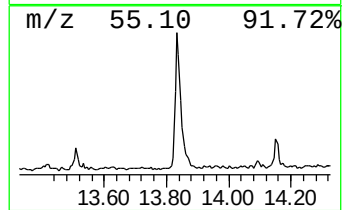
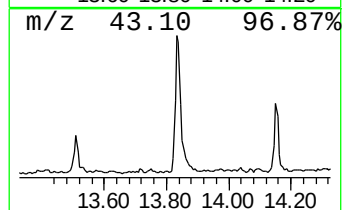
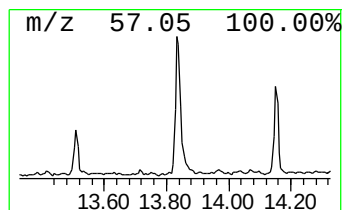
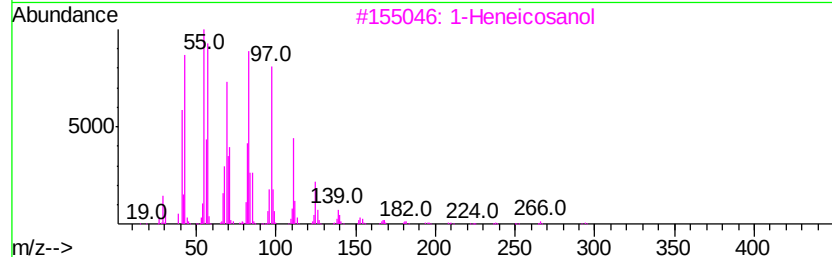
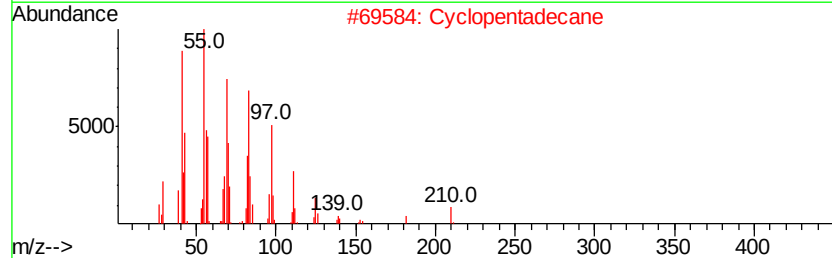
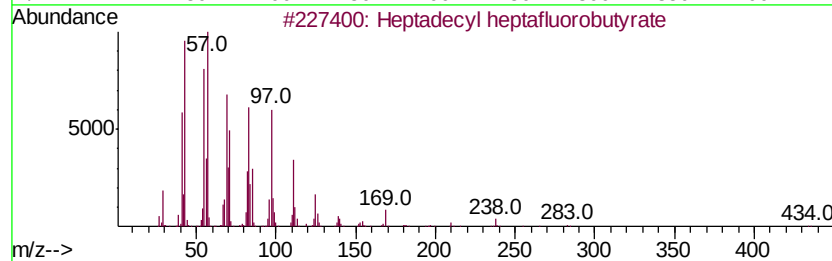
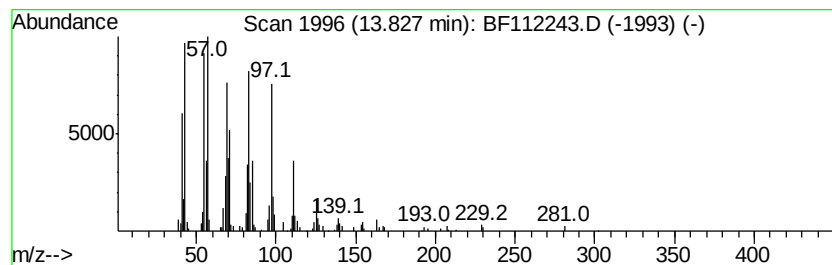
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	10.43 ng	563313	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112243.D
Acq On : 25 Jan 2019 20:27
Operator : JU/SJ
Sample : K1238-41
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5

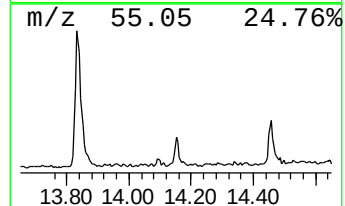
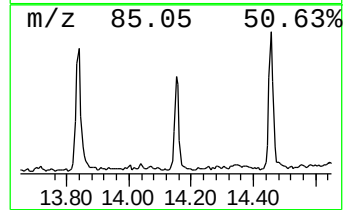
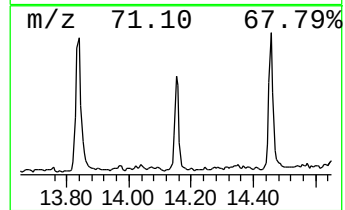
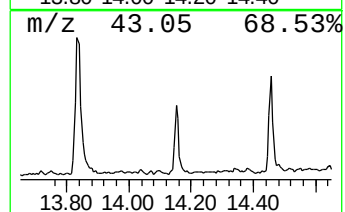
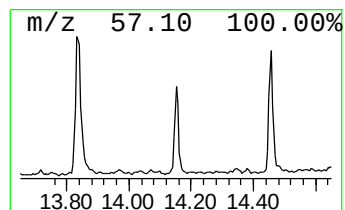
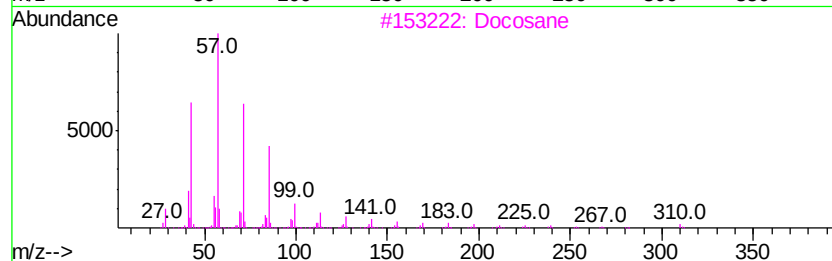
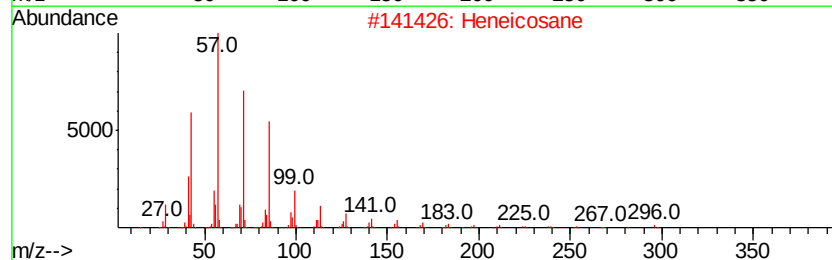
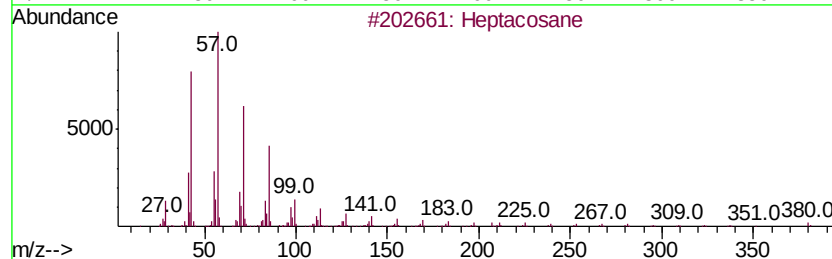
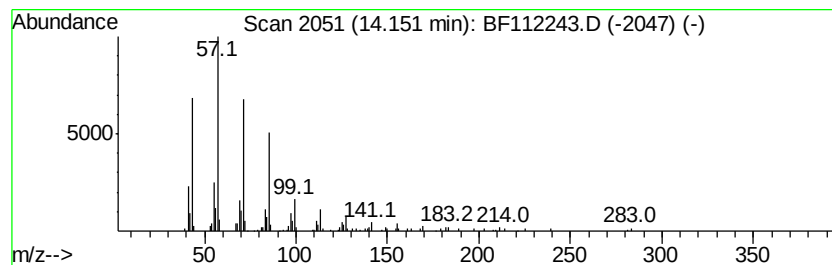
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.91 ng	157458	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane	310	C22H46	000629-97-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112243.D
Acq On : 25 Jan 2019 20:27
Operator : JU/SJ
Sample : K1238-41
Misc :
ALS Vial : 7 Sample Multiplier: 1

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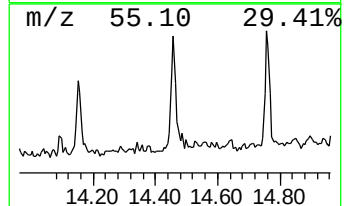
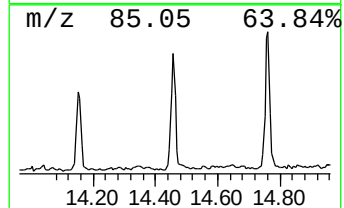
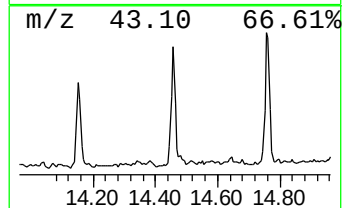
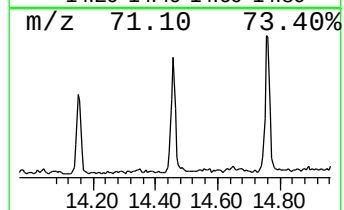
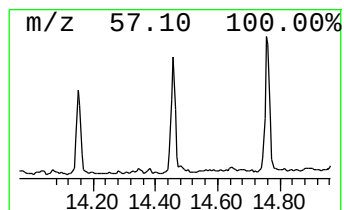
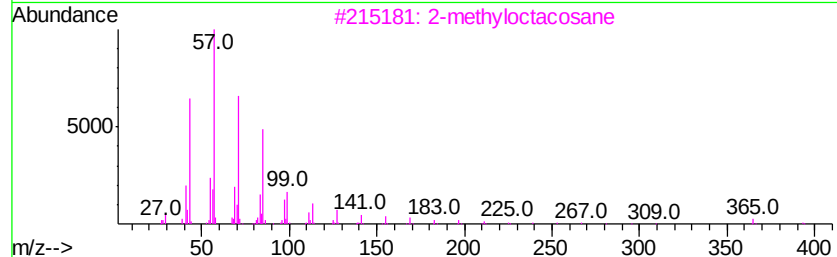
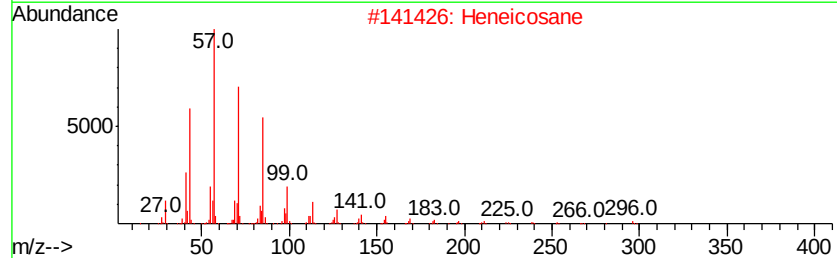
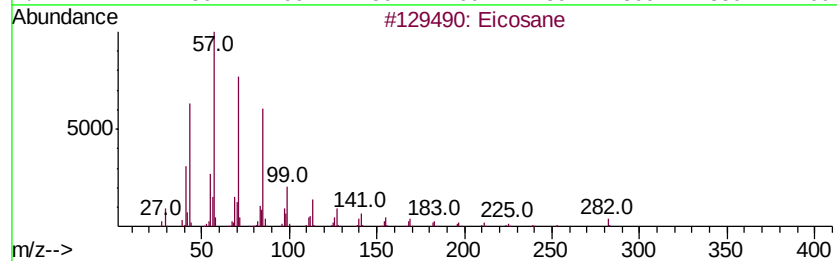
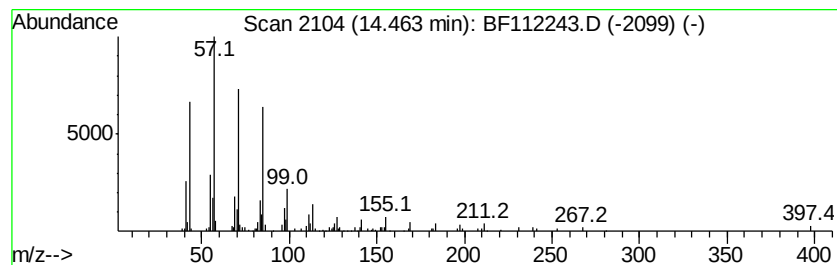
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.75 ng	202818	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112243.D
Acq On : 25 Jan 2019 20:27
Operator : JU/SJ
Sample : K1238-41
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5

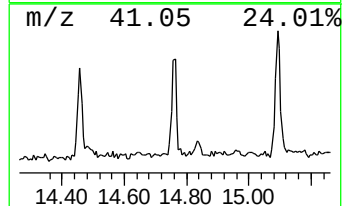
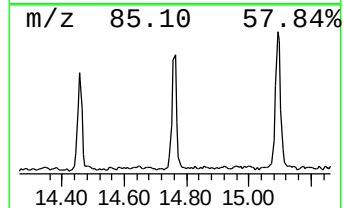
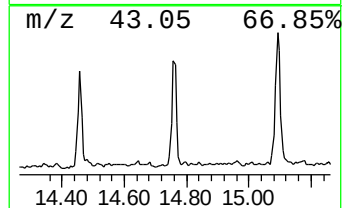
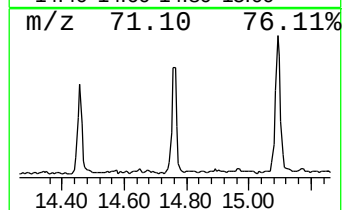
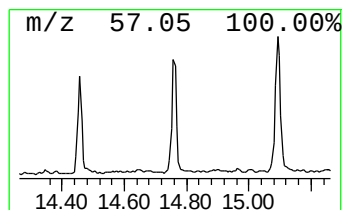
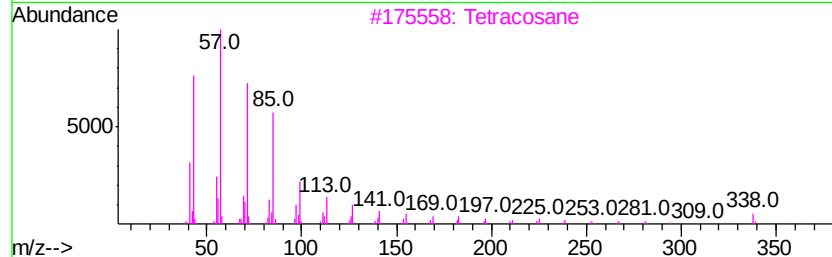
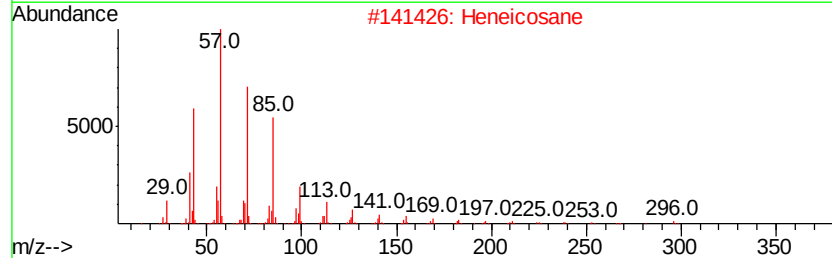
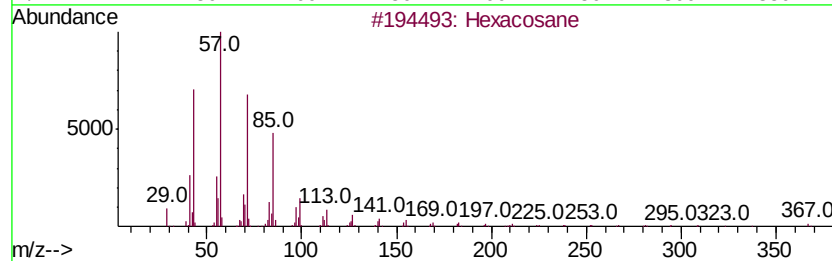
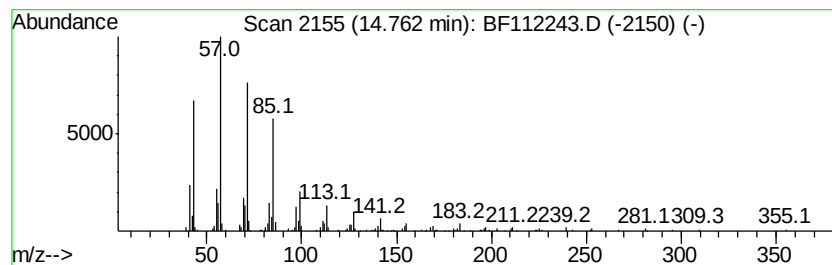
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.67 ng	266971	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112243.D
Acq On : 25 Jan 2019 20:27
Operator : JU/SJ
Sample : K1238-41
Misc :
ALS Vial : 7 Sample Multiplier: 1

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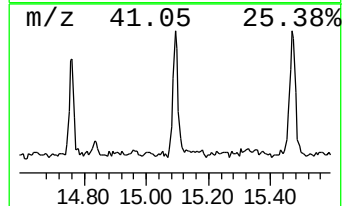
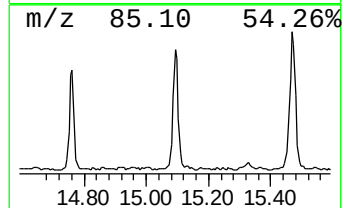
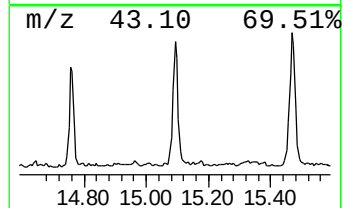
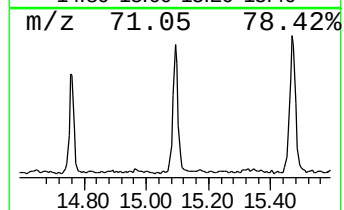
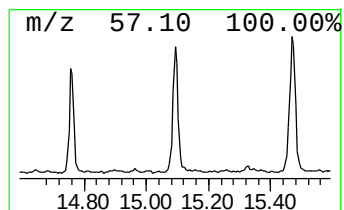
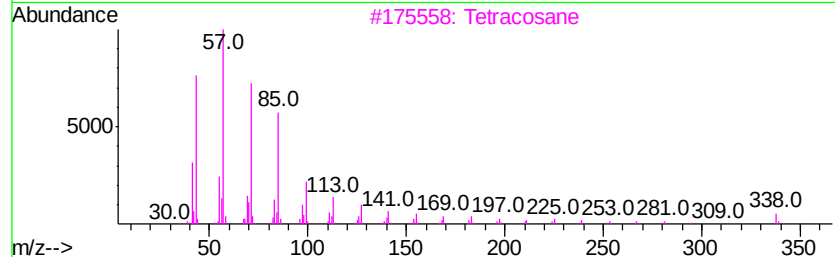
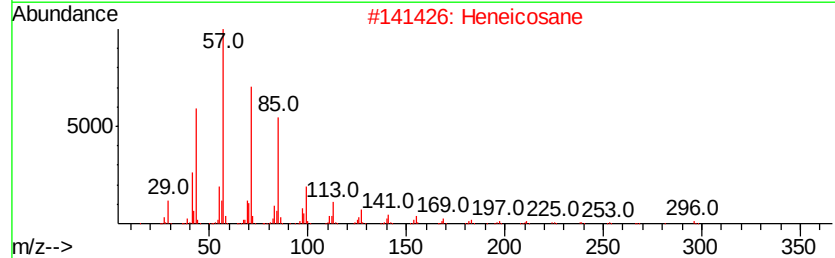
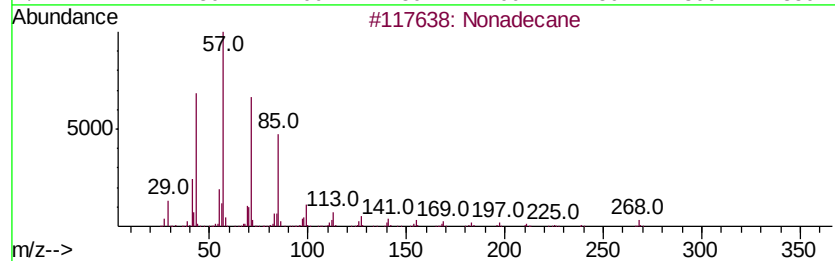
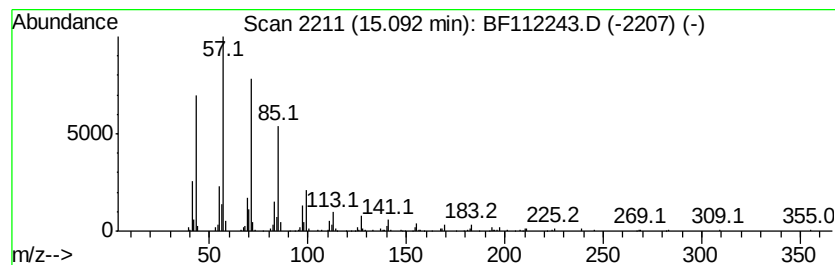
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.50 ng	327586	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112243.D
 Acq On : 25 Jan 2019 20:27
 Operator : JU/SJ
 Sample : K1238-41
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5

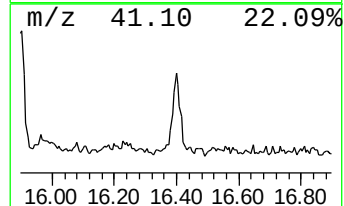
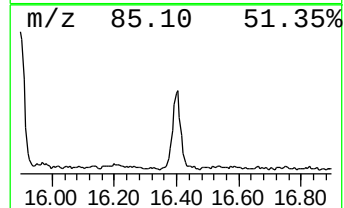
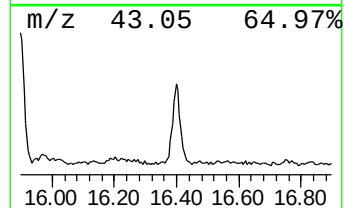
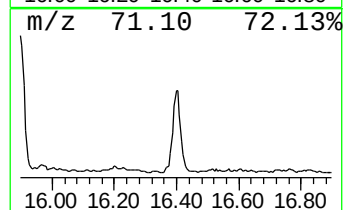
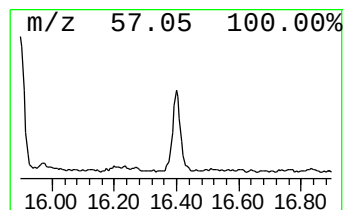
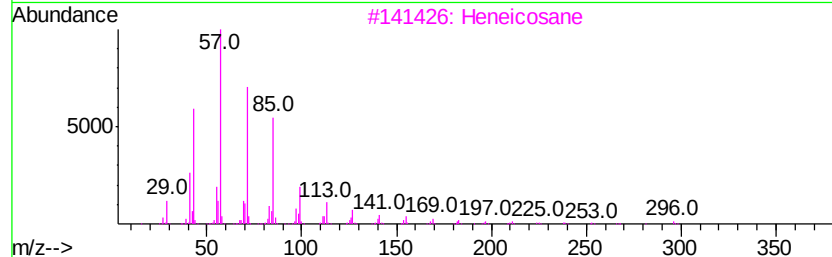
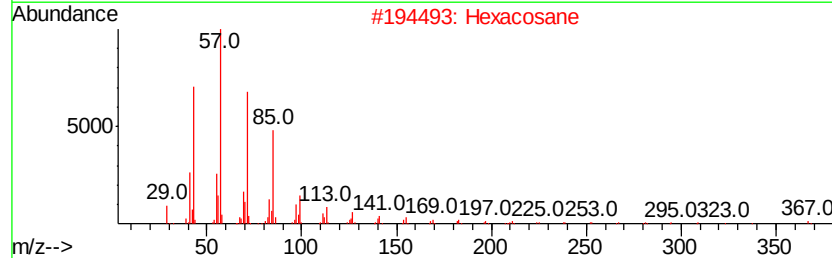
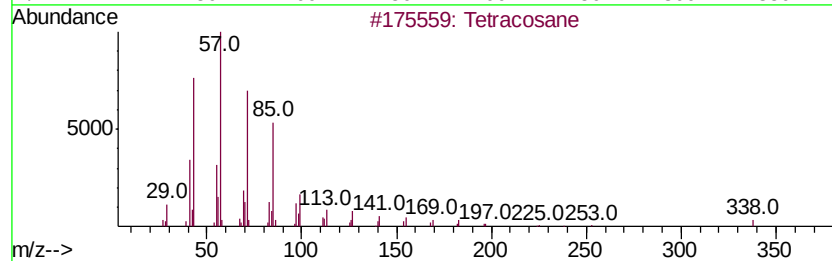
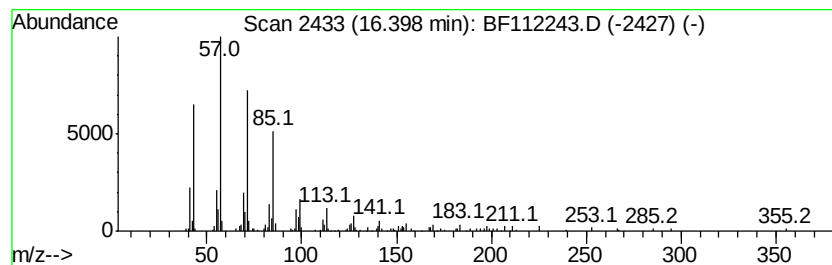
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	4.24 ng	308380	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112243.D
Acq On : 25 Jan 2019 20:27
Operator : JU/SJ
Sample : K1238-41
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
Butane, 2-methoxy...	2.16	3.6	ng	203337	1	6.84	1122060	20.0
2-Pentanone, 4-hy...	5.07	4.7	ng	265310	1	6.84	1122060	20.0
unknown6.62	6.62	95.2	ng	5341200	1	6.84	1122060	20.0
n-Hexadecanoic acid	11.89	2.5	ng	203891	4	11.36	1638090	20.0
Phenol, 4,4'-(1-m...	12.83	13.9	ng	753881	5	14.00	1080610	20.0
Heptadecyl hepta...	13.83	10.4	ng	563313	5	14.00	1080610	20.0
Heptacosane	14.15	2.9	ng	157458	5	14.00	1080610	20.0
Eicosane	14.46	3.8	ng	202818	5	14.00	1080610	20.0
Hexacosane	14.76	3.7	ng	266971	6	15.46	1454900	20.0
Nonadecane	15.09	4.5	ng	327586	6	15.46	1454900	20.0
Tetracosane	16.40	4.2	ng	308380	6	15.46	1454900	20.0