

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
 Data File : BF106770.D
 Acq On : 25 Jun 2018 14:36
 Operator : JU/SJ
 Sample : J3627-35
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

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-BF061918.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	5.190	482	485	489	rBV	35231	36962	2.33%	0.309%
2	5.601	551	555	566	rVB	647194	595379	37.49%	4.974%
3	6.601	721	725	731	rBV	414268	398122	25.07%	3.326%
4	6.737	744	748	751	rBV	1169034	1054542	66.40%	8.810%
5	6.960	782	786	789	rBV	353302	302048	19.02%	2.523%
6	7.007	792	794	799	rVB2	22835	22700	1.43%	0.190%
7	7.119	808	813	816	rBV	1074536	1030780	64.90%	8.611%
8	7.495	874	877	878	rBV	36563	30796	1.94%	0.257%
9	7.525	878	882	885	rVB	862997	856927	53.96%	7.159%
10	8.242	1000	1004	1007	rBV	471761	378186	23.81%	3.159%
11	8.525	1049	1052	1058	rVB	24457	25504	1.61%	0.213%
12	8.942	1118	1123	1130	rBV	65095	72536	4.57%	0.606%
13	9.019	1131	1136	1139	rBV	476470	471862	29.71%	3.942%
14	9.213	1165	1169	1171	rBV	51885	53766	3.39%	0.449%
15	9.319	1182	1187	1190	rBV	1651652	1588148	100.00%	13.268%
16	9.707	1249	1253	1256	rBV	60129	48772	3.07%	0.407%
17	9.736	1256	1258	1260	rVB	49082	32237	2.03%	0.269%
18	9.907	1284	1287	1292	rVB	22924	17783	1.12%	0.149%
19	10.001	1299	1303	1307	rBV	525216	443822	27.95%	3.708%
20	10.407	1370	1372	1375	rVB	33884	25450	1.60%	0.213%
21	10.501	1385	1388	1393	rVB	33820	31535	1.99%	0.263%
22	10.795	1434	1438	1442	rBV	993897	994895	62.64%	8.312%
23	10.883	1450	1453	1457	rBV	29462	29020	1.83%	0.242%
24	11.495	1553	1557	1560	rBV	458529	437441	27.54%	3.655%
25	12.877	1788	1792	1795	rBV	336337	256254	16.14%	2.141%
26	12.954	1802	1805	1808	rBV2	43748	37036	2.33%	0.309%
27	13.077	1822	1826	1829	rBV	1428077	1374361	86.54%	11.482%
28	13.583	1909	1912	1916	rBV	179448	160800	10.13%	1.343%
29	13.630	1916	1920	1922	rBV	21562	18195	1.15%	0.152%
30	13.966	1973	1977	1982	rVB	59506	63372	3.99%	0.529%
31	14.154	2006	2009	2015	rBV	377064	336738	21.20%	2.813%
32	14.248	2022	2025	2029	rBV	70262	61791	3.89%	0.516%
33	14.295	2029	2033	2037	rBV	37109	38828	2.44%	0.324%
34	14.618	2085	2088	2094	rBV	41776	38953	2.45%	0.325%

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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	14.942	2140	2143	2147	rBV	52501	48097	3.03%	0.402%
36	15.301	2200	2204	2210	rVB	50455	57023	3.59%	0.476%
37	15.713	2268	2274	2282	rVB	289696	414790	26.12%	3.465%
38	16.165	2346	2351	2356	rVB2	34491	48709	3.07%	0.407%
39	16.707	2438	2443	2448	rVB2	22711	35688	2.25%	0.298%

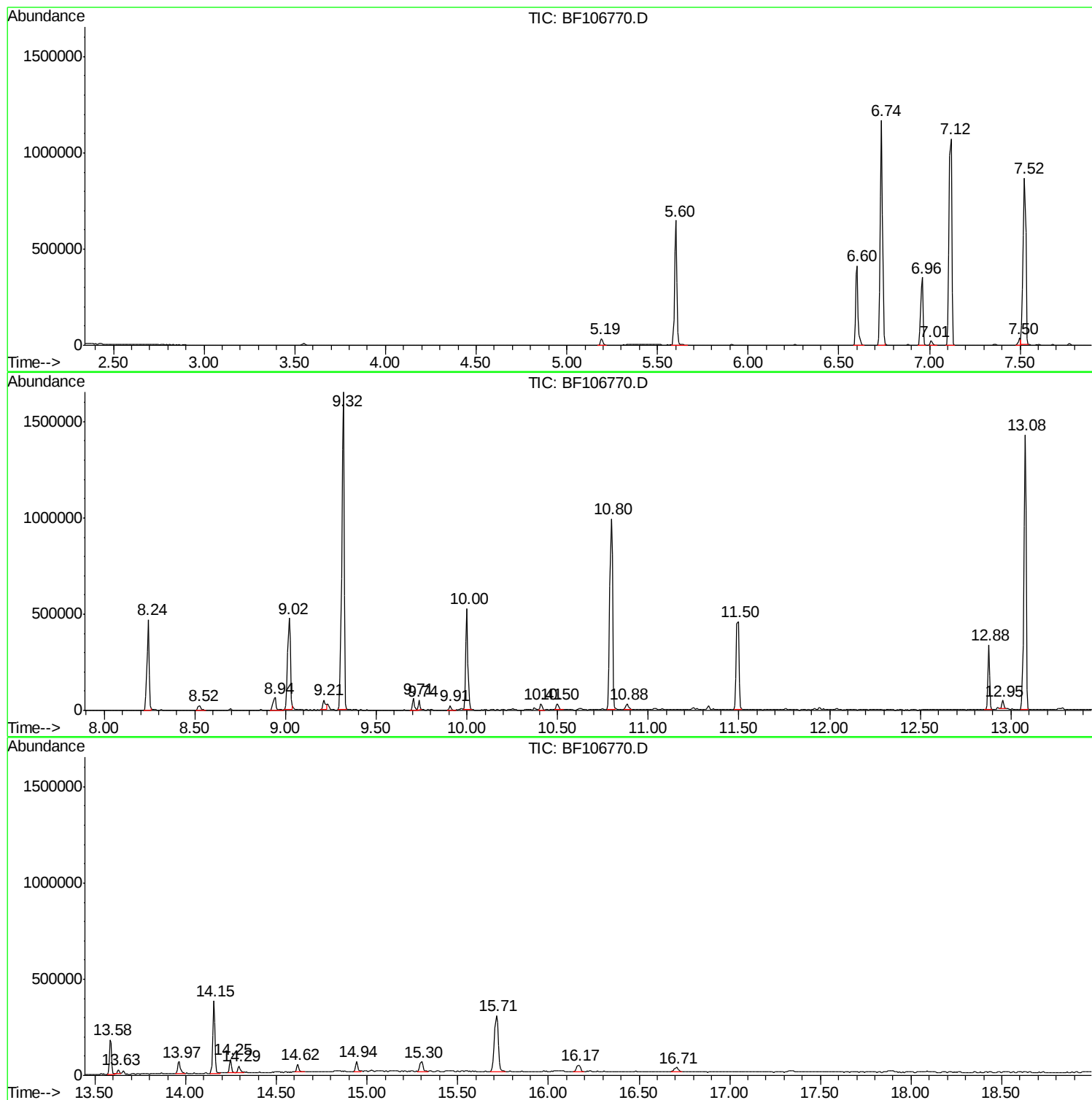
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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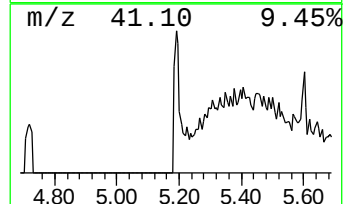
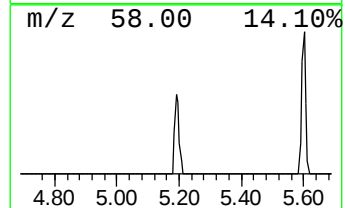
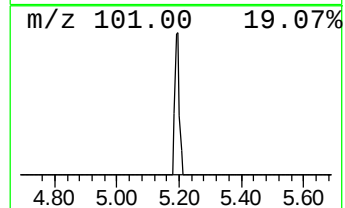
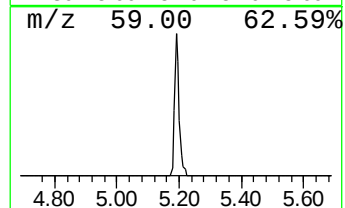
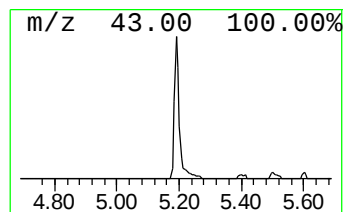
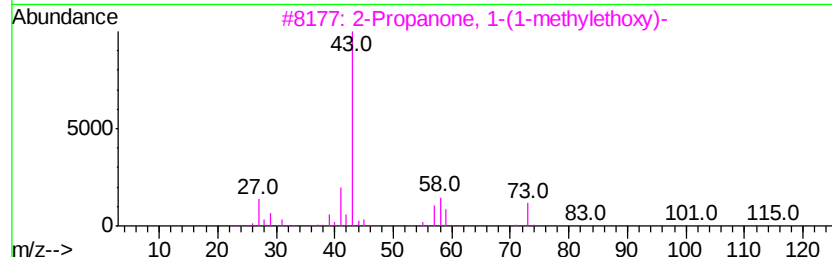
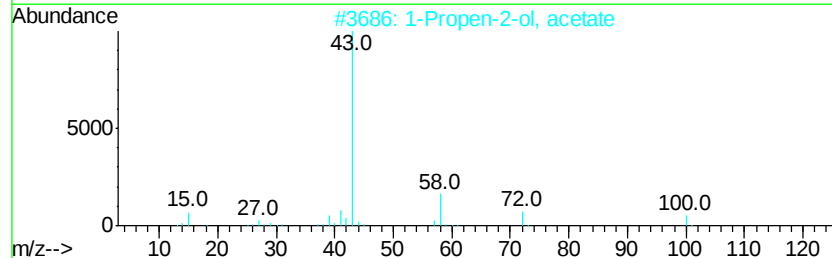
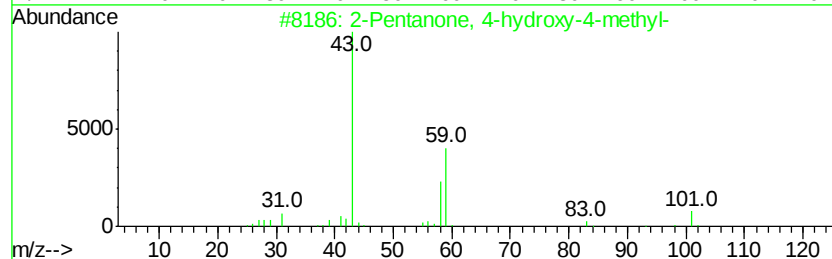
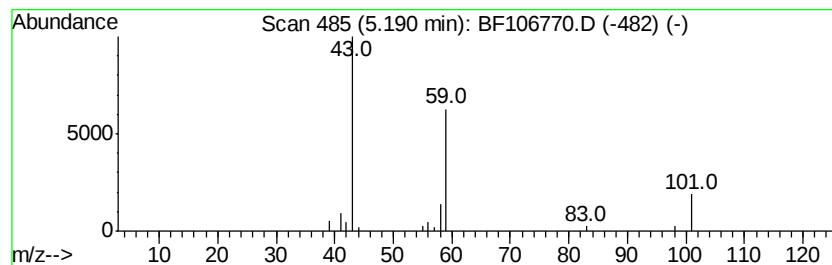
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.45 ng	36962	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7



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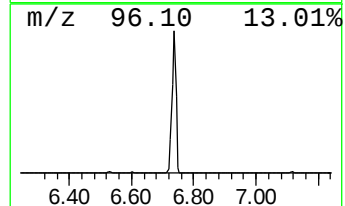
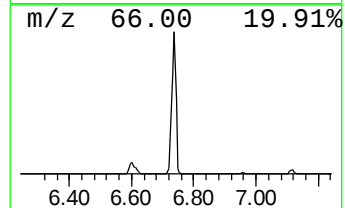
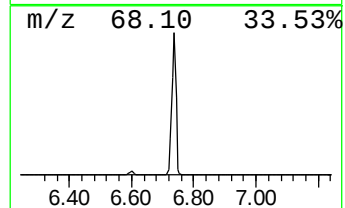
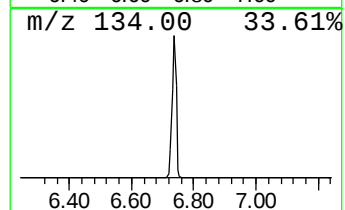
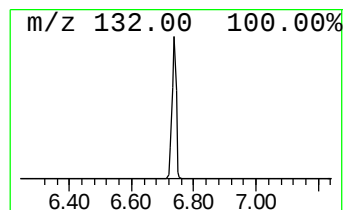
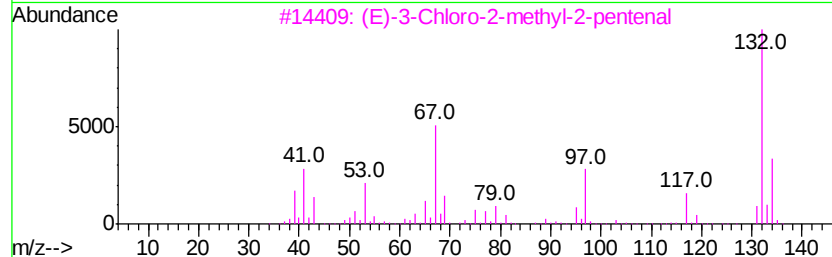
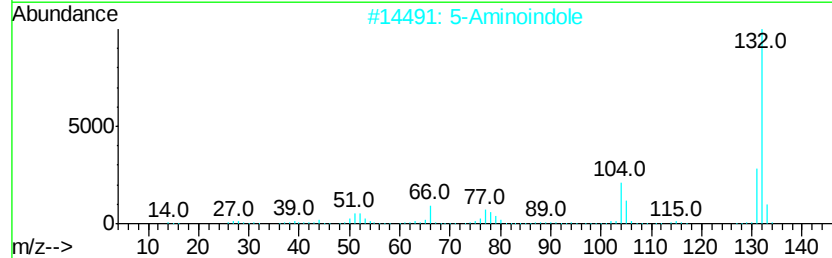
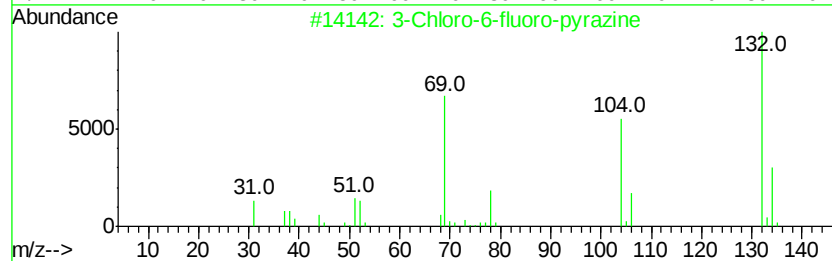
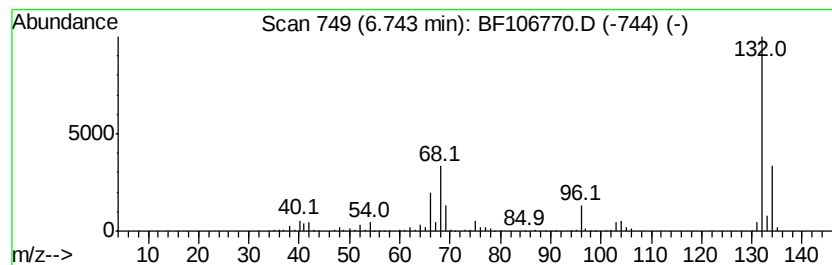
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Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	69.83 ng	1054540	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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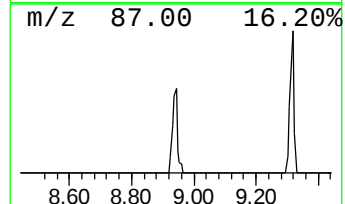
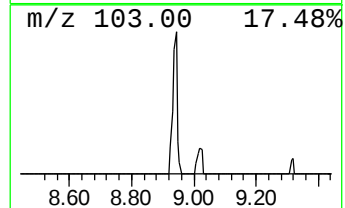
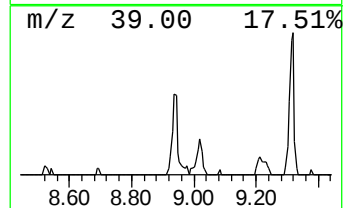
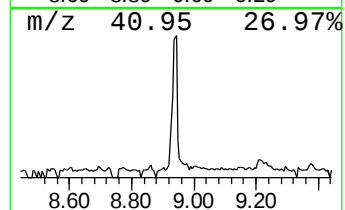
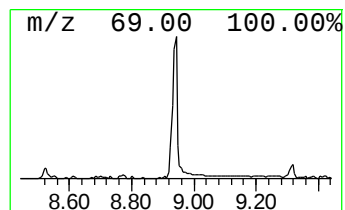
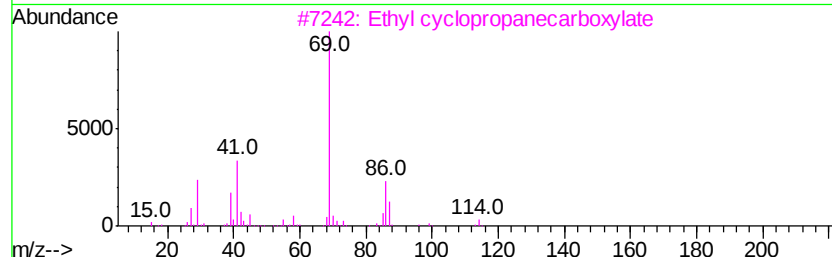
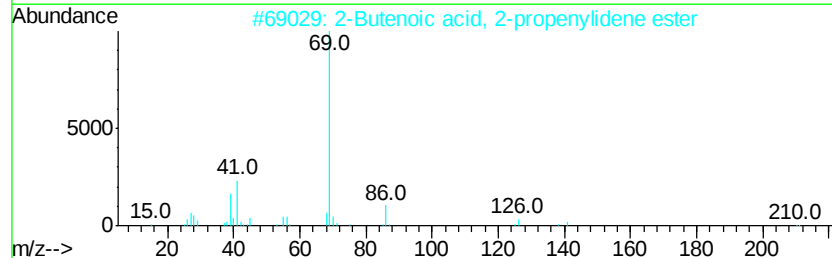
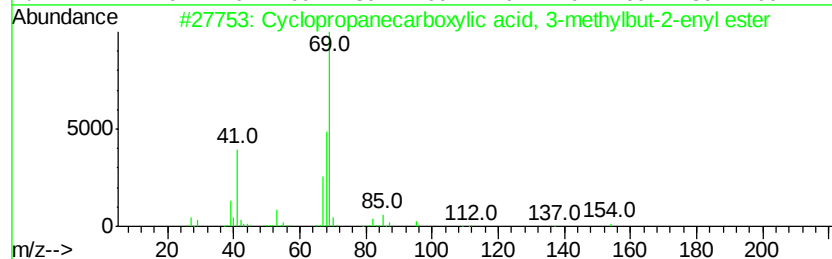
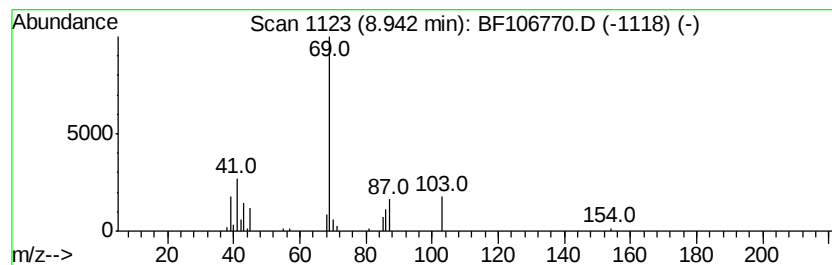
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Cyclopropanecarboxylic acid... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	3.84 ng	72536	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	50
2		2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	42
3		Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
4		Oxazole	69	C3H3NO	000288-42-6	9
5		Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	9



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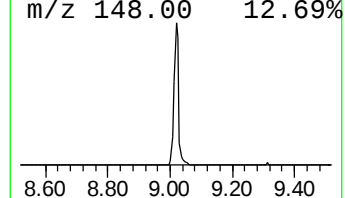
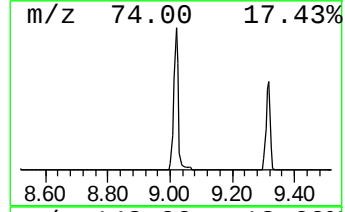
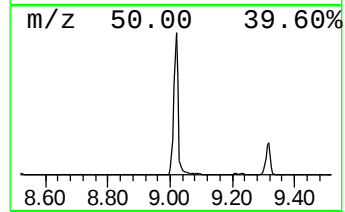
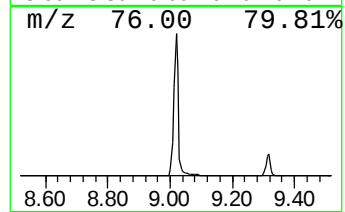
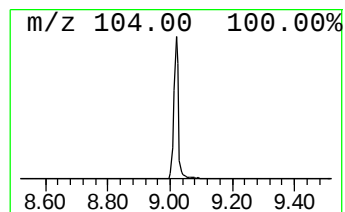
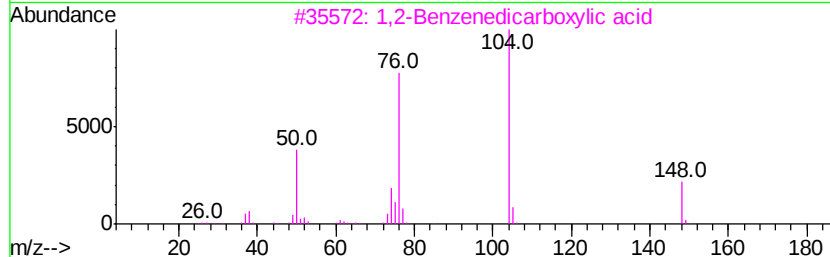
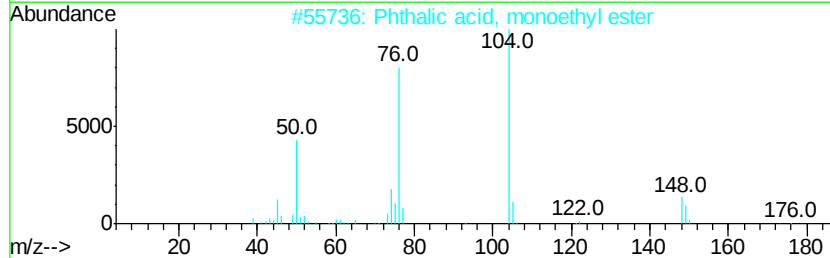
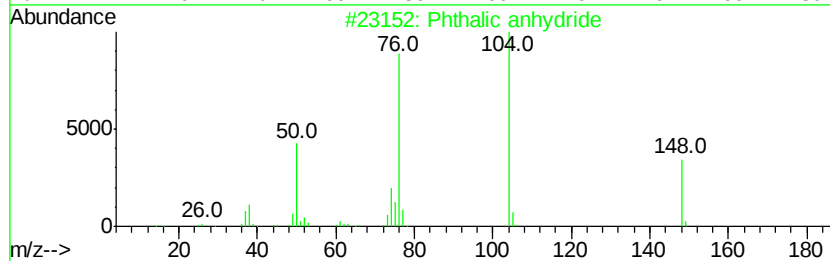
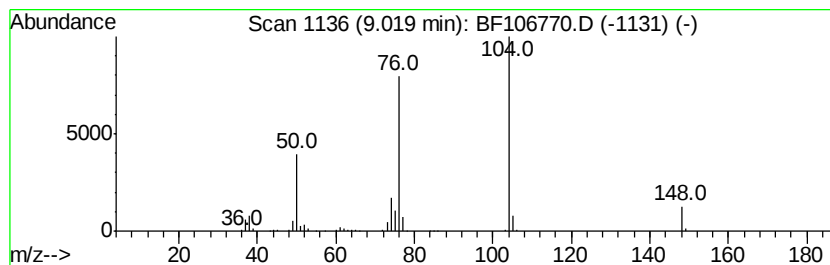
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Phthalic anhydride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	24.95 ng	471862	Naphthalene-d8	8.24

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
3	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
4	Phthalamic acid	165	C8H7NO3	000088-97-1	90
5	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86



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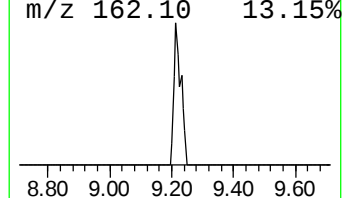
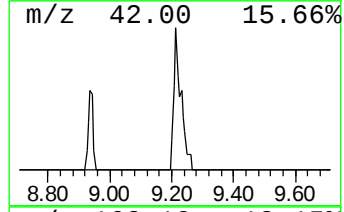
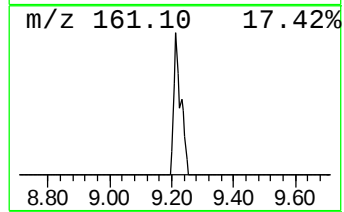
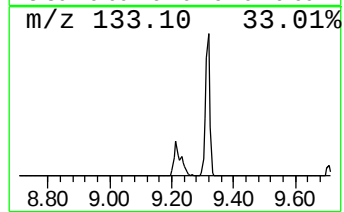
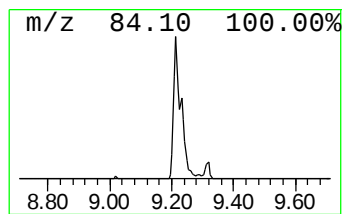
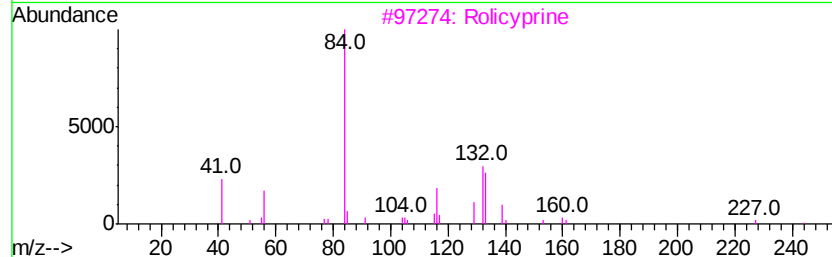
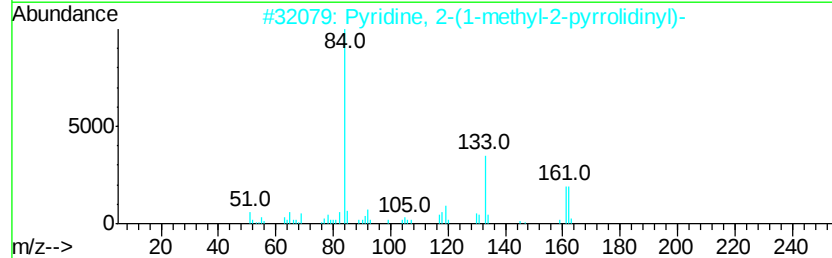
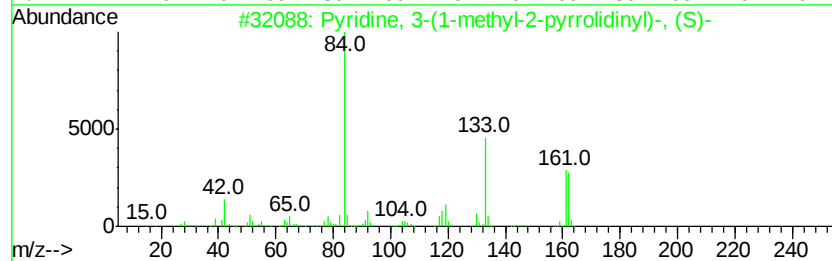
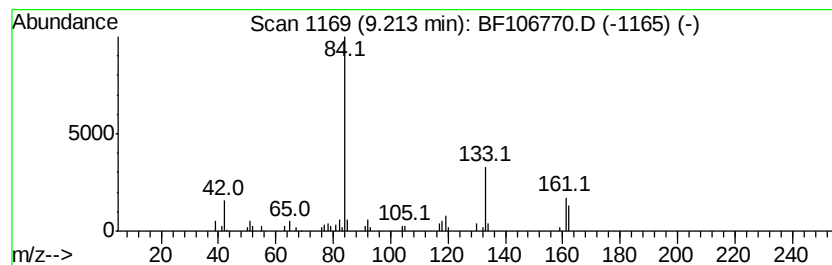
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Pyridine, 3-(1-methyl-2-pyr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.42 ng	53766	Acenaphthene-d10	10.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 3-(1-methyl-2-pyrrolidinyl)-	162	C10H14N2	000054-11-5	96
2			Pyridine, 2-(1-methyl-2-pyrrolidinyl)-	162	C10H14N2	023950-04-1	94
3			Rolicyprine	244	C14H16N2O2	002829-19-8	36
4			Pyridine-D5-	84	C5D5N	007291-22-7	32
5			Methylphenidate	233	C14H19NO2	000113-45-1	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106770.D
Acq On : 25 Jun 2018 14:36
Operator : JU/SJ
Sample : J3627-35
Misc :
ALS Vial : 12 Sample Multiplier: 1

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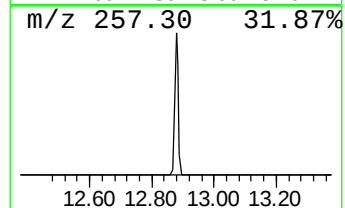
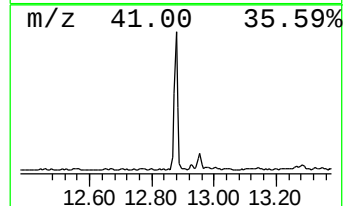
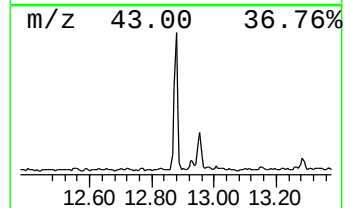
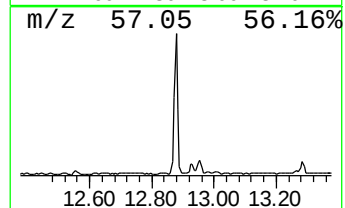
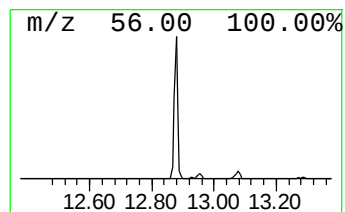
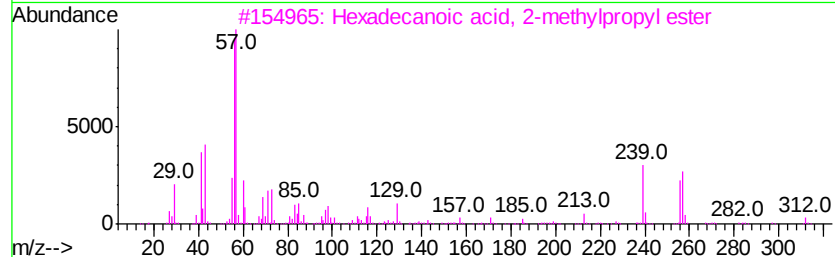
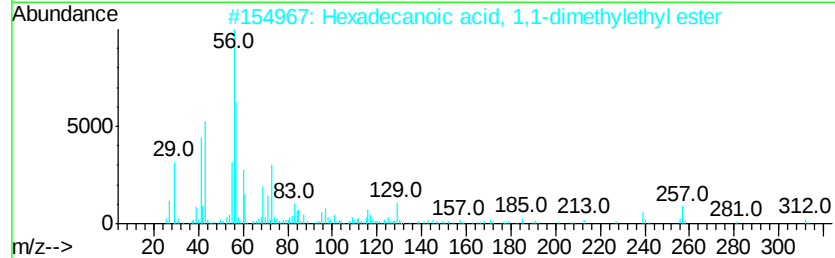
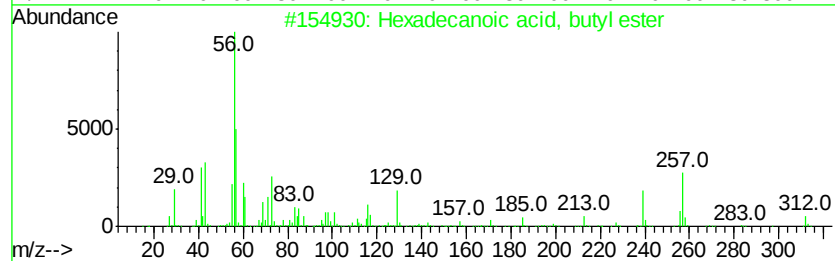
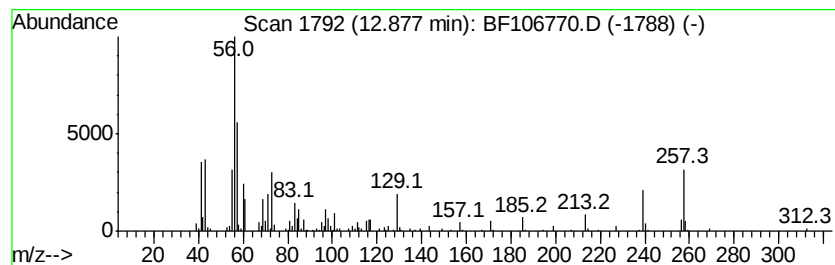
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	15.22 ng	256254	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	32
4		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27
5		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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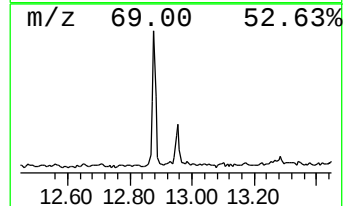
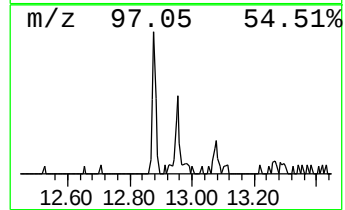
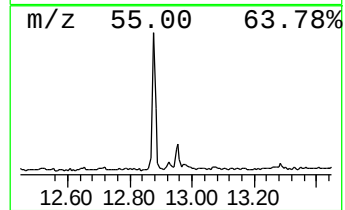
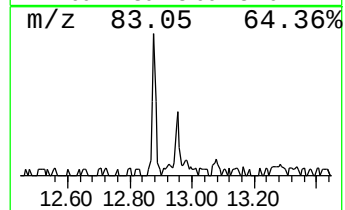
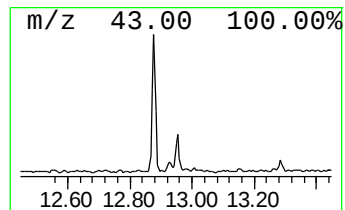
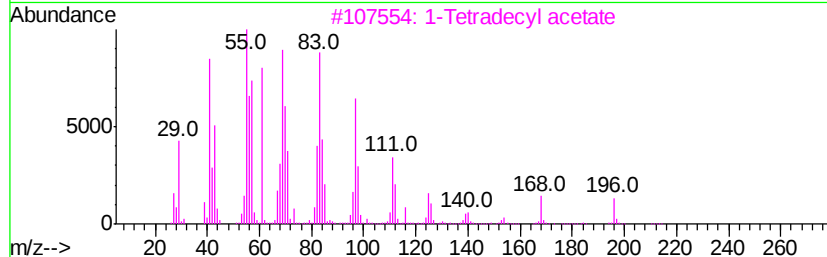
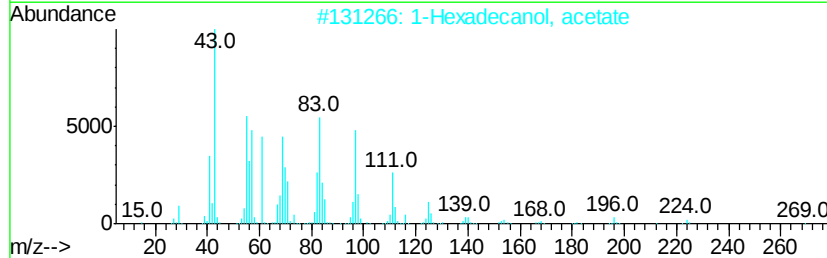
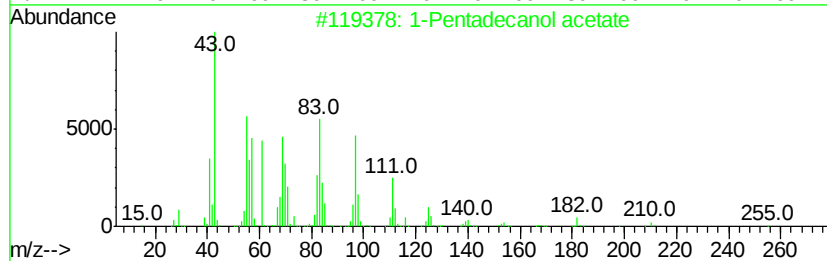
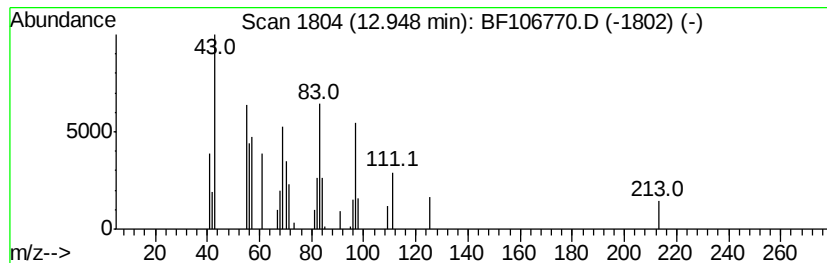
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Pentadecanol acetate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.20 ng	37036	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanol acetate	270	C17H34O2	000629-58-3	81
2	1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	81
3	1-Tetradecyl acetate	256	C16H32O2	000638-59-5	70
4	n-Pentadecanol	228	C15H32O	000629-76-5	64
5	1-Hexadecanol	242	C16H34O	036653-82-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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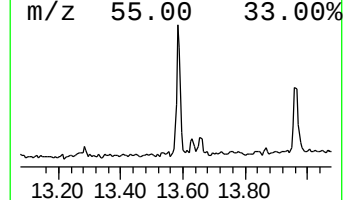
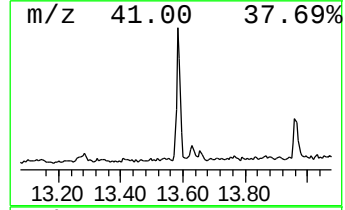
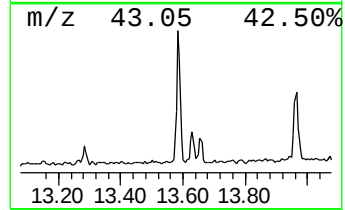
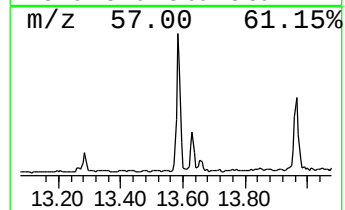
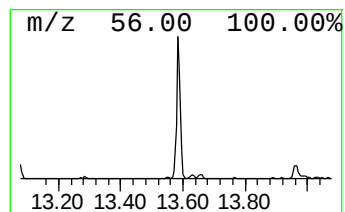
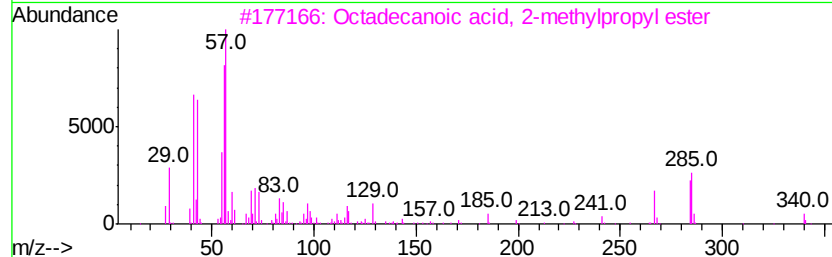
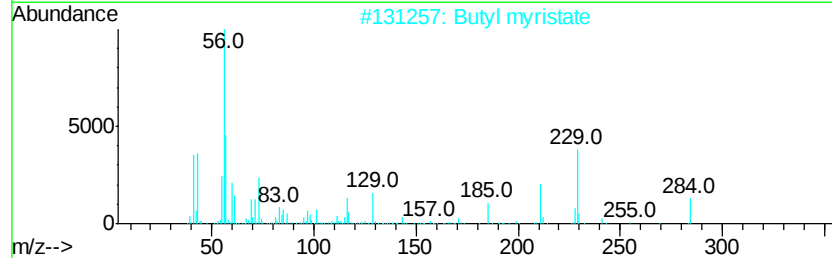
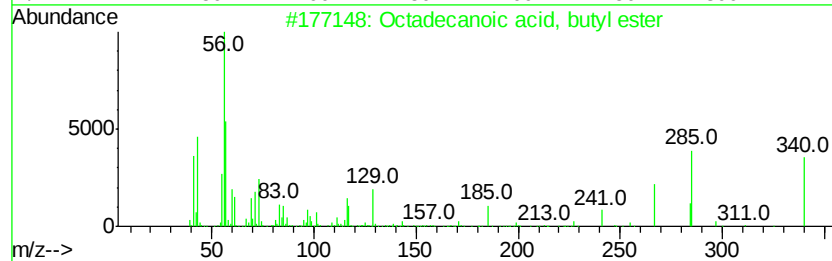
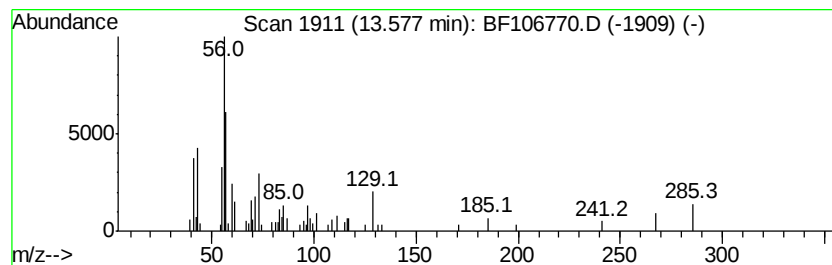
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	9.55 ng	160800	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		Butyl myristate	284	C18H36O2	000110-36-1	64
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	43
4		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30
5		Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30



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Acq On : 25 Jun 2018 14:36
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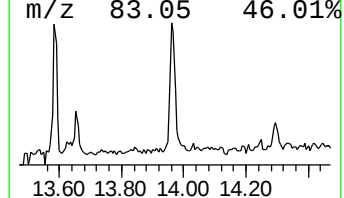
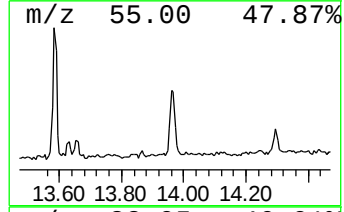
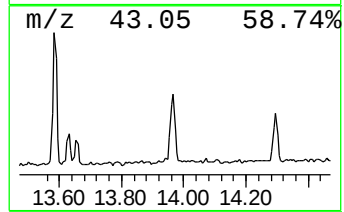
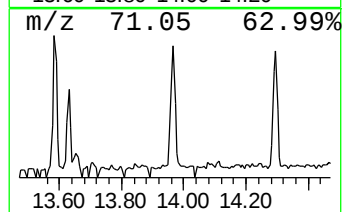
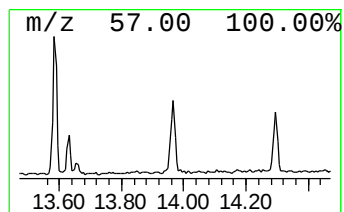
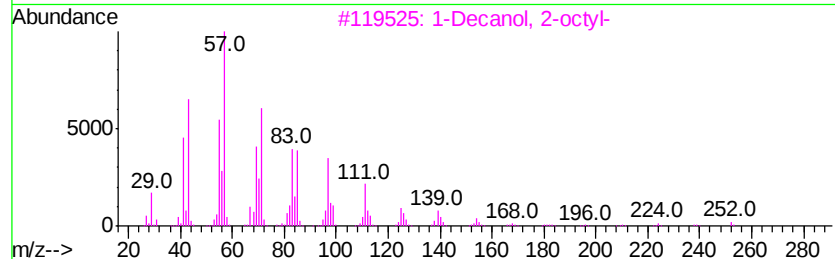
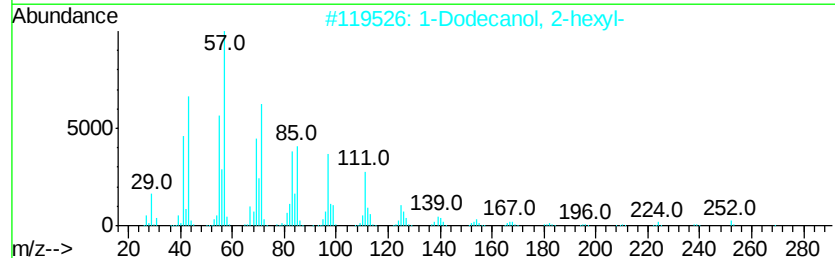
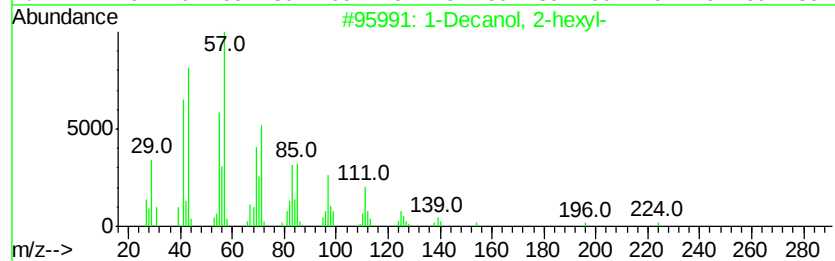
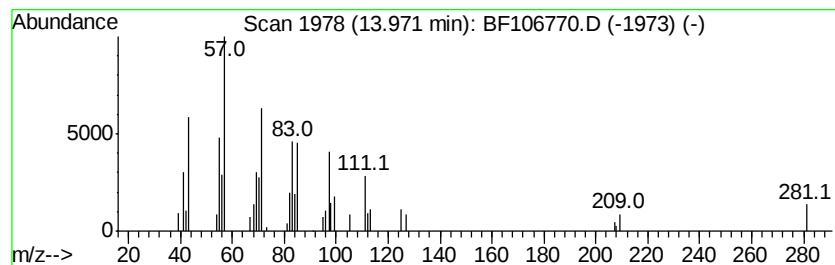
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.76 ng	63372	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90
4		Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	90
5		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90



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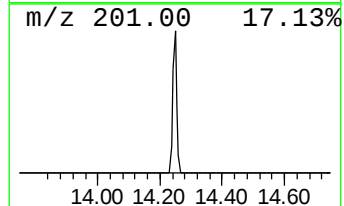
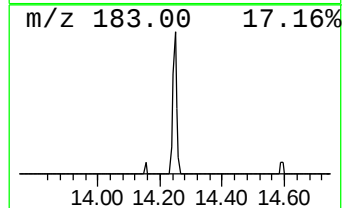
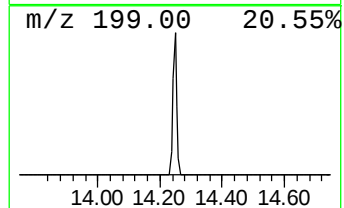
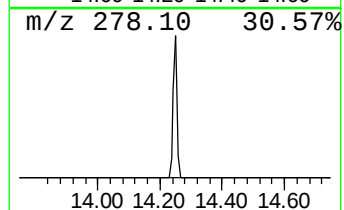
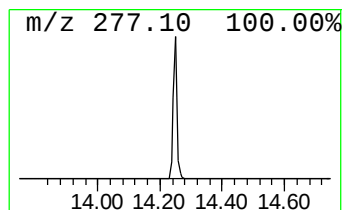
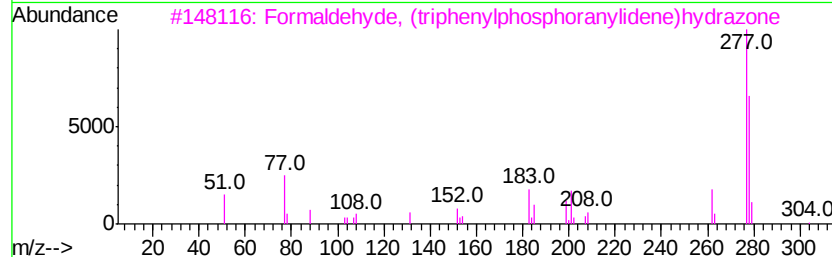
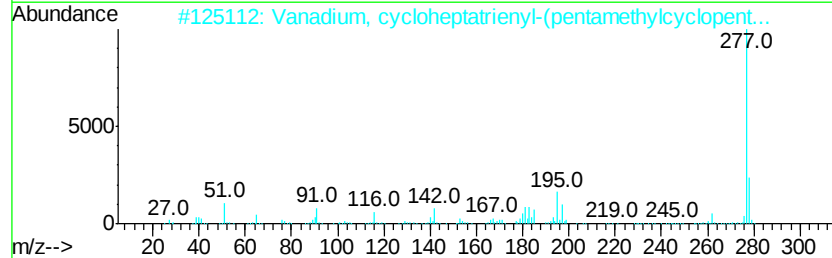
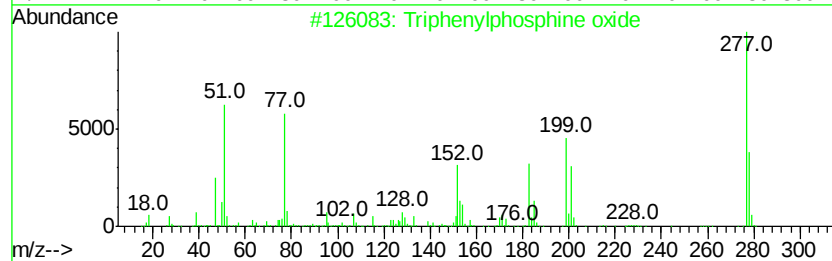
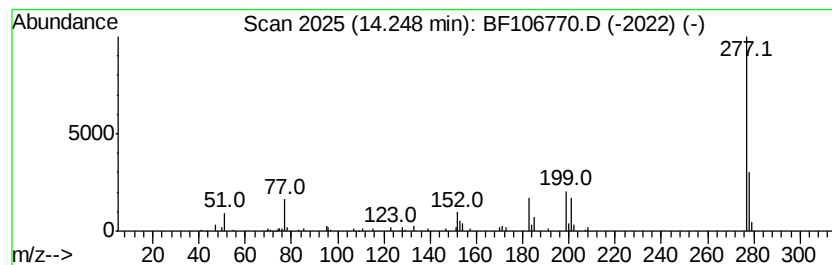
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Triphenylphosphine oxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	3.67 ng	61791	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	50
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4			1H-Indole-3-acetic acid, 5-(tri...	277	C14H19N03Si	072101-35-0	43
5			Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15N02	299962-12-2	33



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Acq On : 25 Jun 2018 14:36
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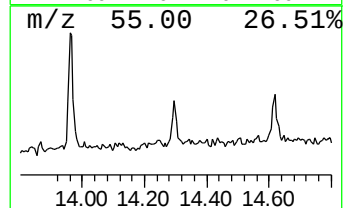
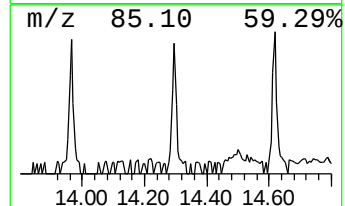
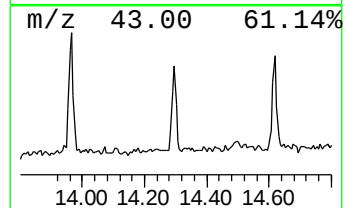
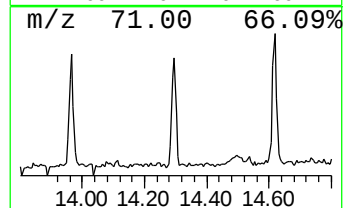
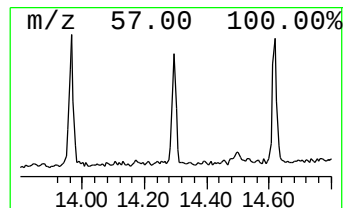
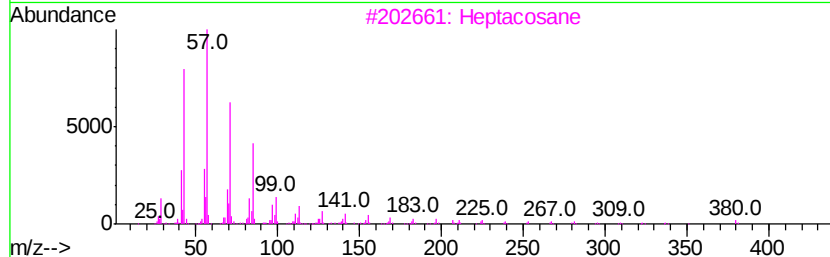
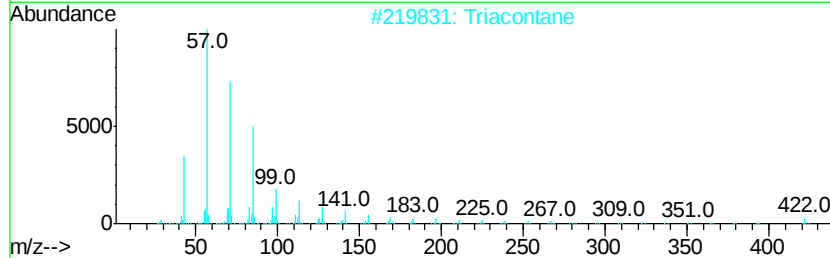
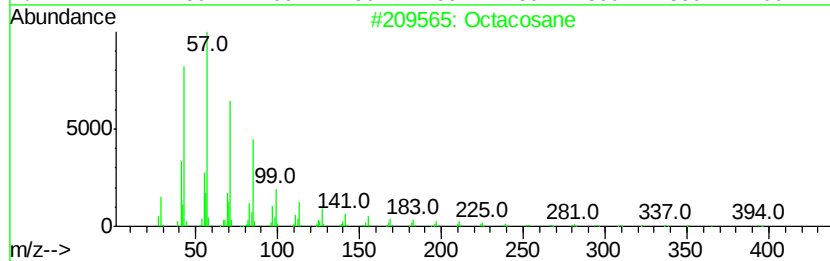
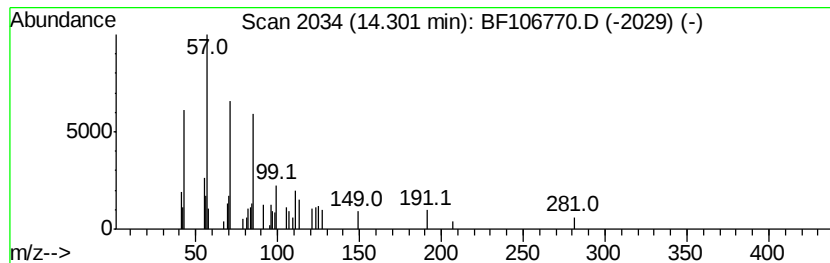
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.31 ng	38828	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Triacontane	422	C30H62	000638-68-6	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5		Heneicosane	296	C21H44	000629-94-7	87



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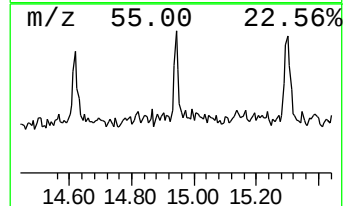
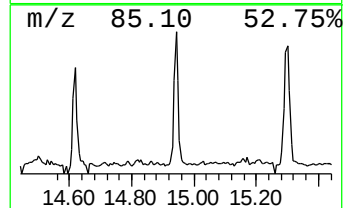
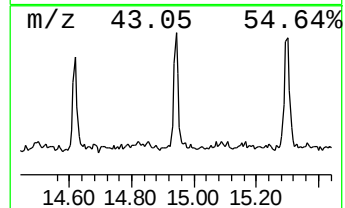
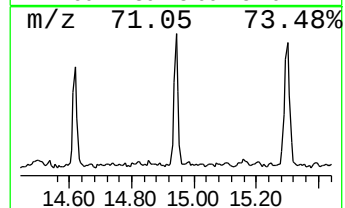
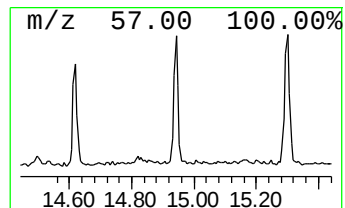
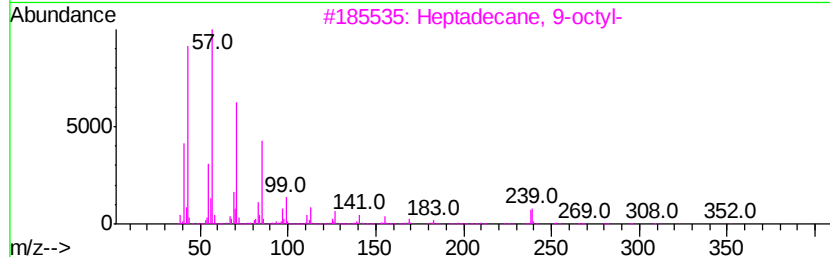
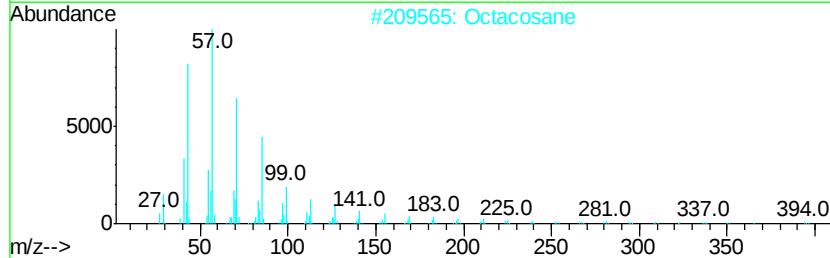
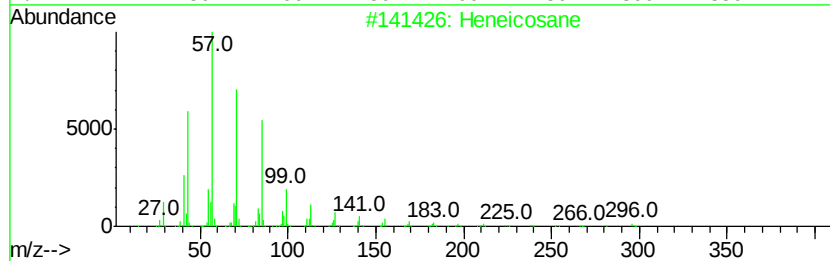
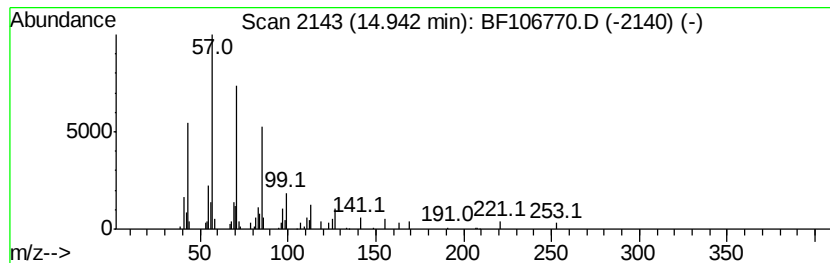
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.32 ng	48097	Perylene-d12	15.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106770.D
Acq On : 25 Jun 2018 14:36
Operator : JU/SJ
Sample : J3627-35
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

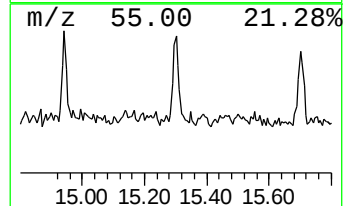
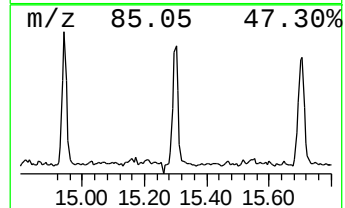
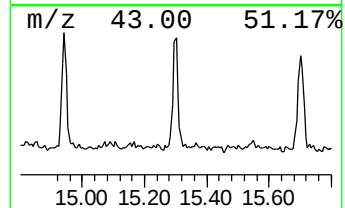
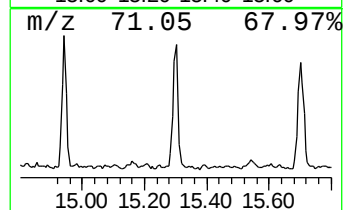
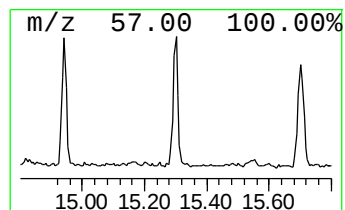
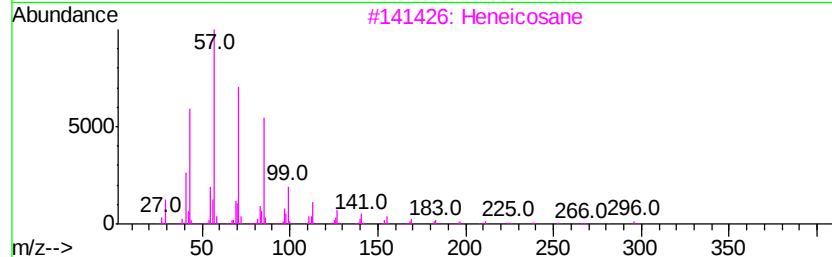
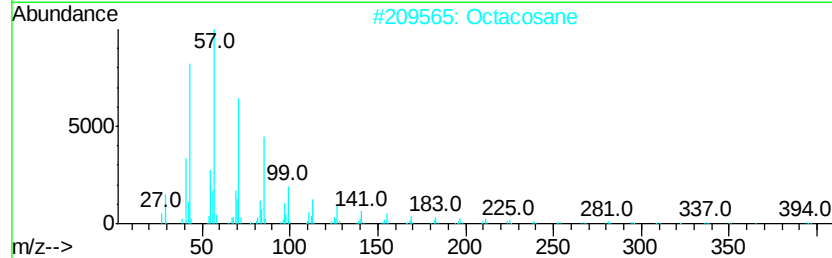
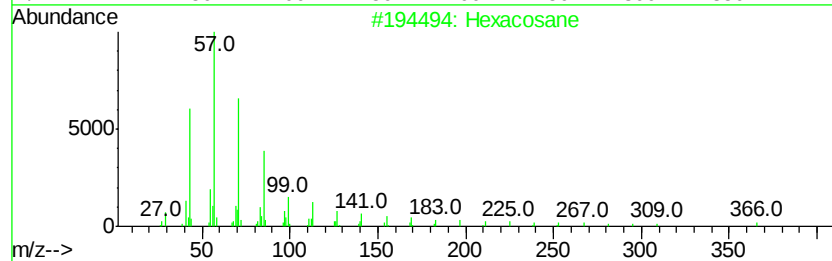
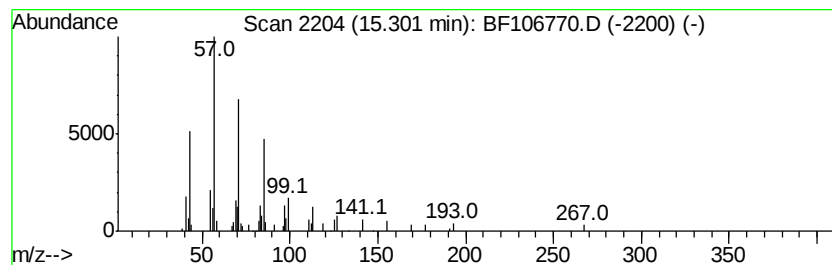
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.75 ng	57023	Perylene-d12	15.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetratetracontane	619	C44H90	007098-22-8	87
5			Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106770.D
Acq On : 25 Jun 2018 14:36
Operator : JU/SJ
Sample : J3627-35
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

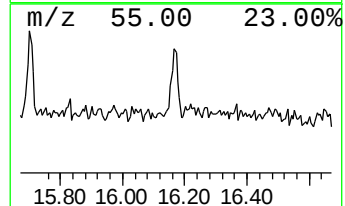
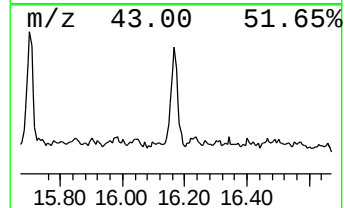
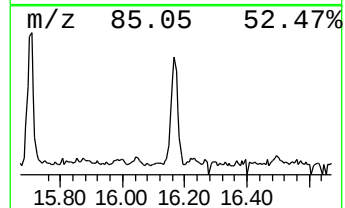
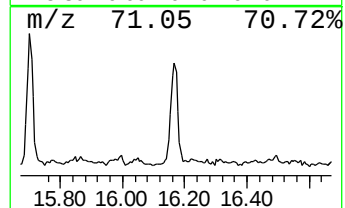
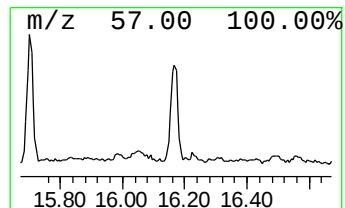
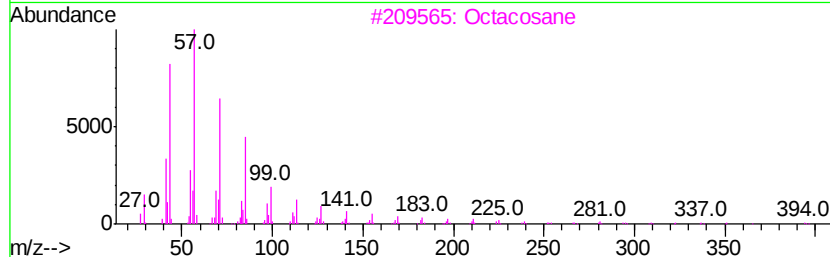
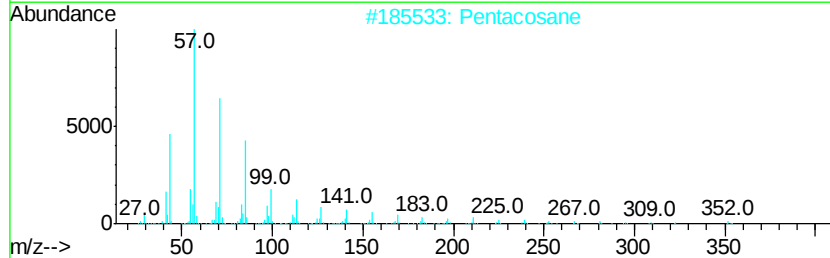
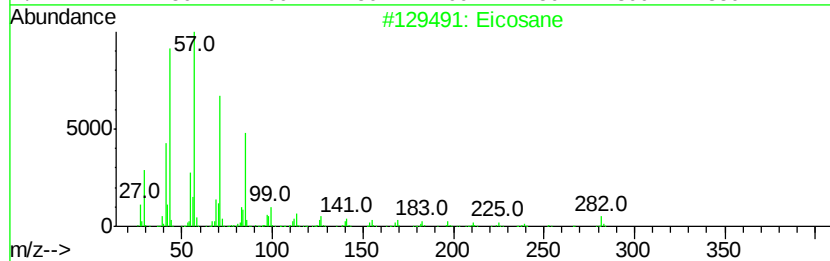
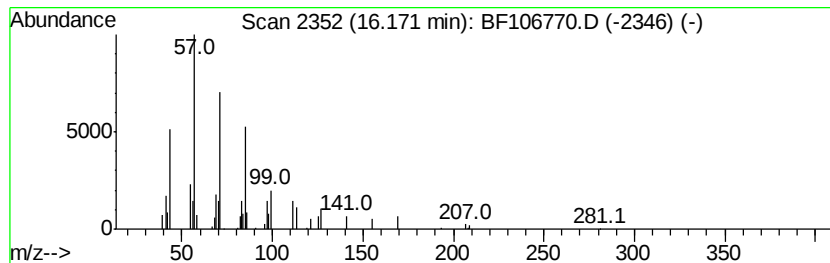
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.35 ng	48709	Perylene-d12	15.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	97
2	Pentacosane			352	C25H52	000629-99-2	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\BF062518\
 Data File : BF106770.D
 Acq On : 25 Jun 2018 14:36
 Operator : JU/SJ
 Sample : J3627-35
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.19	2.5	ng	36962	1	6.96	302048	20.0
unknown6.74	6.74	69.8	ng	1054540	1	6.96	302048	20.0
Cyclopropanecarbo...	8.94	3.8	ng	72536	2	8.24	378186	20.0
Phthalic anhydride	9.02	24.9	ng	471862	2	8.24	378186	20.0
Pyridine, 3-(1-me...	9.21	2.4	ng	53766	3	10.00	443822	20.0
Hexadecanoic acid...	12.88	15.2	ng	256254	5	14.15	336738	20.0
1-Pentadecanol ac...	12.95	2.2	ng	37036	5	14.15	336738	20.0
Octadecanoic acid...	13.58	9.6	ng	160800	5	14.15	336738	20.0
1-Decanol, 2-hexyl-	13.97	3.8	ng	63372	5	14.15	336738	20.0
Triphenylphosphin...	14.25	3.7	ng	61791	5	14.15	336738	20.0
Octacosane	14.30	2.3	ng	38828	5	14.15	336738	20.0
Heneicosane	14.94	2.3	ng	48097	6	15.71	414790	20.0
Hexacosane	15.30	2.8	ng	57023	6	15.71	414790	20.0
Eicosane	16.17	2.4	ng	48709	6	15.71	414790	20.0