

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112240.D
 Acq On : 25 Jan 2019 19:05
 Operator : JU/SJ
 Sample : K1238-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

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	8	13	20	rVB	135984	183887	3.77%	0.404%
2	5.075	504	508	519	rVB	120366	171997	3.53%	0.378%
3	5.487	573	578	581	rBV	3365788	3400469	69.70%	7.479%
4	6.492	743	749	752	rBV	4246346	4565989	93.59%	10.043%
5	6.622	766	771	774	rBV	5012828	4878666	100.00%	10.730%
6	6.669	777	779	785	rVB	46225	51257	1.05%	0.113%
7	6.840	805	808	817	rBV	1157743	1006463	20.63%	2.214%
8	6.998	831	835	839	rBV	4080418	3809678	78.09%	8.379%
9	7.404	898	904	907	rBV	2839117	2962218	60.72%	6.515%
10	8.122	1022	1026	1043	rVB	1349750	1249431	25.61%	2.748%
11	9.198	1203	1209	1212	rBV	4684537	4372972	89.63%	9.618%
12	9.586	1271	1275	1280	rVB	364794	319500	6.55%	0.703%
13	9.880	1317	1325	1328	rBV	1366664	1241643	25.45%	2.731%
14	10.669	1455	1459	1471	rBV	2873406	2759514	56.56%	6.069%
15	11.363	1573	1577	1580	rBV	1469042	1253586	25.70%	2.757%
16	11.386	1580	1581	1585	rVB	132291	79714	1.63%	0.175%
17	11.886	1663	1666	1673	rBV3	170928	164815	3.38%	0.363%
18	12.574	1780	1783	1787	rVB	113186	102951	2.11%	0.226%
19	12.827	1817	1826	1841	rBV2	624929	1264243	25.91%	2.781%
20	12.945	1842	1846	1849	rBV	4870746	4521061	92.67%	9.944%
21	13.839	1994	1998	2008	rVB2	318929	471268	9.66%	1.037%
22	14.004	2022	2026	2029	rBV	1041479	961642	19.71%	2.115%
23	14.157	2048	2052	2056	rBV	133751	142744	2.93%	0.314%
24	14.457	2099	2103	2106	rBV	354289	326952	6.70%	0.719%
25	14.763	2150	2155	2160	rBV	712855	720523	14.77%	1.585%
26	15.098	2207	2212	2220	rVB	882811	1065015	21.83%	2.342%
27	15.468	2269	2275	2285	rBV2	1433070	2006235	41.12%	4.413%
28	15.904	2343	2349	2354	rBV	526828	815195	16.71%	1.793%
29	16.404	2428	2434	2442	rVB	247887	455146	9.33%	1.001%
30	16.986	2529	2533	2540	rVB3	68110	140958	2.89%	0.310%

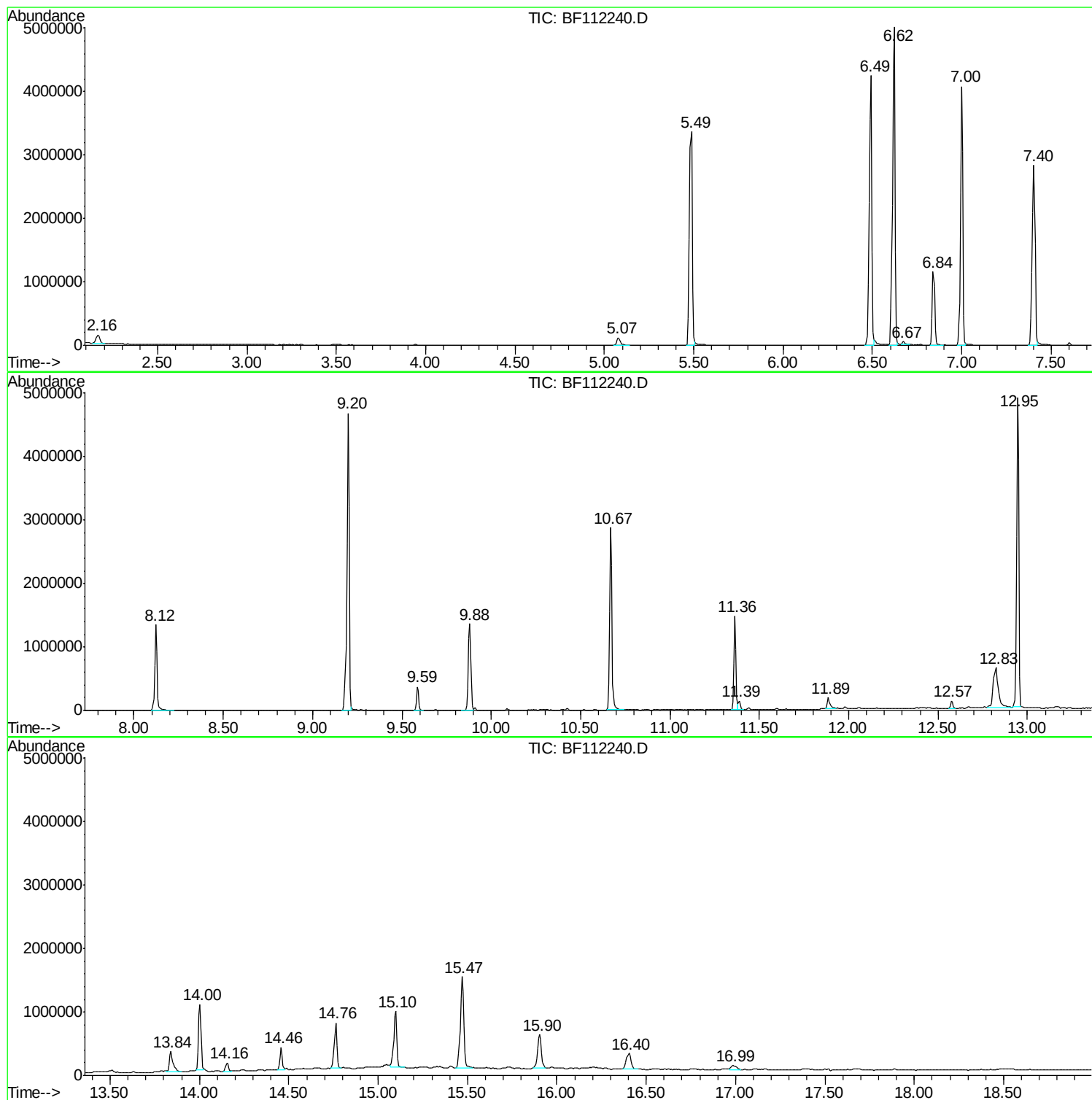
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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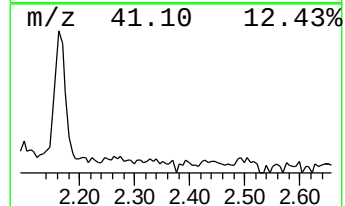
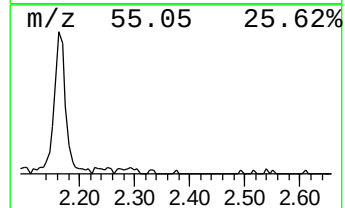
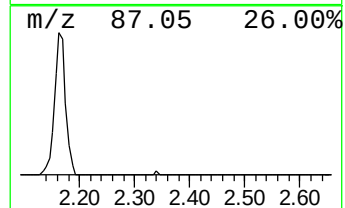
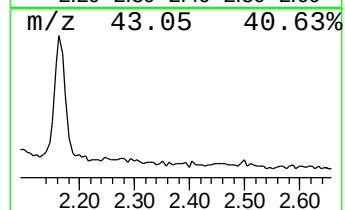
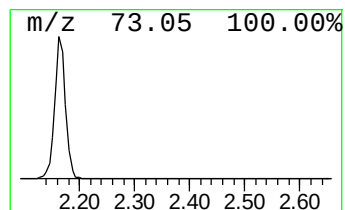
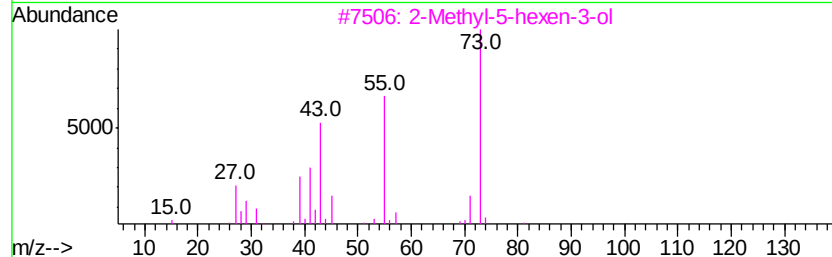
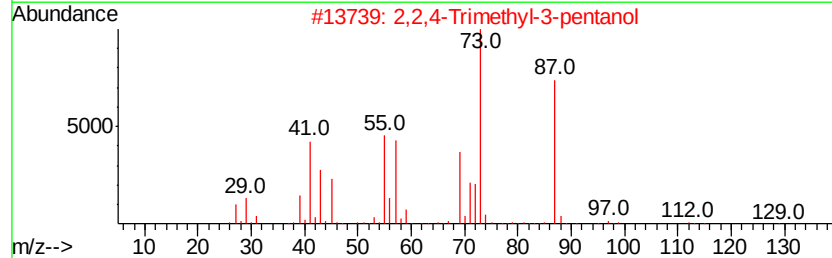
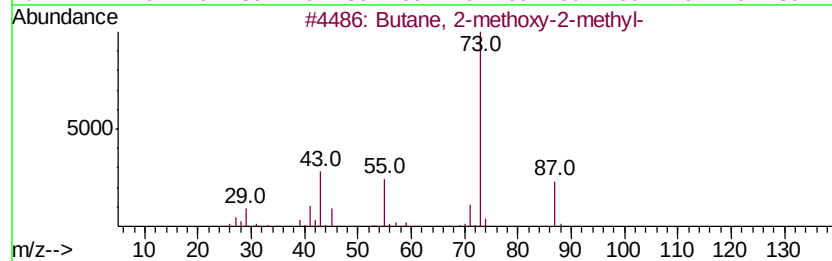
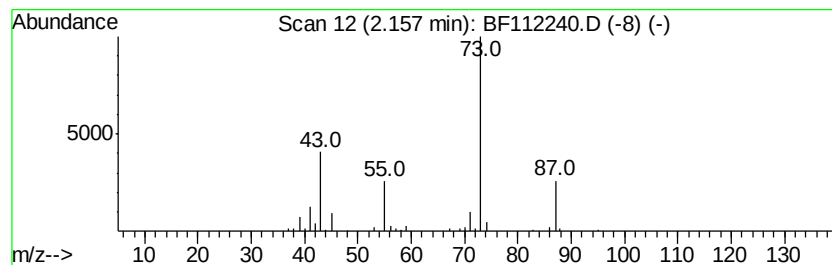
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	3.65 ng	183887	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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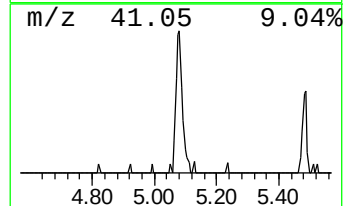
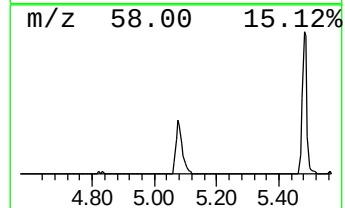
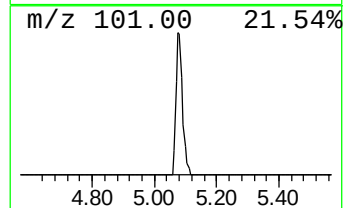
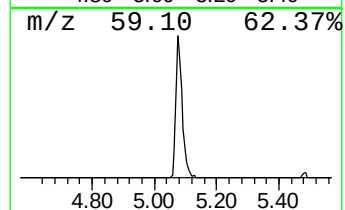
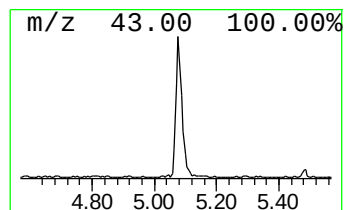
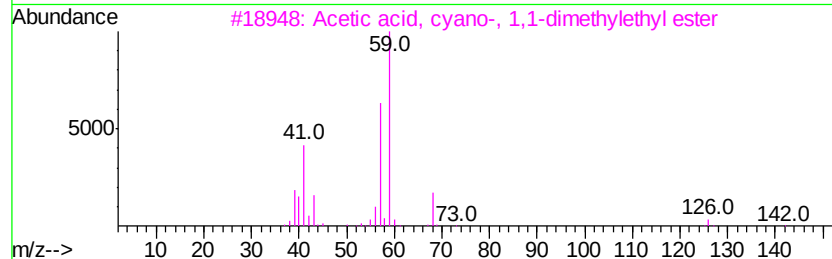
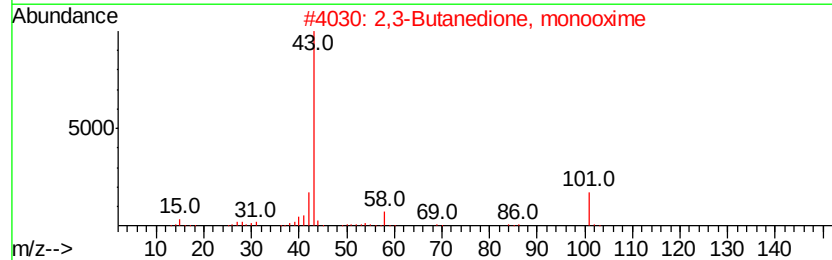
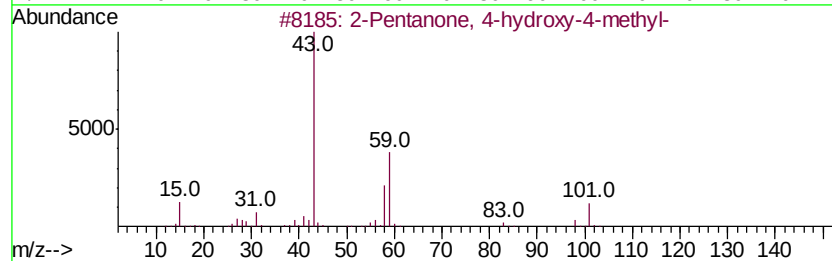
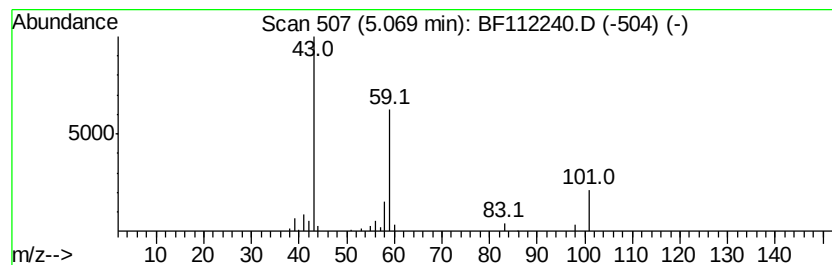
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.42 ng	171997	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	35
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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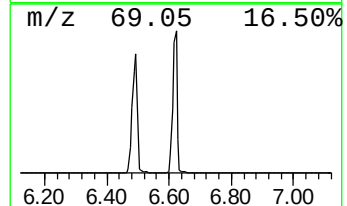
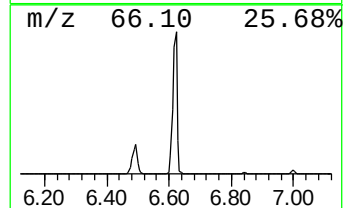
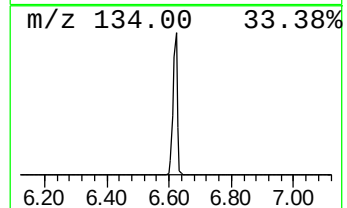
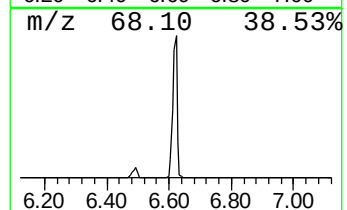
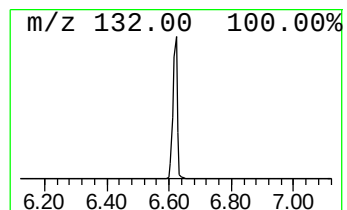
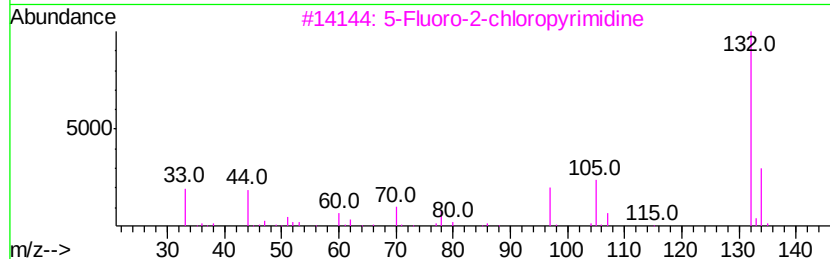
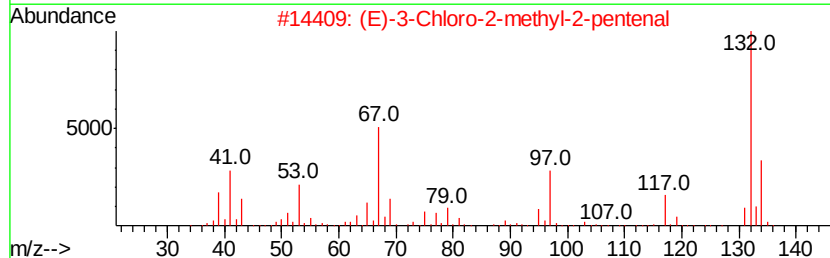
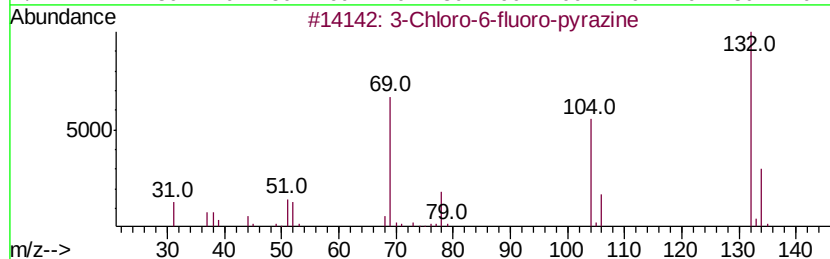
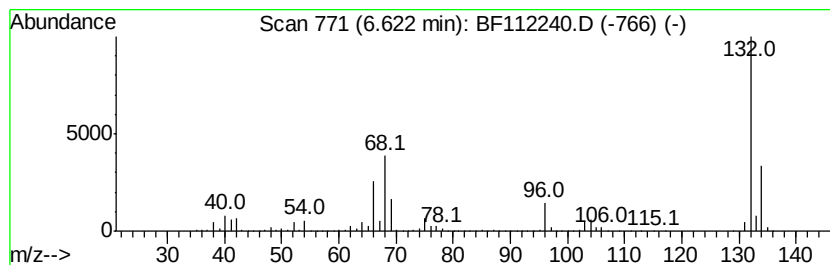
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Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	96.95 ng	4878670	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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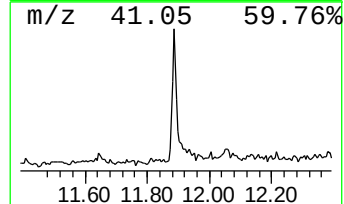
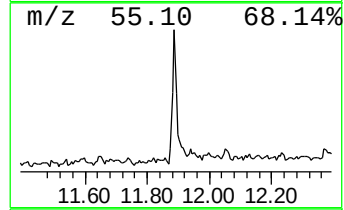
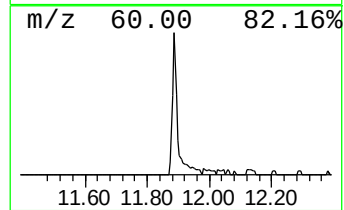
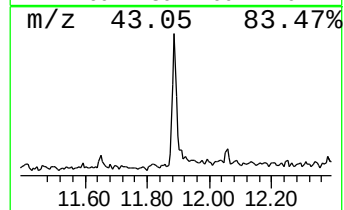
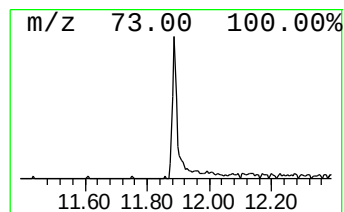
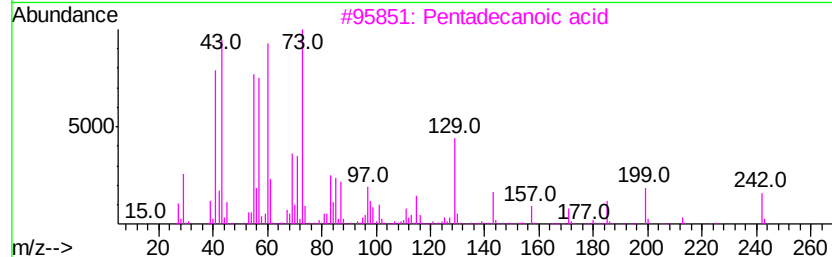
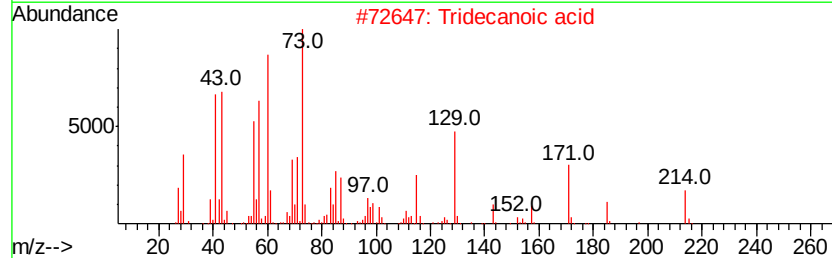
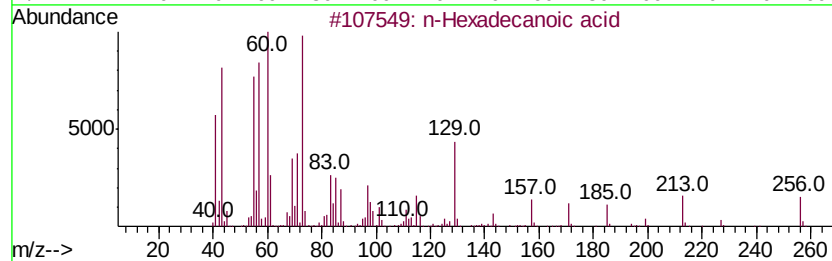
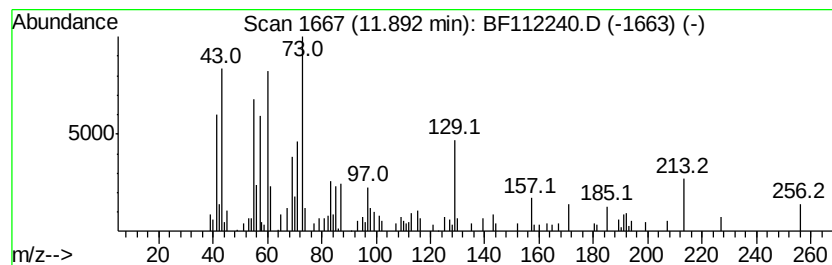
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.63 ng	164815	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



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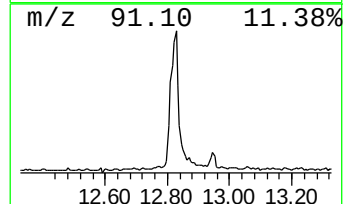
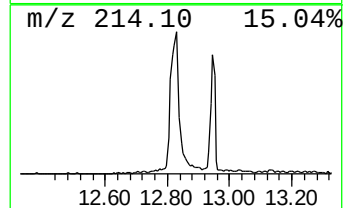
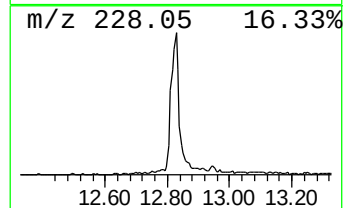
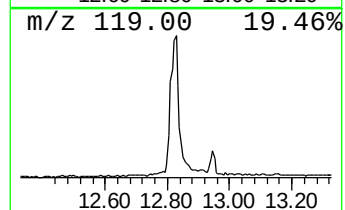
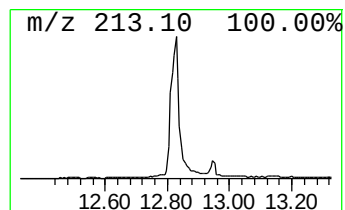
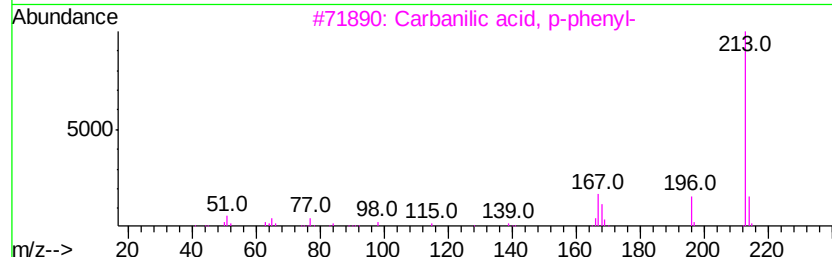
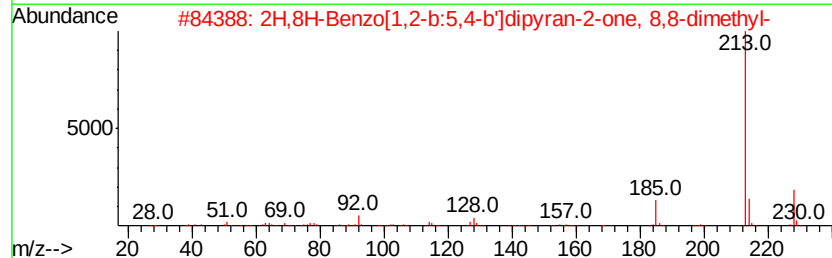
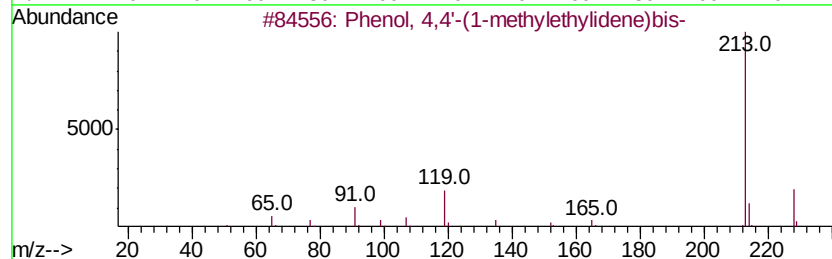
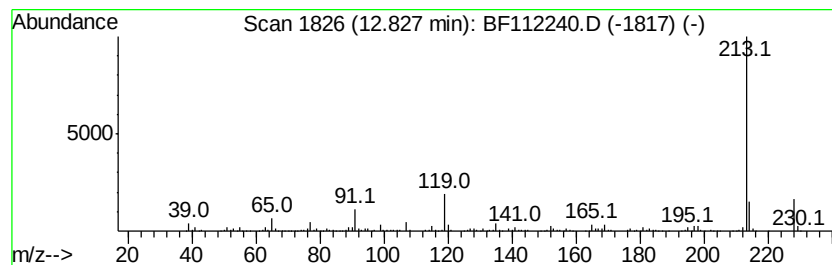
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Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	26.29 ng	1264240	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50
3		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
4		2-Trifluoromethyl-5-hydroxyquino...	213	C10H6F3NO	041958-06-9	45
5		2,5-bis(Trimethylsilyl)thiophene	228	C10H20Si2	017906-71-7	40



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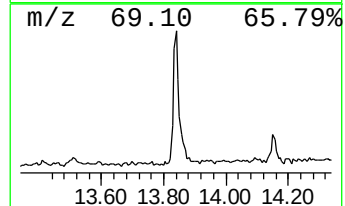
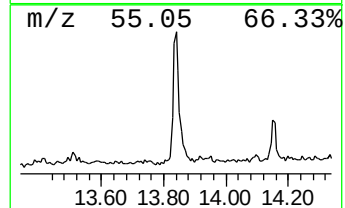
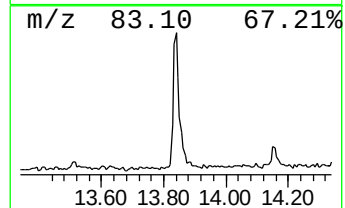
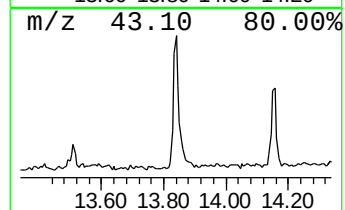
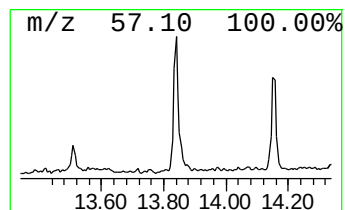
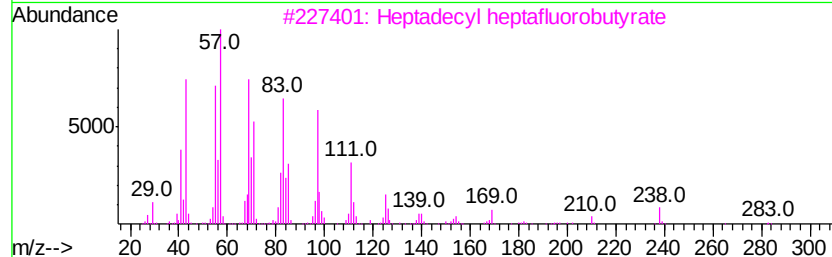
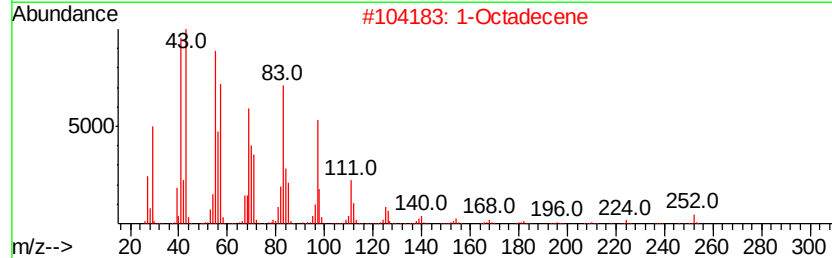
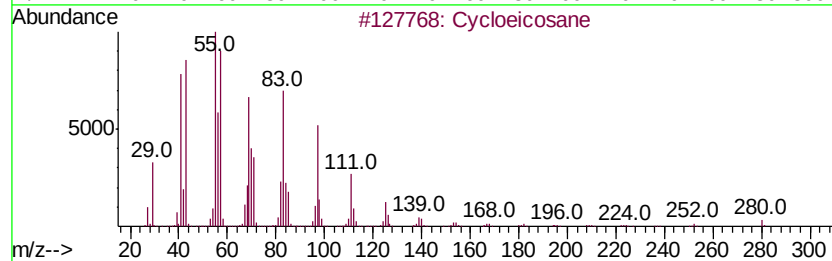
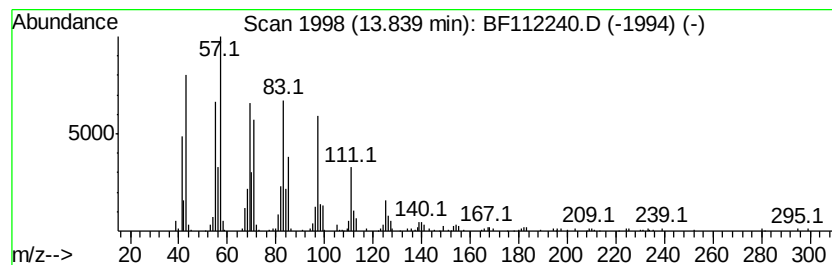
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BNA_F
ClientSampleId :
S1

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 7 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.84	9.80 ng	471268	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112240.D
Acq On : 25 Jan 2019 19:05
Operator : JU/SJ
Sample : K1238-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1

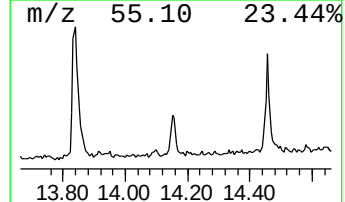
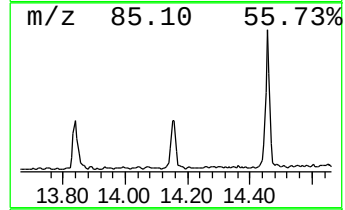
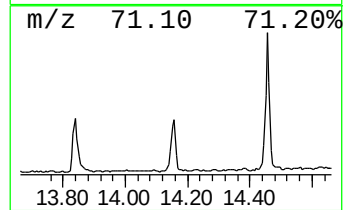
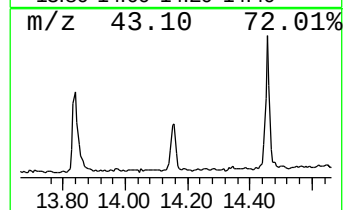
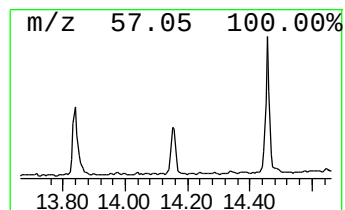
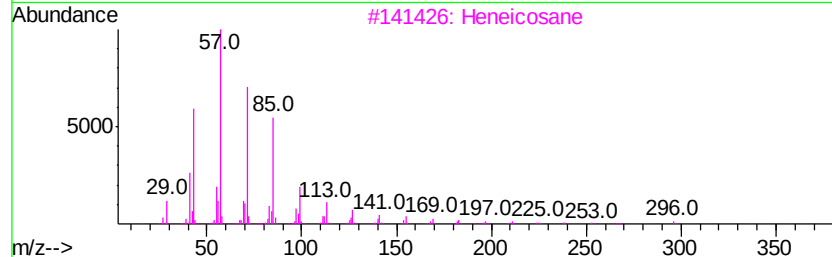
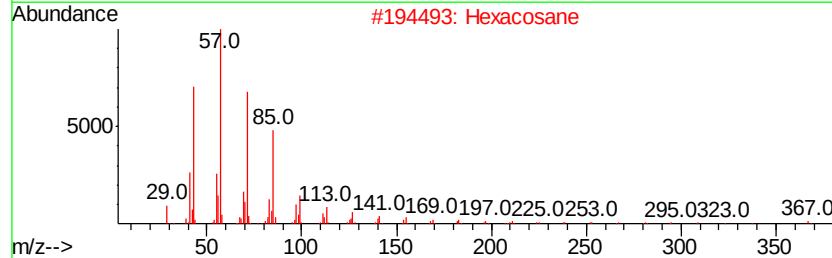
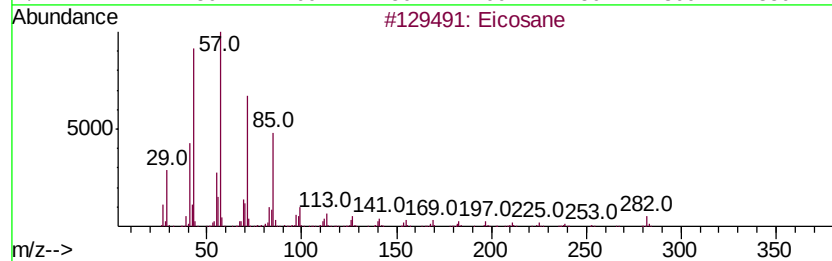
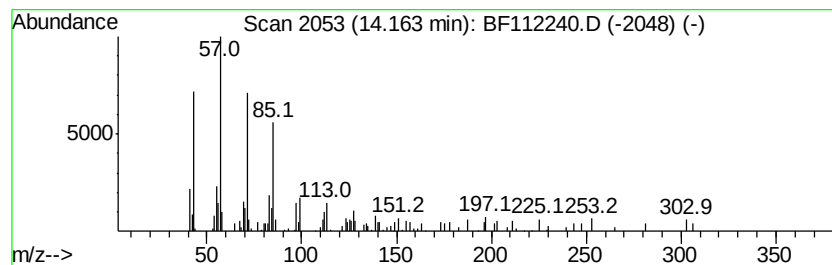
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.97 ng	142744	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112240.D
Acq On : 25 Jan 2019 19:05
Operator : JU/SJ
Sample : K1238-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

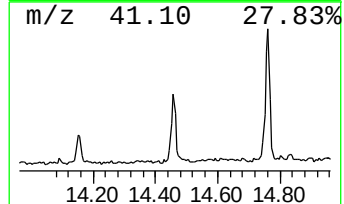
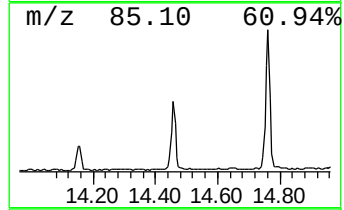
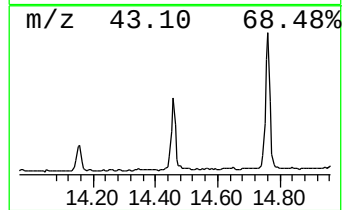
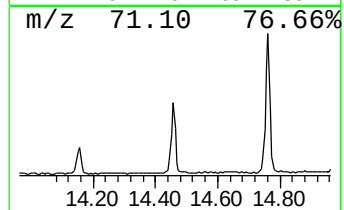
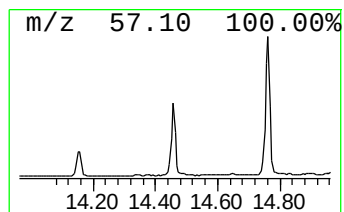
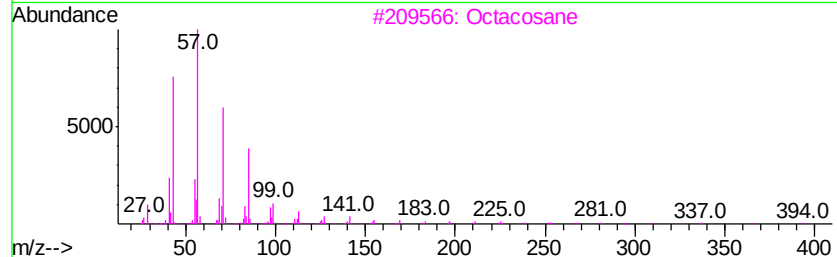
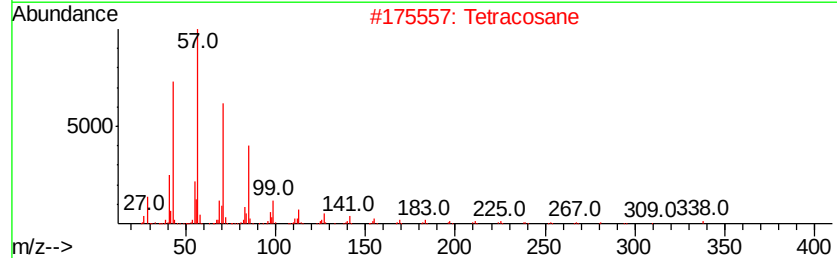
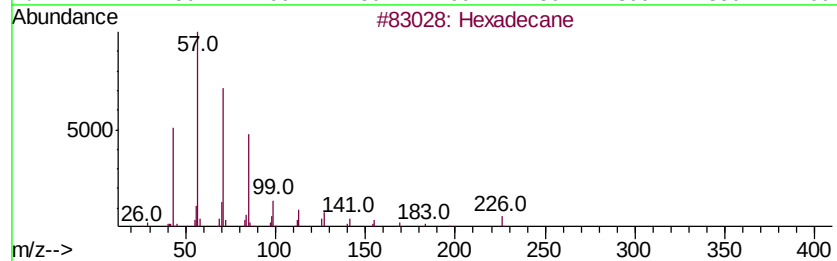
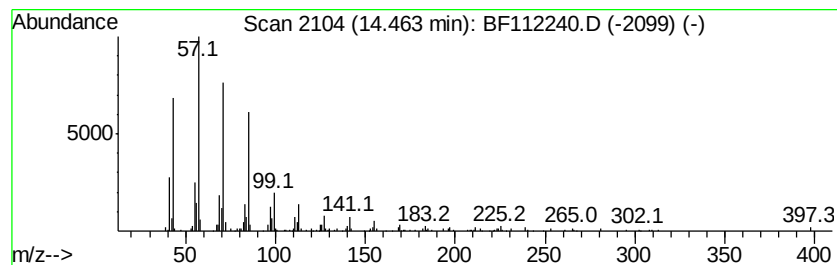
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	6.80 ng	326952	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Tetracosane	338 C24H50	000646-31-1	91
3	Octacosane	394 C28H58	000630-02-4	91
4	Hexacosane	366 C26H54	000630-01-3	91
5	Heneicosane	296 C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112240.D
Acq On : 25 Jan 2019 19:05
Operator : JU/SJ
Sample : K1238-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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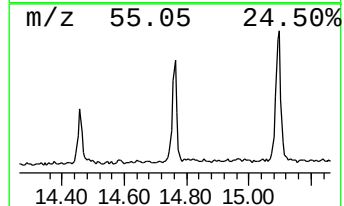
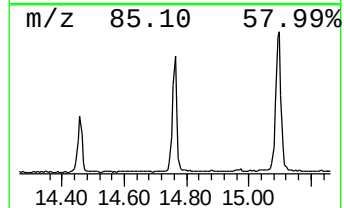
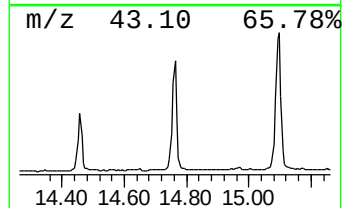
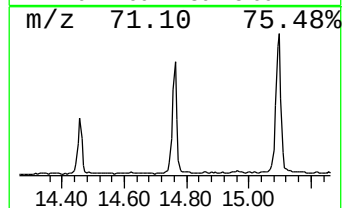
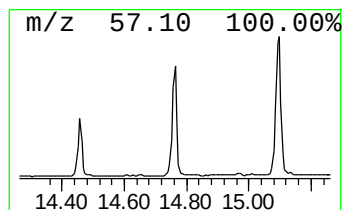
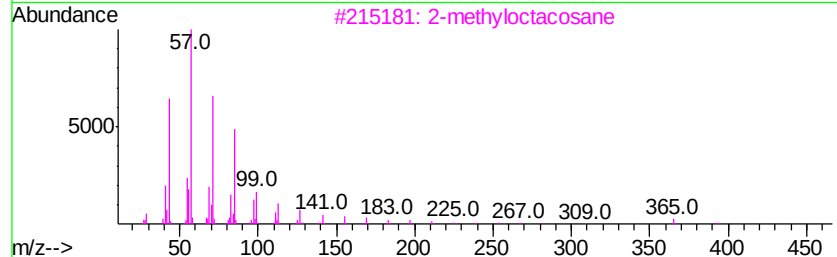
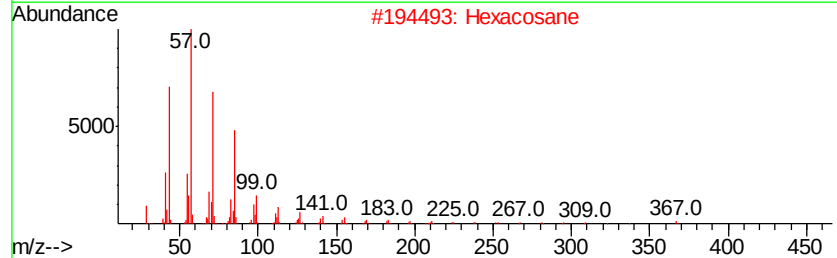
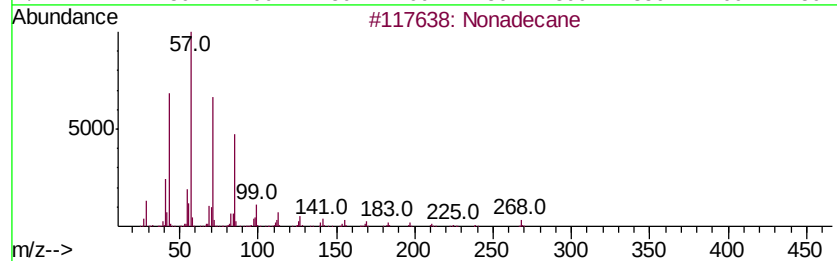
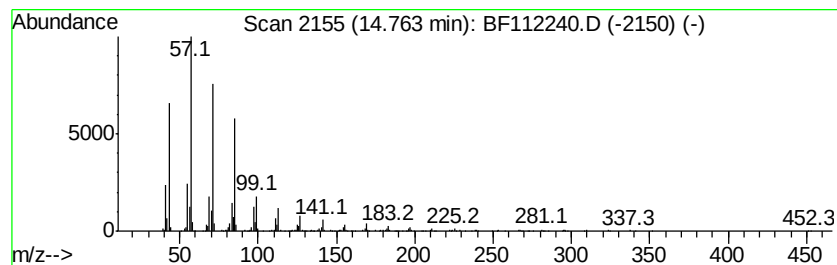
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	7.18 ng	720523	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Hexacosane	366	C26H54	000630-01-3	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112240.D
Acq On : 25 Jan 2019 19:05
Operator : JU/SJ
Sample : K1238-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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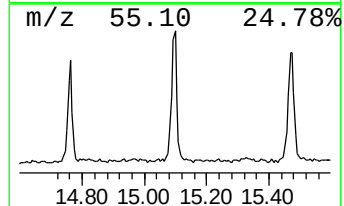
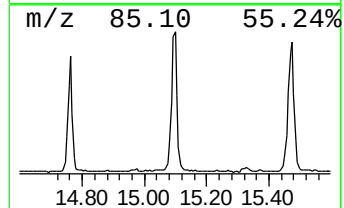
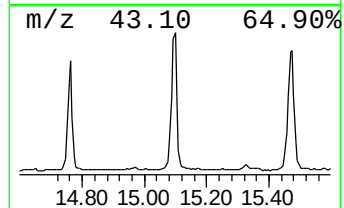
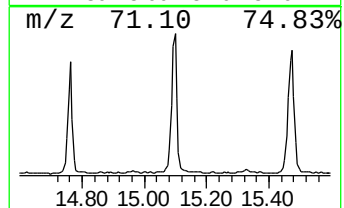
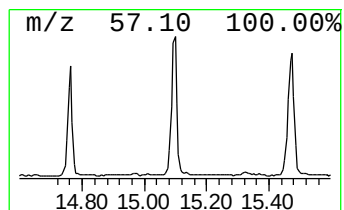
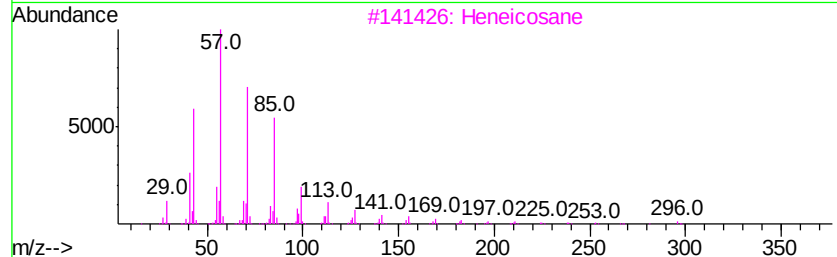
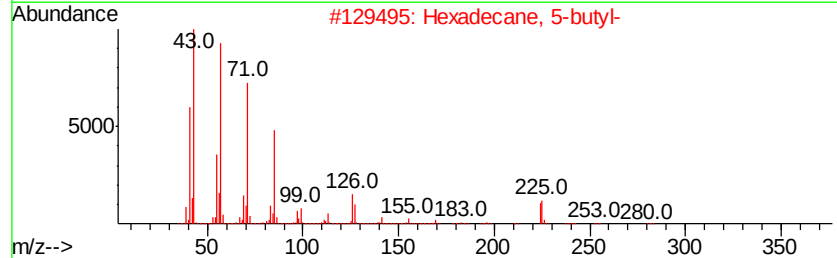
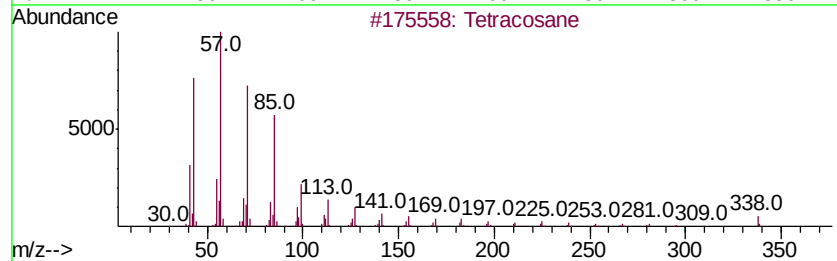
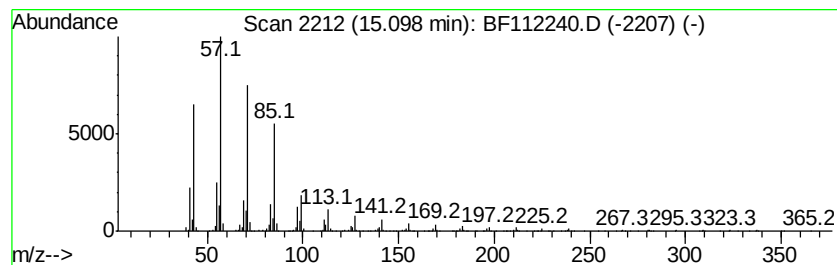
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	10.62 ng	1065020	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	97
2		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112240.D
Acq On : 25 Jan 2019 19:05
Operator : JU/SJ
Sample : K1238-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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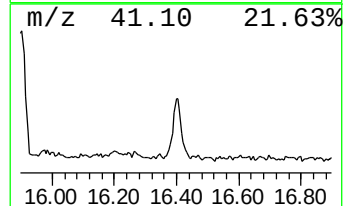
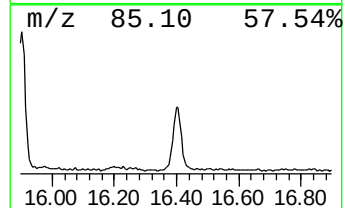
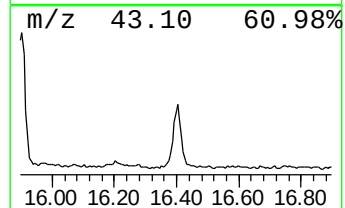
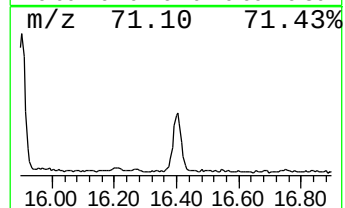
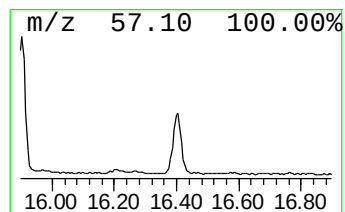
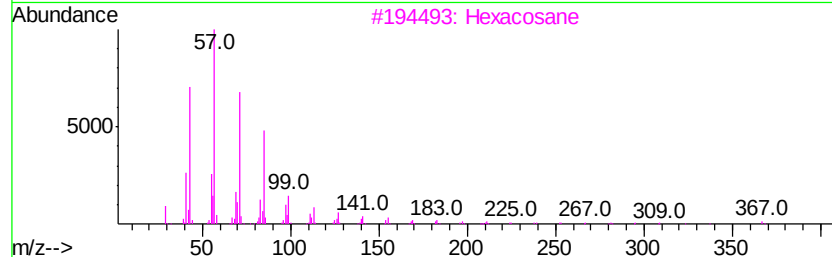
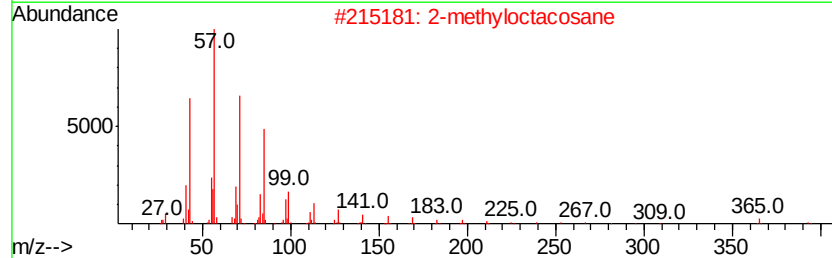
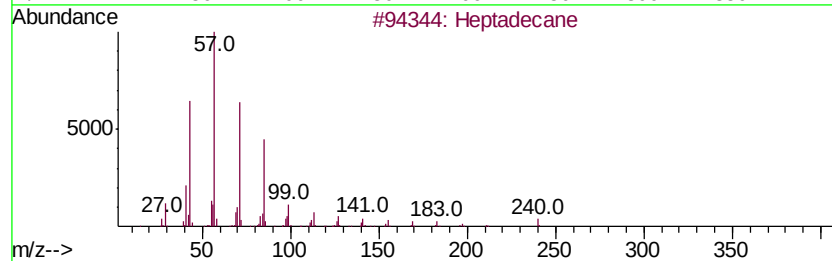
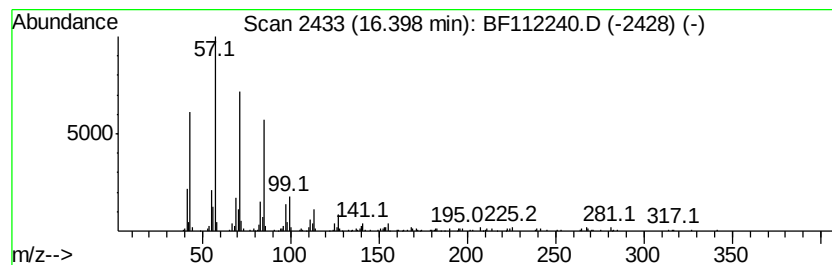
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	4.54 ng	455146	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112240.D
Acq On : 25 Jan 2019 19:05
Operator : JU/SJ
Sample : K1238-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.16	3.6	ng	183887	1	6.84	1006460	20.0
2-Pentanone, 4-hy...	5.07	3.4	ng	171997	1	6.84	1006460	20.0
unknown6.62	6.62	97.0	ng	4878670	1	6.84	1006460	20.0
n-Hexadecanoic acid	11.89	2.6	ng	164815	4	11.36	1253590	20.0
Phenol, 4,4'-(1-m...	12.83	26.3	ng	1264240	5	14.00	961642	20.0
Cycloeicosane	13.84	9.8	ng	471268	5	14.00	961642	20.0
Eicosane	14.16	3.0	ng	142744	5	14.00	961642	20.0
Hexadecane	14.46	6.8	ng	326952	5	14.00	961642	20.0
Nonadecane	14.76	7.2	ng	720523	6	15.47	2006240	20.0
Tetracosane	15.10	10.6	ng	1065020	6	15.47	2006240	20.0
Heptadecane	16.40	4.5	ng	455146	6	15.47	2006240	20.0