

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
 Data File : BF112582.D
 Acq On : 15 Feb 2019 16:52
 Operator : JU/SJ
 Sample : K1502-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

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	5.051	499	504	514	rBV	89288	141385	2.81%	0.327%
2	5.469	571	575	612	rBV	2473987	2977544	59.26%	6.882%
3	6.487	743	748	765	rBV	2730239	3172932	63.15%	7.333%
4	6.610	765	769	778	rVV	3372220	3297527	65.63%	7.621%
5	6.828	803	806	815	rVB	497257	433314	8.62%	1.001%
6	6.987	829	833	837	rBV	2735160	2547587	50.70%	5.888%
7	7.398	898	903	906	rBV	2079530	1942196	38.66%	4.489%
8	8.116	1021	1025	1037	rVB	559732	558495	11.12%	1.291%
9	9.192	1203	1208	1211	rBV	4217875	4086657	81.34%	9.445%
10	9.580	1270	1274	1279	rBV	251709	209526	4.17%	0.484%
11	9.869	1319	1323	1331	rVB2	778570	681601	13.57%	1.575%
12	10.627	1435	1452	1454	rBV8	32854	121848	2.43%	0.282%
13	10.669	1454	1459	1462	rBV	3083522	2956234	58.84%	6.832%
14	10.798	1479	1481	1491	rVB4	40105	59555	1.19%	0.138%
15	11.016	1514	1518	1527	rVB3	54698	83771	1.67%	0.194%
16	11.363	1573	1577	1582	rBV	842283	758138	15.09%	1.752%
17	11.886	1660	1666	1679	rBV	1171220	1526505	30.38%	3.528%
18	12.039	1688	1692	1695	rBV2	101079	146769	2.92%	0.339%
19	12.569	1770	1782	1792	rBV3	318183	1096006	21.81%	2.533%
20	12.669	1793	1799	1810	rVV	826061	963613	19.18%	2.227%
21	12.951	1841	1847	1850	rBV	5069377	5024356	100.00%	11.612%
22	13.445	1922	1931	1937	rBV	594124	1139857	22.69%	2.634%
23	13.827	1993	1996	2001	rBV	233294	280543	5.58%	0.648%
24	14.010	2023	2027	2033	rBV	925632	862702	17.17%	1.994%
25	14.092	2035	2041	2047	rBV	646006	1148033	22.85%	2.653%
26	14.145	2047	2050	2053	rVB	196377	177901	3.54%	0.411%
27	14.451	2097	2102	2107	rBV	422320	494627	9.84%	1.143%
28	14.621	2125	2131	2138	rBV	577193	974424	19.39%	2.252%
29	14.757	2149	2154	2158	rVB	584850	656223	13.06%	1.517%
30	15.086	2205	2210	2214	rBV	742144	901617	17.94%	2.084%
31	15.168	2219	2224	2233	rVB	283190	514839	10.25%	1.190%
32	15.462	2268	2274	2277	rBV	658036	979205	19.49%	2.263%
33	15.492	2277	2279	2287	rVB2	581909	648325	12.90%	1.498%
34	15.798	2325	2331	2338	rVB3	88630	198773	3.96%	0.459%

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

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

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35	15.892	2341	2347	2353	rVB	522819	807686	16.08%	1.867%
36	16.392	2426	2432	2445	rVB	264891	517425	10.30%	1.196%
37	16.968	2526	2530	2537	rVB3	87043	179745	3.58%	0.415%

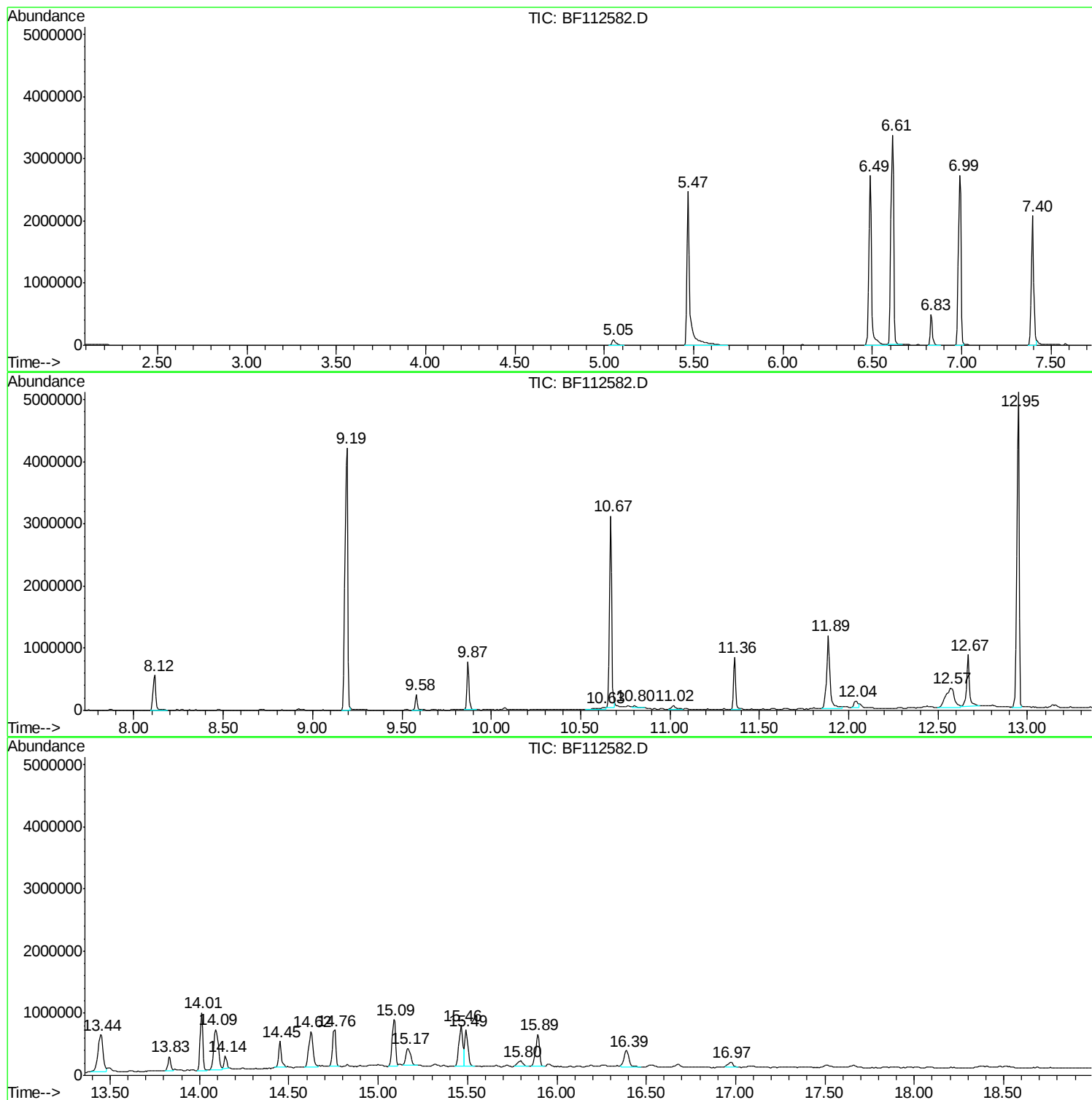
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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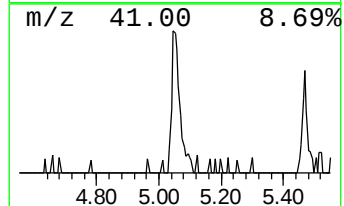
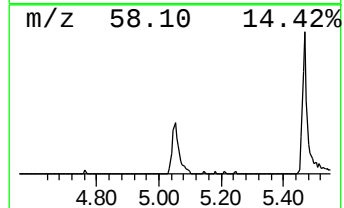
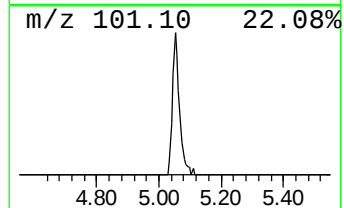
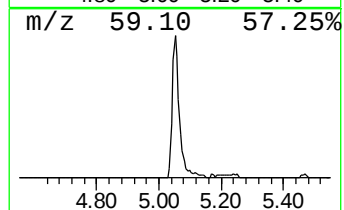
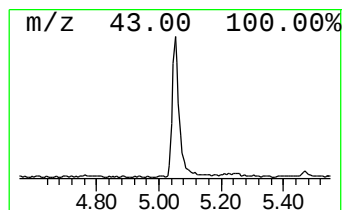
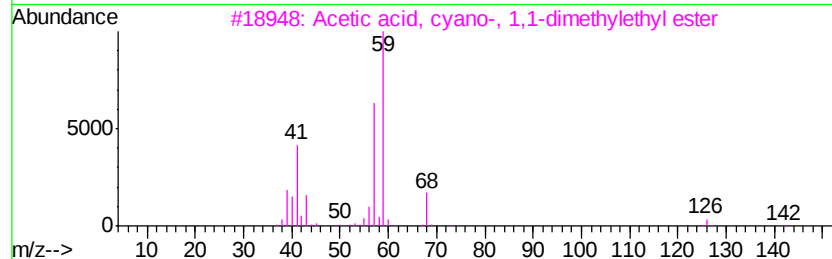
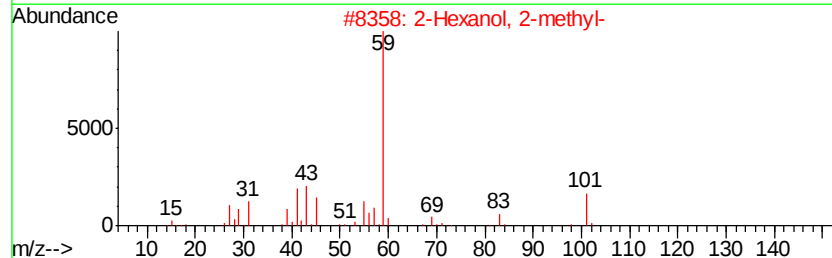
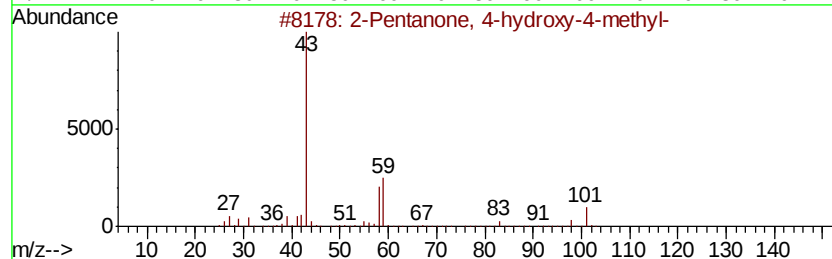
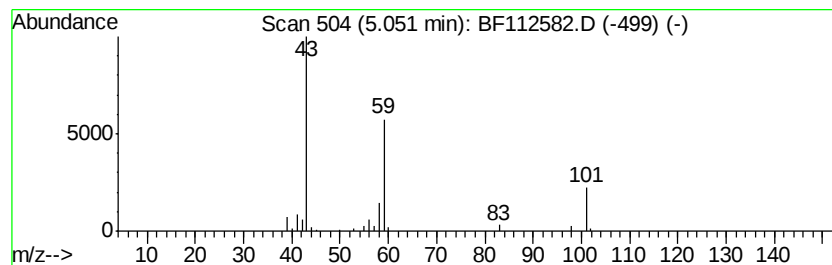
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	6.53 ng	141385	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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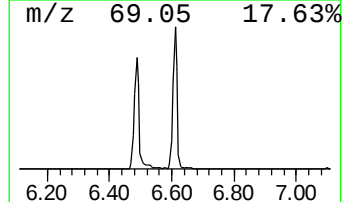
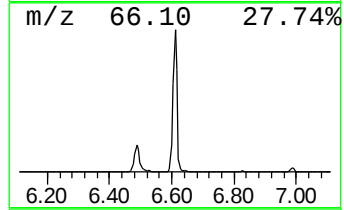
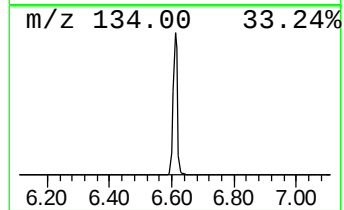
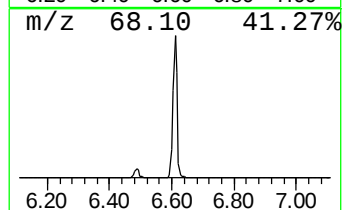
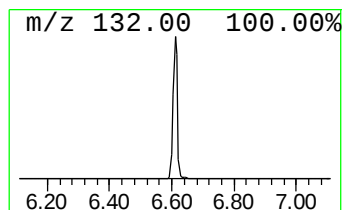
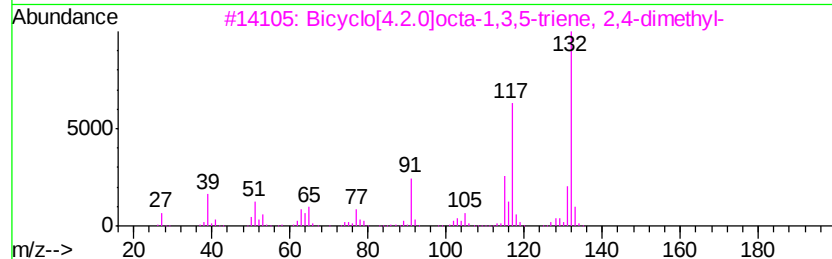
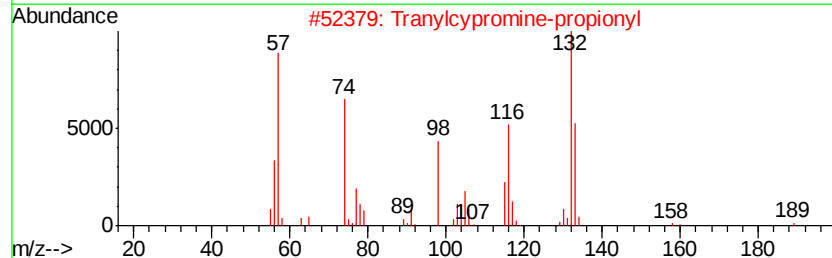
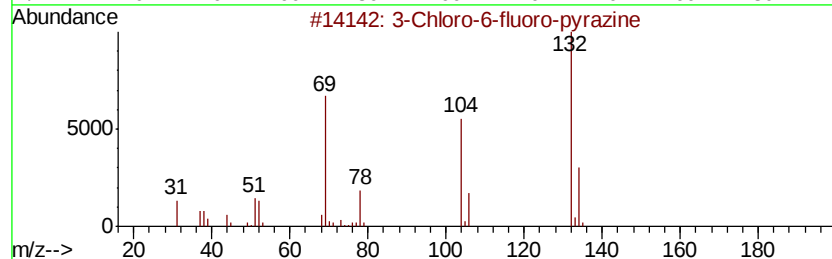
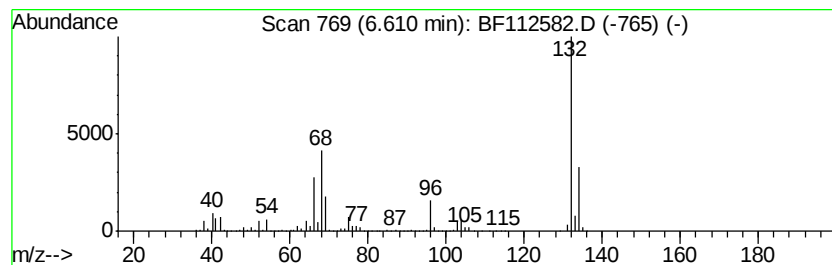
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	152.20 ng	3297530	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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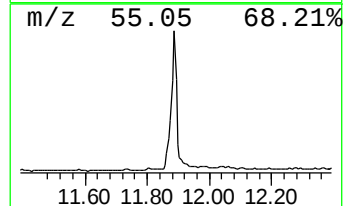
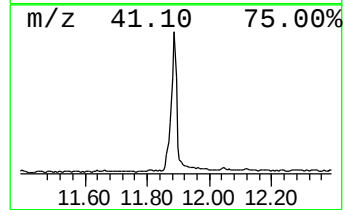
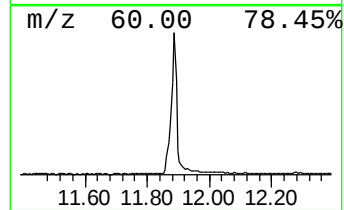
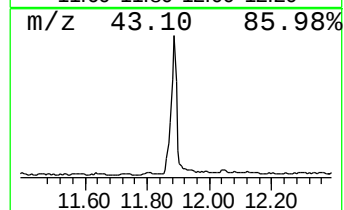
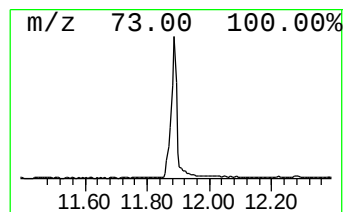
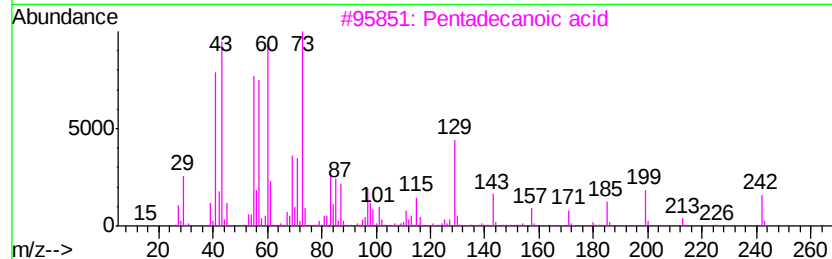
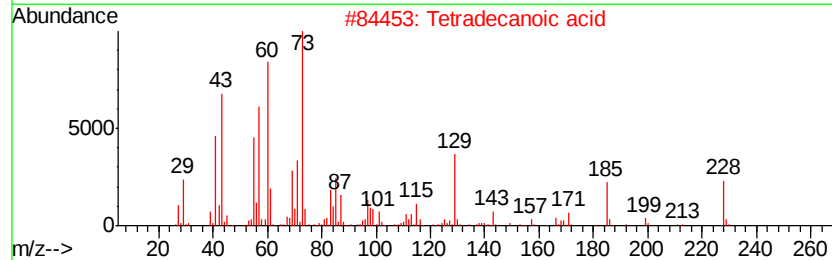
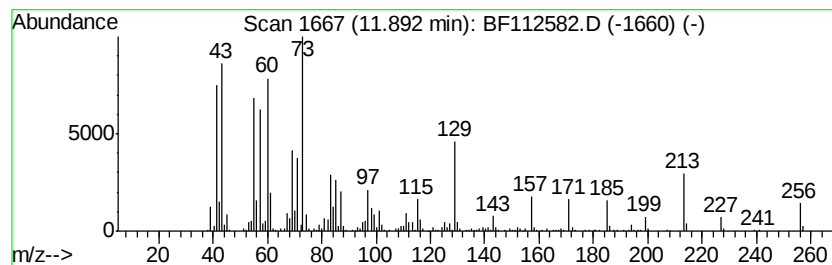
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	40.27 ng	1526510	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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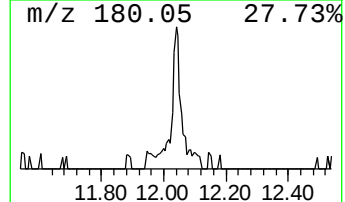
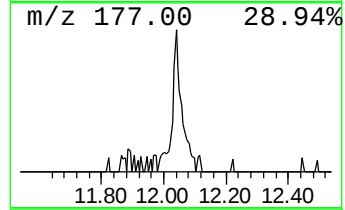
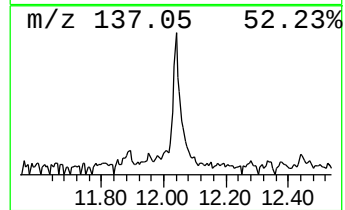
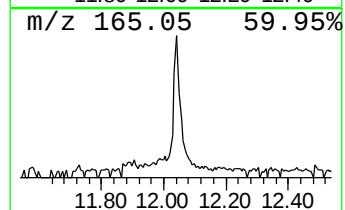
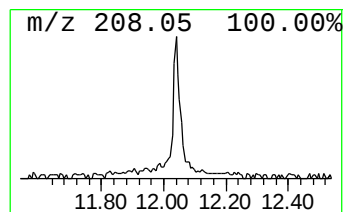
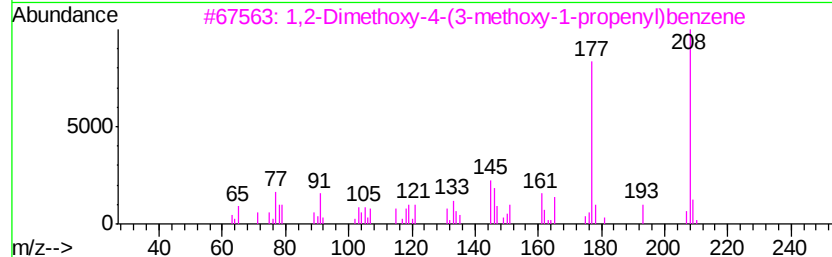
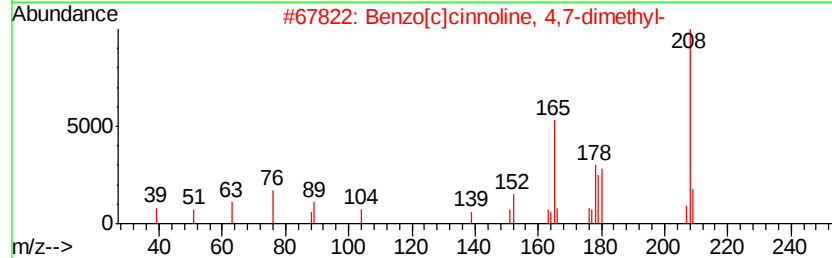
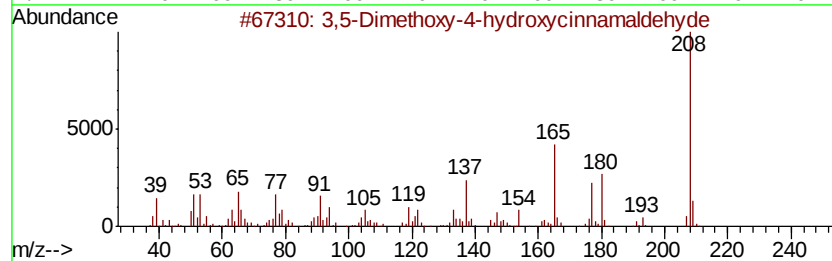
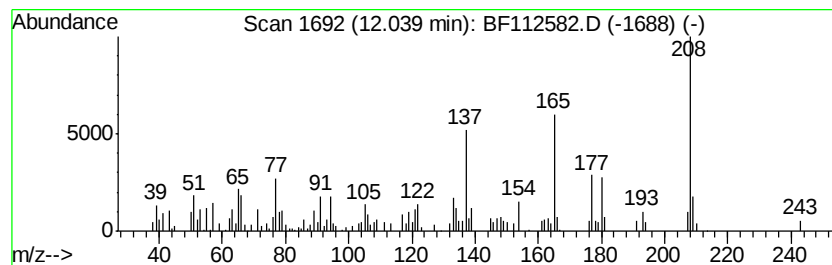
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.87 ng	146769	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethoxy-4-hydroxycinnamaldehyde	208	C11H12O4	087345-53-7	96
2		Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	64
3		1,2-Dimethoxy-4-(3-methoxy-1-propenyl)benzene	208	C12H16O3	1000313-35-0	50
4		5,6,7,8-Tetrahydro-1-phenyl-naphthalene	208	C16H16	067064-63-5	49
5		Benzenamide, N-cyano-3,4,5-trimethoxy-	208	C10H12N2O3	055305-77-6	49



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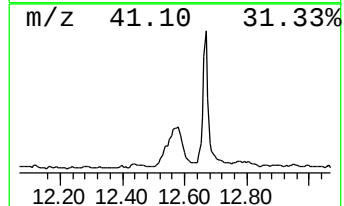
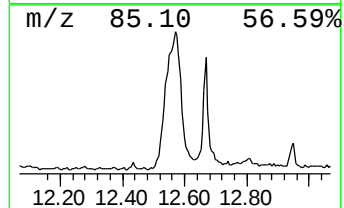
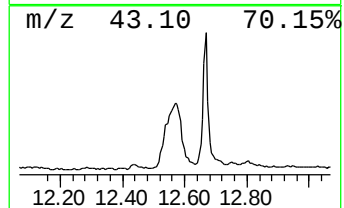
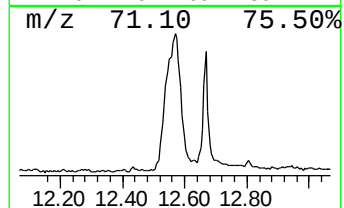
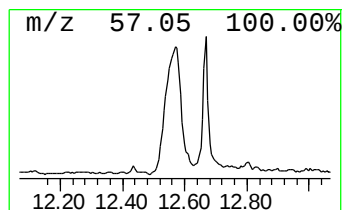
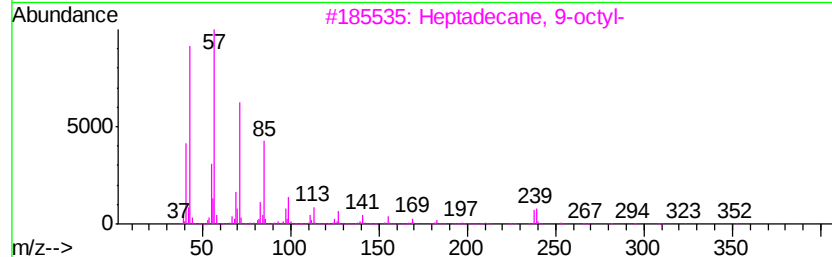
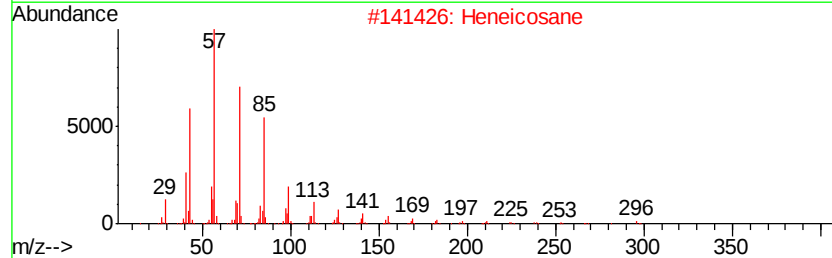
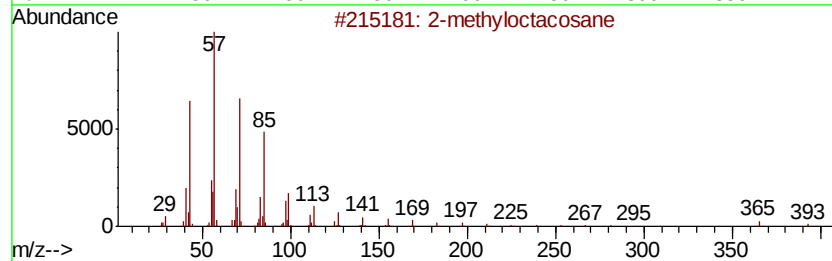
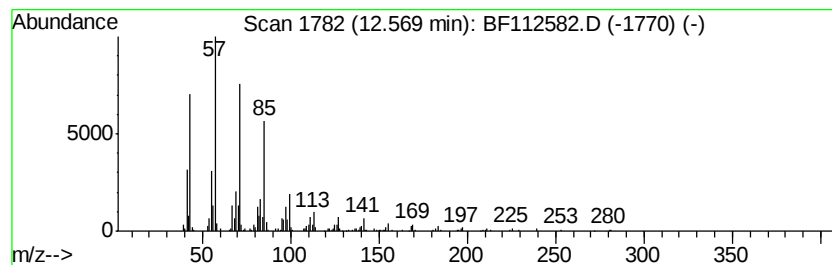
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Peak Number 6 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	28.91 ng	1096010	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Hexacosane		366	C26H54	000630-01-3	90
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112582.D
Acq On : 15 Feb 2019 16:52
Operator : JU/SJ
Sample : K1502-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

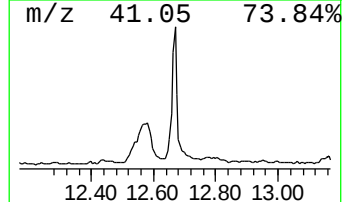
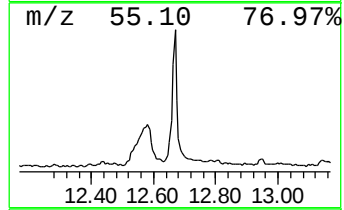
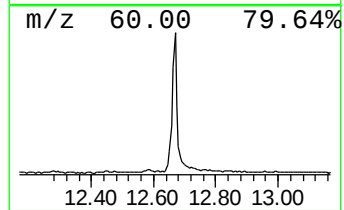
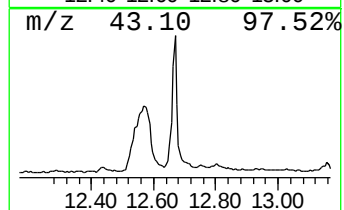
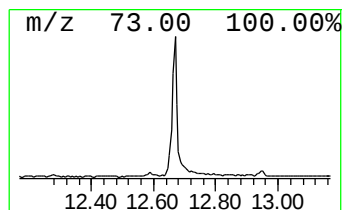
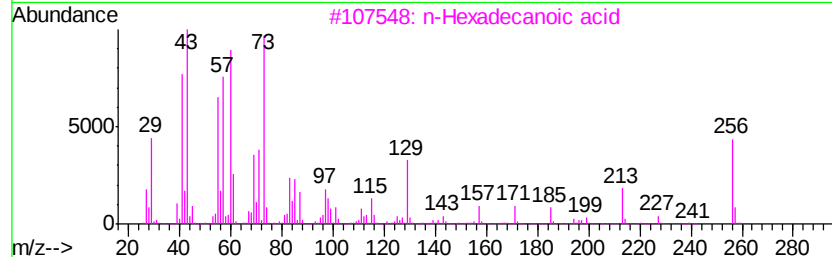
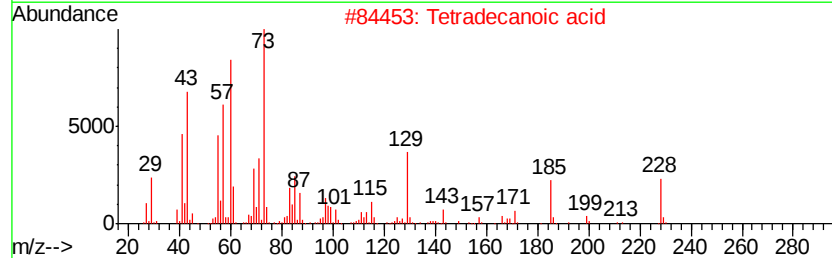
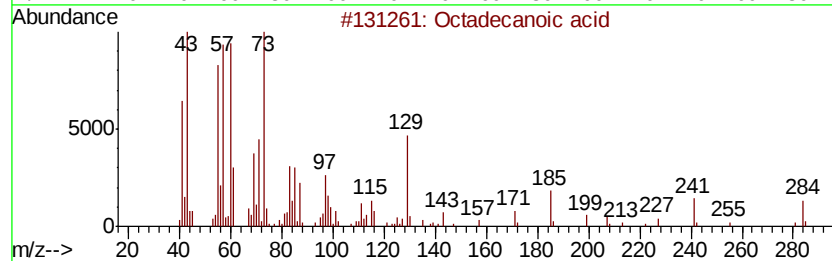
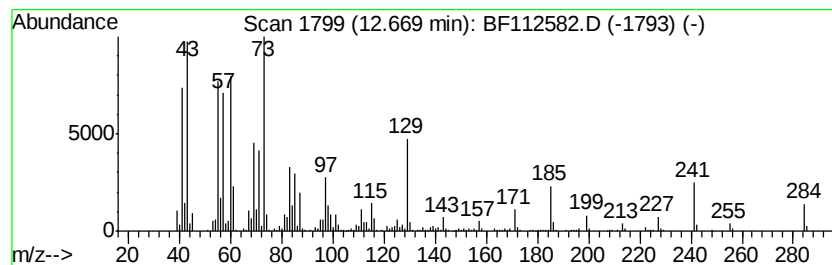
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	25.42 ng	963613	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112582.D
Acq On : 15 Feb 2019 16:52
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ClientSampleId :
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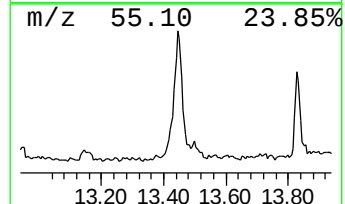
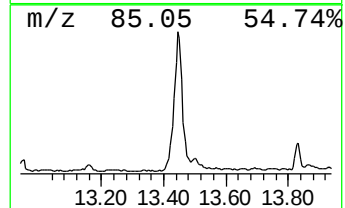
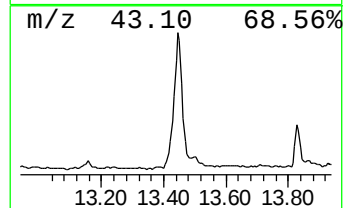
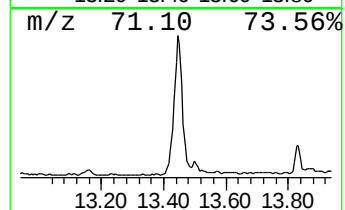
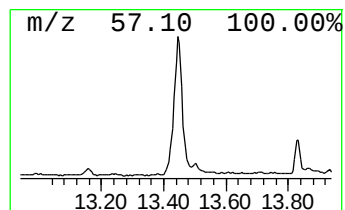
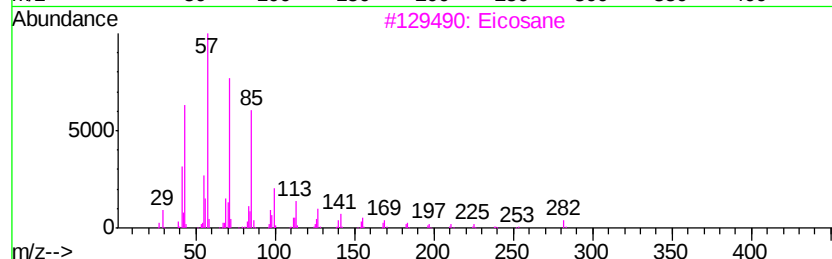
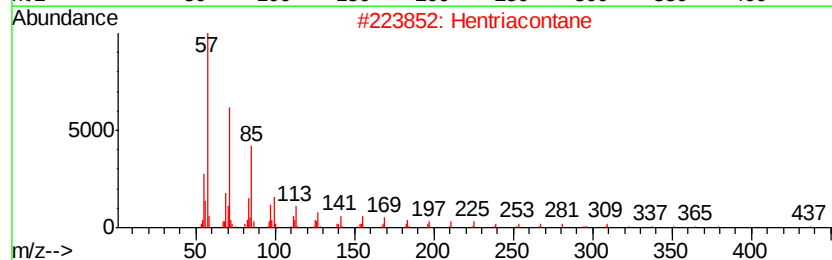
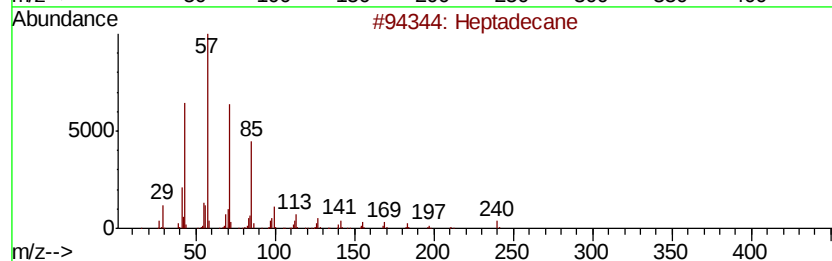
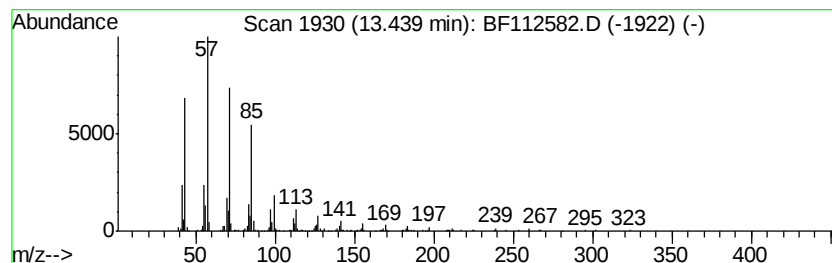
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	26.43 ng	1139860	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Eicosane		282	C20H42	000112-95-8	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112582.D
Acq On : 15 Feb 2019 16:52
Operator : JU/SJ
Sample : K1502-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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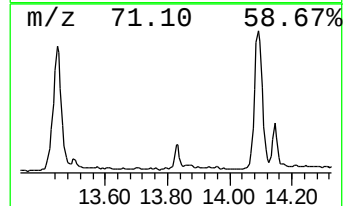
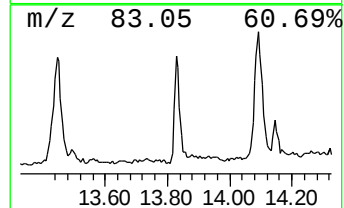
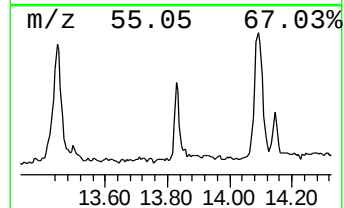
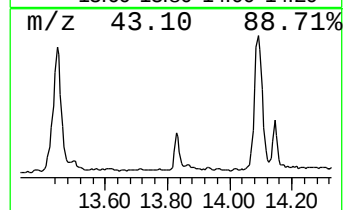
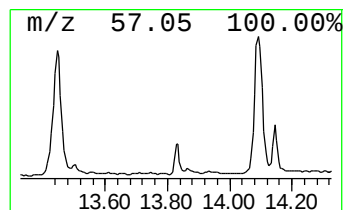
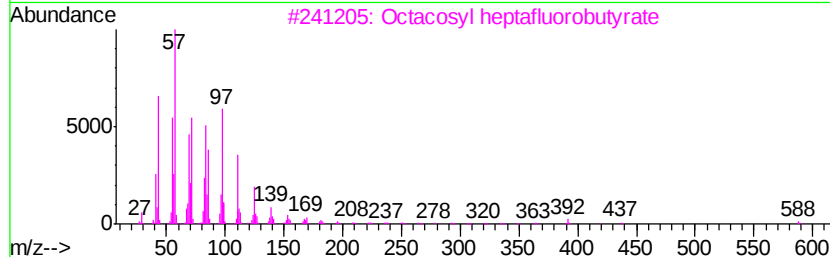
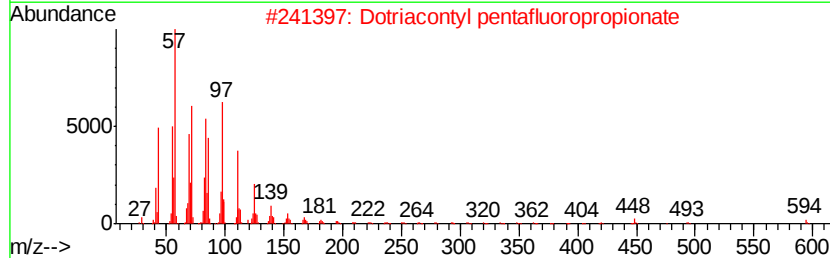
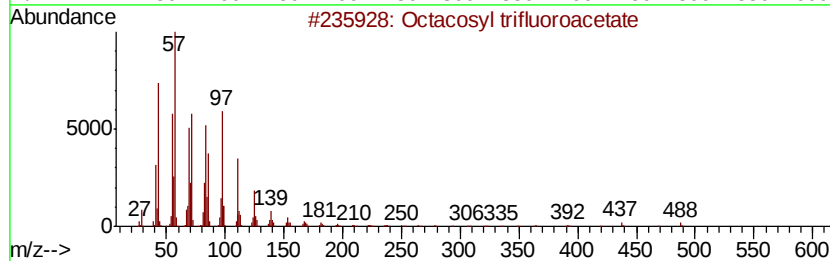
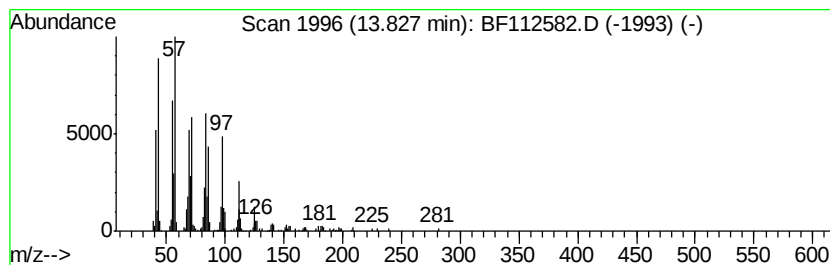
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosyl trifluoroacetate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.50 ng	280543	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
3		Octacosyl heptafluorobutvrate	606	C32H57F7O2	1000351-83-6	91
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
Data File : BF112582.D
Acq On : 15 Feb 2019 16:52
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Sample : K1502-01
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ClientSampleId :
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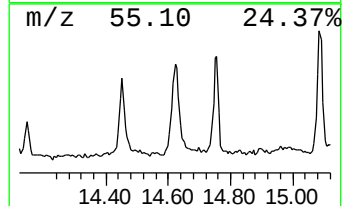
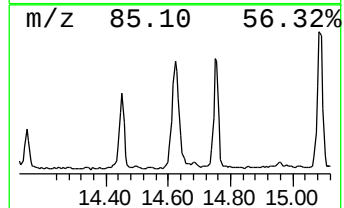
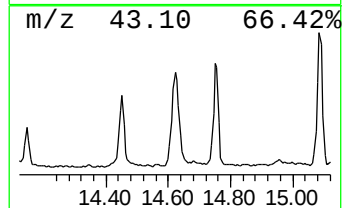
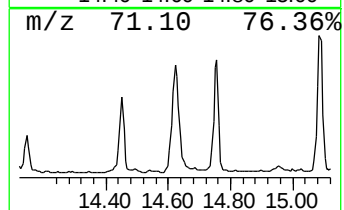
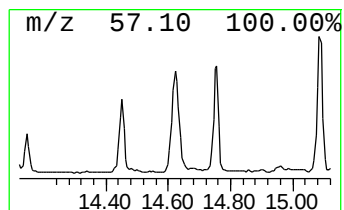
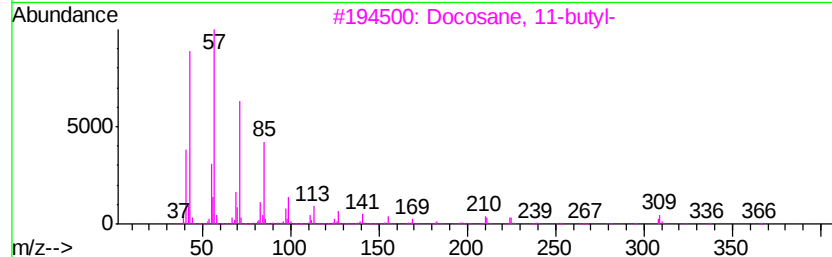
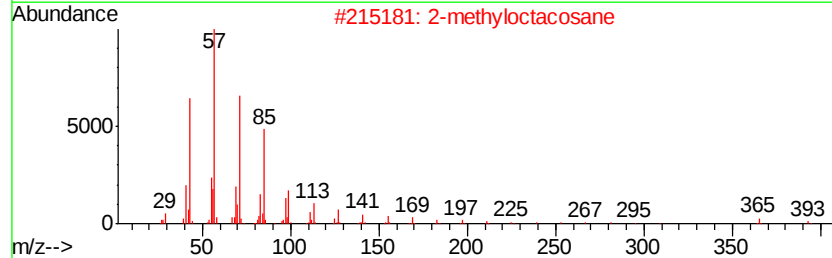
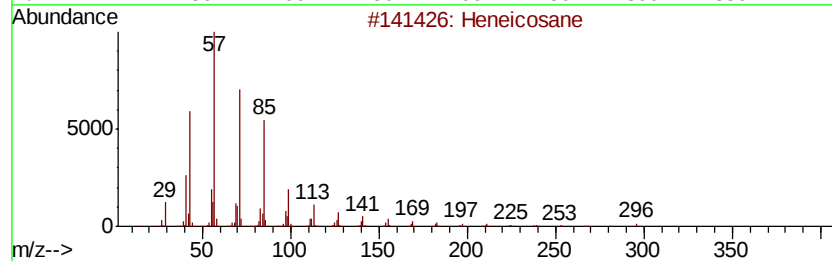
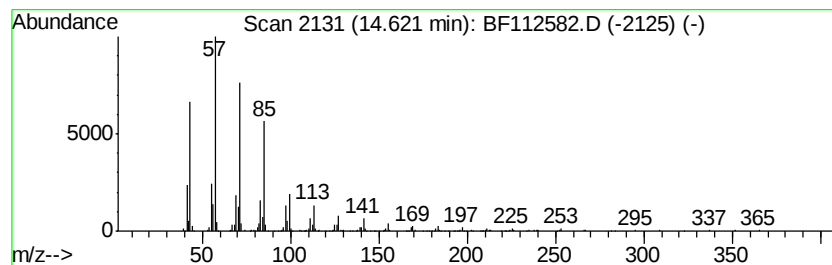
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	22.59 ng	974424	Chrysene-d12	14.01

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		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		2-methylhexacosane	380	C27H56	1000376-72-7	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
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Sample : K1502-01
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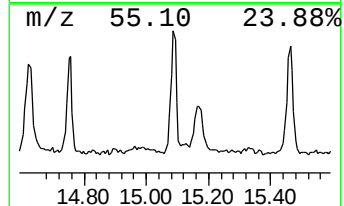
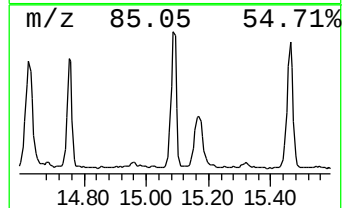
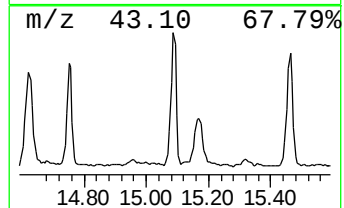
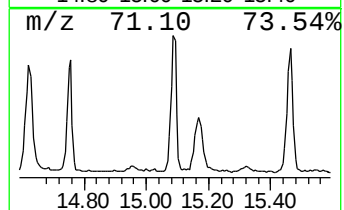
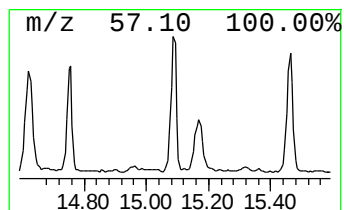
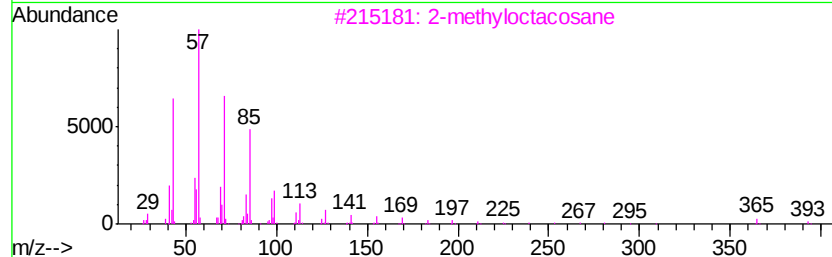
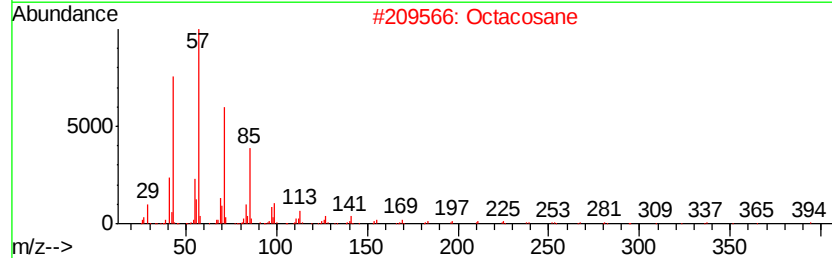
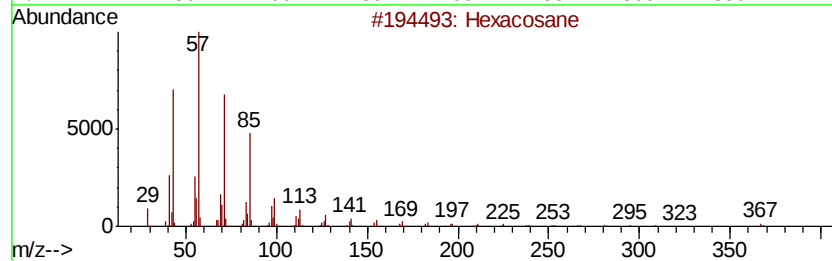
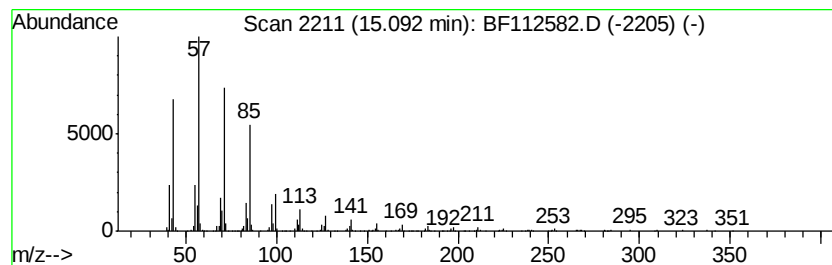
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	27.81 ng	901617	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	94
2	Octacosane	394 C28H58	000630-02-4	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Heneicosane	296 C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
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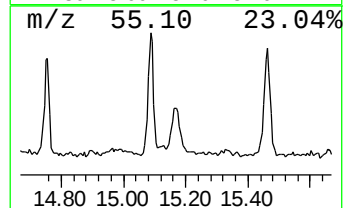
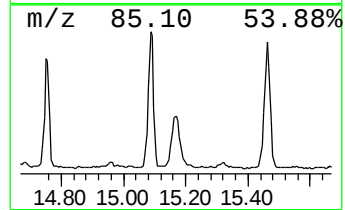
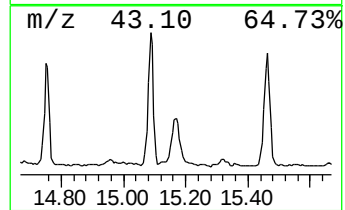
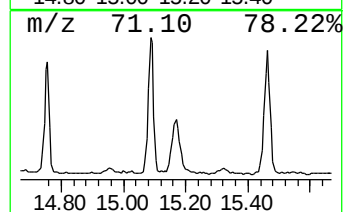
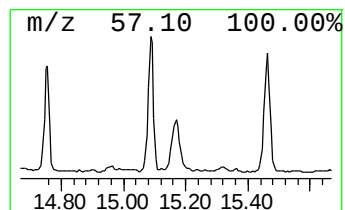
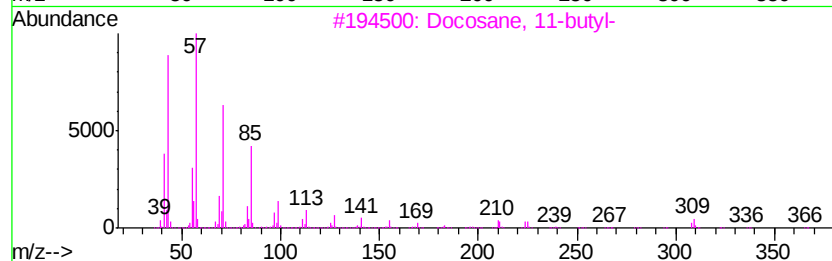
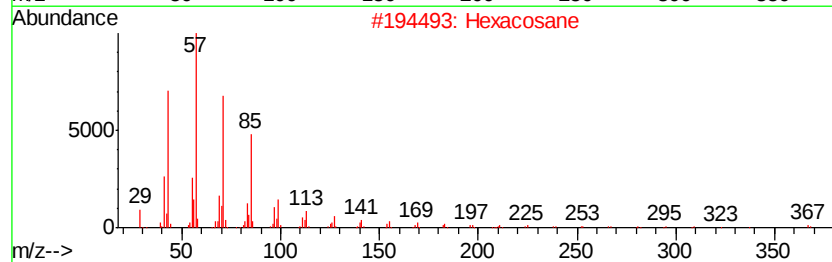
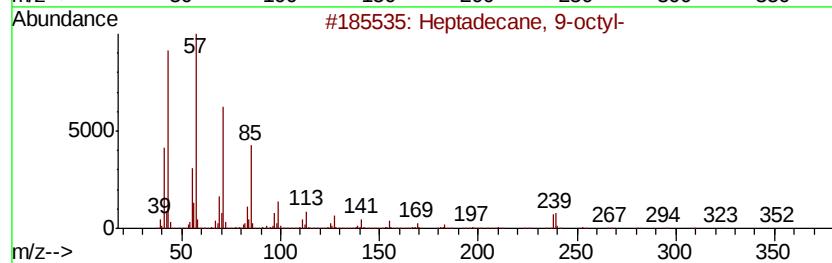
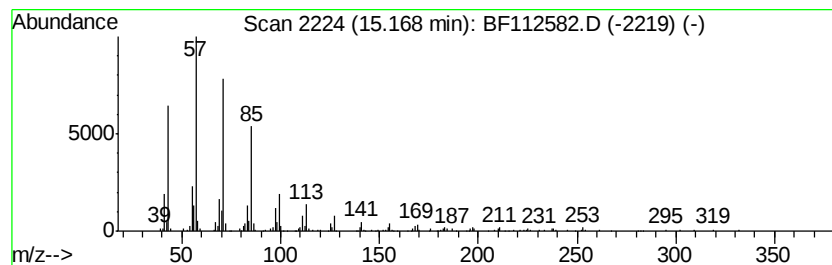
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	15.88 ng	514839	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
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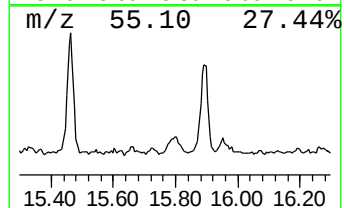
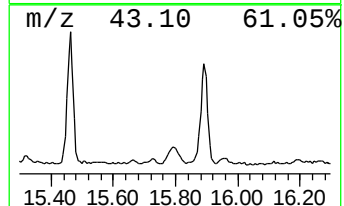
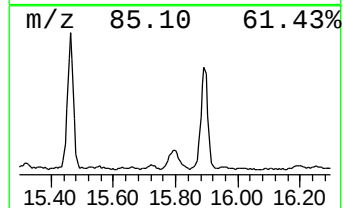
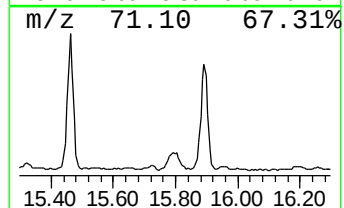
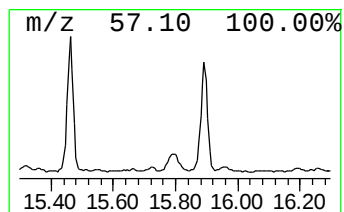
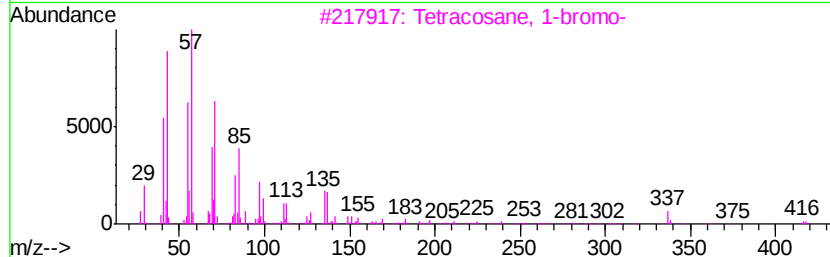
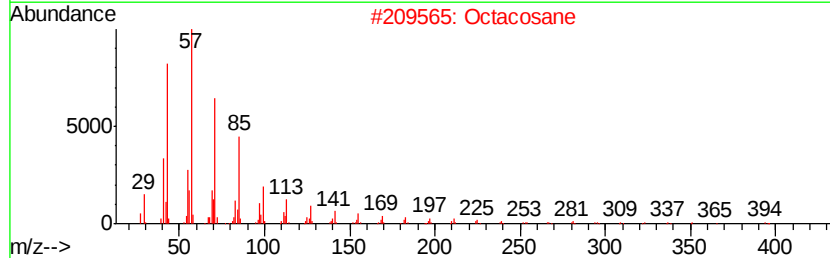
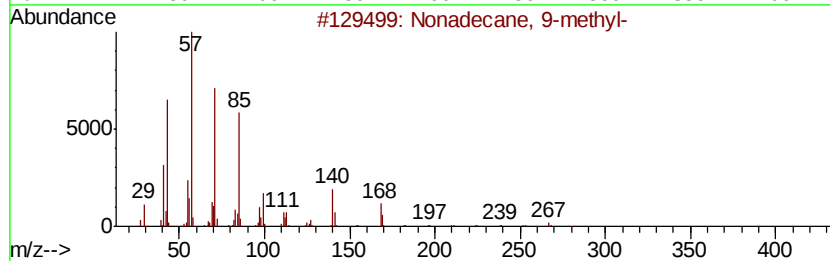
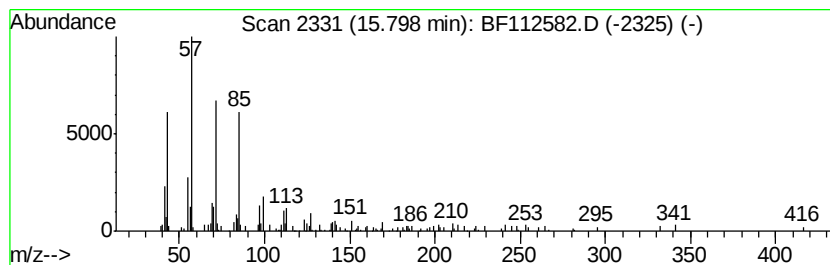
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	6.13 ng	198773	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	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\BF021519\
Data File : BF112582.D
Acq On : 15 Feb 2019 16:52
Operator : JU/SJ
Sample : K1502-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-4

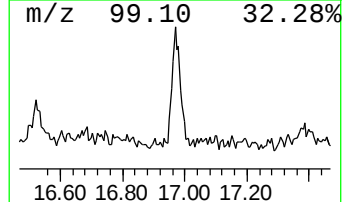
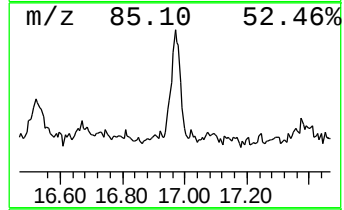
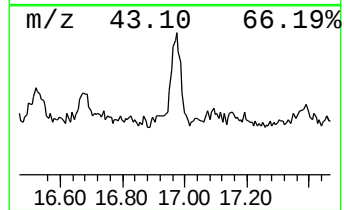
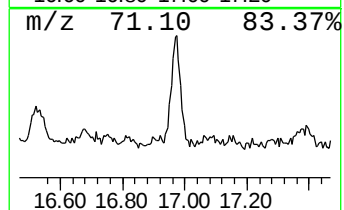
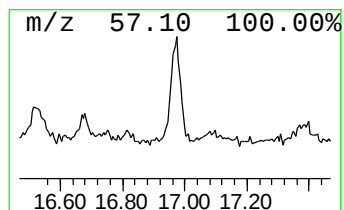
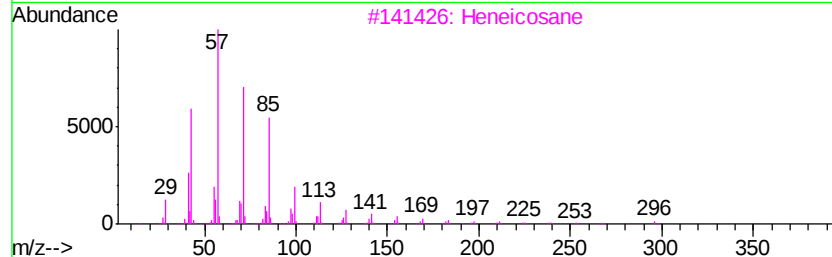
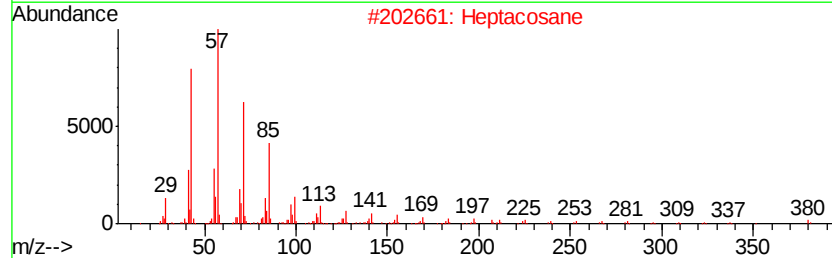
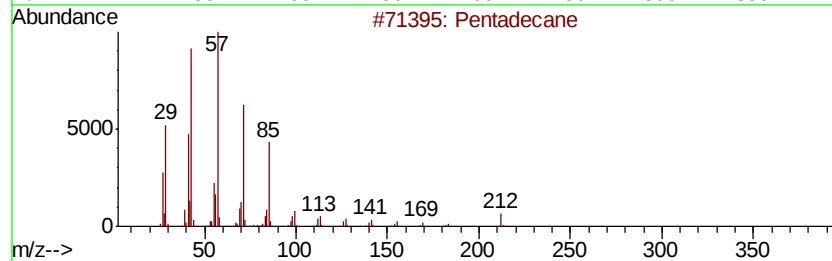
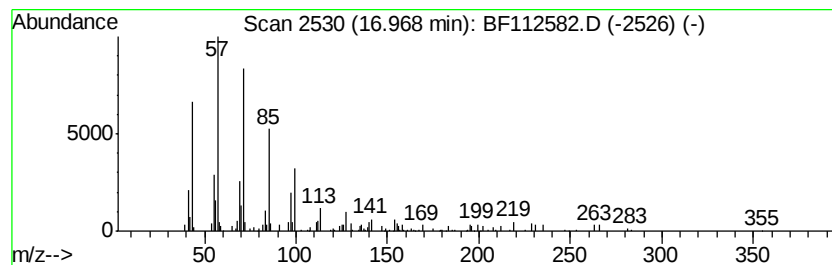
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	5.54 ng	179745	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	81
2			Heptacosane	380	C27H56	000593-49-7	80
3			Heneicosane	296	C21H44	000629-94-7	74
4			Hexacosane	366	C26H54	000630-01-3	74
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
 Data File : BF112582.D
 Acq On : 15 Feb 2019 16:52
 Operator : JU/SJ
 Sample : K1502-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

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
2-Pentanone, 4-hy...	5.05	6.5	ng	141385	1	6.83	433314	20.0
unknown6.61	6.61	152.2	ng	3297530	1	6.83	433314	20.0
n-Hexadecanoic acid	11.89	40.3	ng	1526510	4	11.36	758138	20.0
3,5-Dimethoxy-4-h...	12.04	3.9	ng	146769	4	11.36	758138	20.0
2-methyloctacosane	12.57	28.9	ng	1096010	4	11.36	758138	20.0
Octadecanoic acid	12.67	25.4	ng	963613	4	11.36	758138	20.0
Heptadecane	13.44	26.4	ng	1139860	5	14.01	862702	20.0
Octacosyl trifluo...	13.83	6.5	ng	280543	5	14.01	862702	20.0
Heneicosane	14.62	22.6	ng	974424	5	14.01	862702	20.0
Hexacosane	15.09	27.8	ng	901617	6	15.49	648325	20.0
Heptadecane, 9-oc...	15.17	15.9	ng	514839	6	15.49	648325	20.0
Nonadecane, 9-met...	15.80	6.1	ng	198773	6	15.49	648325	20.0
Pentadecane	16.97	5.5	ng	179745	6	15.49	648325	20.0