

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109902.D
 Acq On : 16 Oct 2018 13:53
 Operator : JU/SJ
 Sample : J5524-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-SOIL-1

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-BF101518.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	2.346	36	44	51	rVB	956152	1295873	15.80%	1.832%
2	3.604	256	258	267	rBV	89928	157693	1.92%	0.223%
3	5.234	531	535	543	rVB	258283	363064	4.43%	0.513%
4	5.610	593	599	602	rBV	7021019	7625968	92.99%	10.779%
5	6.604	762	768	772	rBV2	6343657	8200661	100.00%	11.592%
6	6.751	788	793	797	rBV	7081123	7761171	94.64%	10.971%
7	6.981	828	832	836	rVB	2189853	1744174	21.27%	2.465%
8	7.139	855	859	862	rVB	6634310	5989089	73.03%	8.466%
9	7.545	922	928	931	rBV	5012255	5140639	62.69%	7.266%
10	8.263	1046	1050	1053	rBV	2658747	2201017	26.84%	3.111%
11	9.339	1228	1233	1236	rBV	8297313	7830134	95.48%	11.068%
12	9.727	1295	1299	1302	rBV	1005852	784978	9.57%	1.110%
13	10.022	1345	1349	1353	rVB2	2523314	2230844	27.20%	3.153%
14	10.816	1479	1484	1487	rBV	3742043	3498790	42.66%	4.946%
15	11.516	1599	1603	1606	rBV	2089846	1805211	22.01%	2.552%
16	12.016	1683	1688	1700	rBV2	191781	355973	4.34%	0.503%
17	12.539	1774	1777	1783	rBV	249955	205631	2.51%	0.291%
18	12.810	1818	1823	1834	rVB	424187	609059	7.43%	0.861%
19	13.098	1868	1872	1876	rVB	5179570	5225828	63.72%	7.387%
20	13.568	1948	1952	1957	rVB	140963	154881	1.89%	0.219%
21	13.980	2018	2022	2026	rBV	602647	622135	7.59%	0.879%
22	14.157	2048	2052	2055	rBV	1852928	1721422	20.99%	2.433%
23	14.304	2074	2077	2087	rVB	227195	300798	3.67%	0.425%
24	14.609	2126	2129	2132	rBV	331915	344141	4.20%	0.486%
25	14.933	2179	2184	2193	rVB2	348005	520985	6.35%	0.736%
26	15.009	2195	2197	2202	rVB	86200	83583	1.02%	0.118%
27	15.286	2240	2244	2253	rVB	421706	534010	6.51%	0.755%
28	15.692	2307	2313	2320	rVB2	1809135	2507331	30.57%	3.544%
29	16.162	2388	2393	2397	rBV	314558	459387	5.60%	0.649%
30	16.209	2398	2401	2406	rBV4	97786	168285	2.05%	0.238%
31	16.703	2481	2485	2491	rVB2	168536	302352	3.69%	0.427%

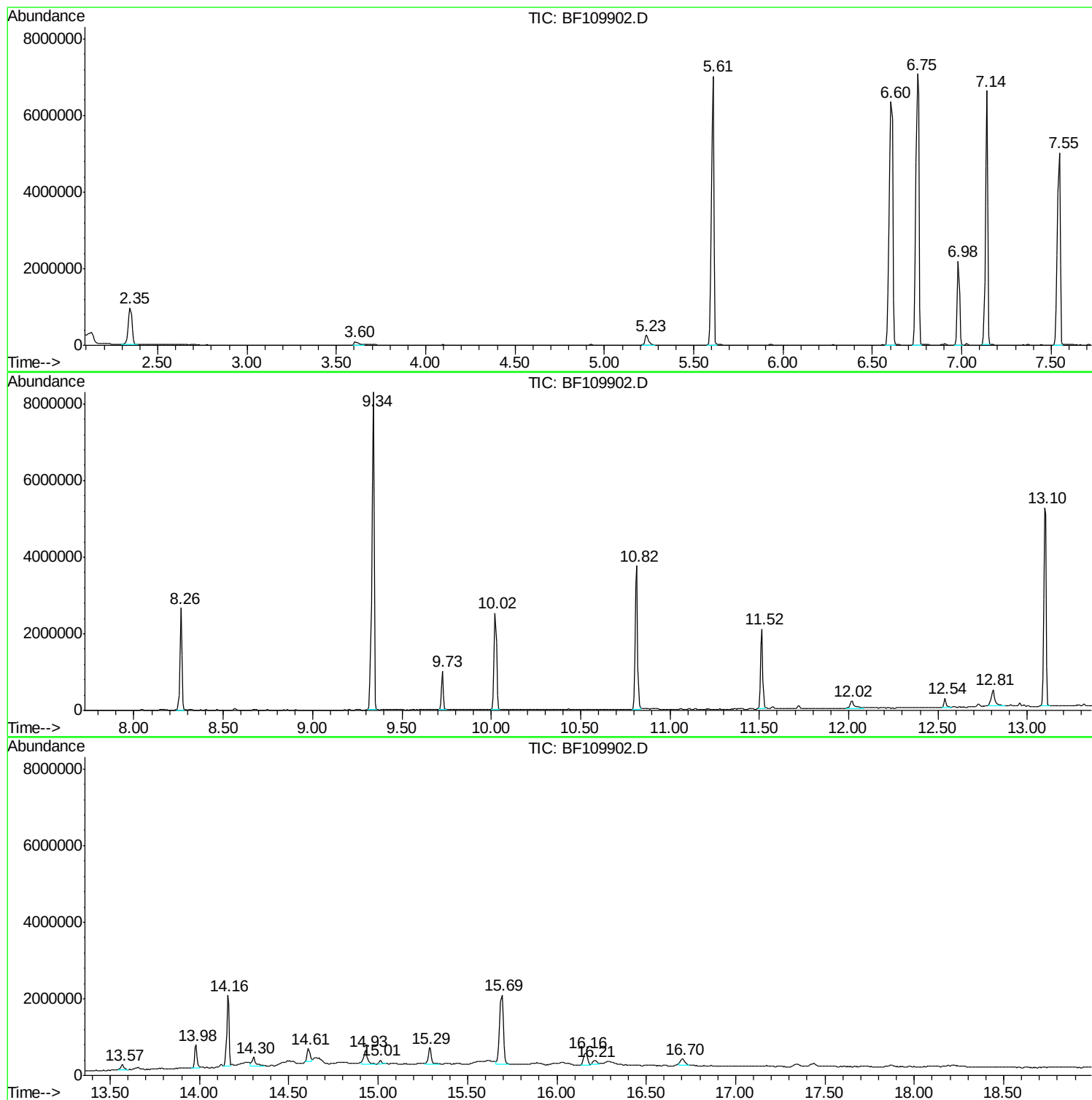
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BNA_F
ClientSampled :
BS-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.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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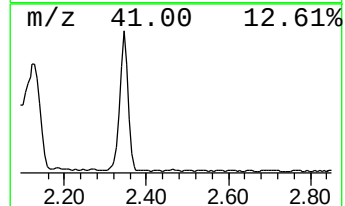
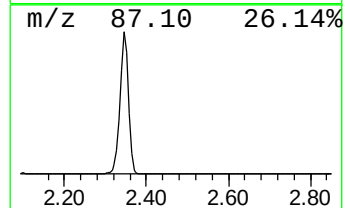
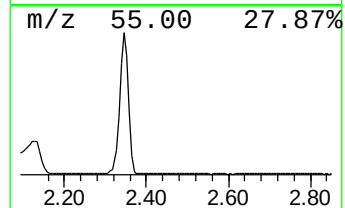
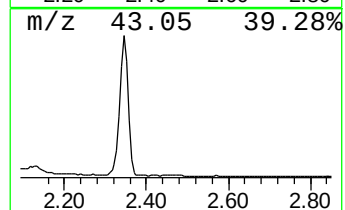
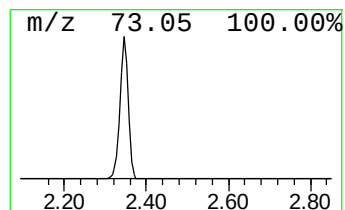
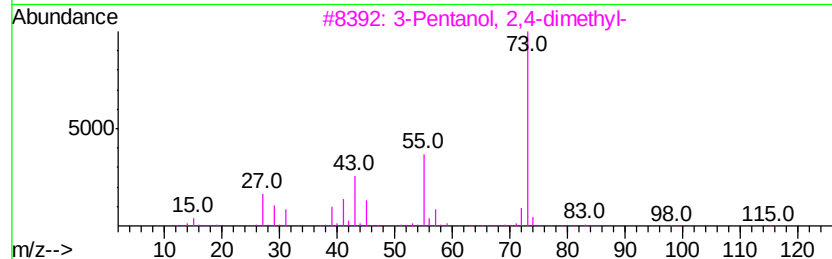
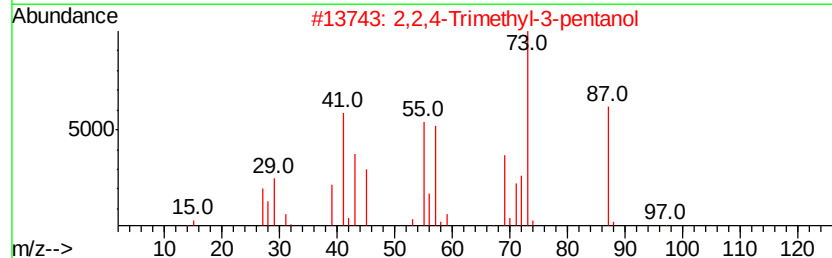
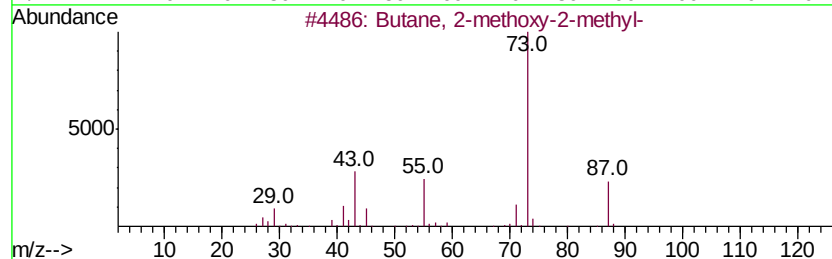
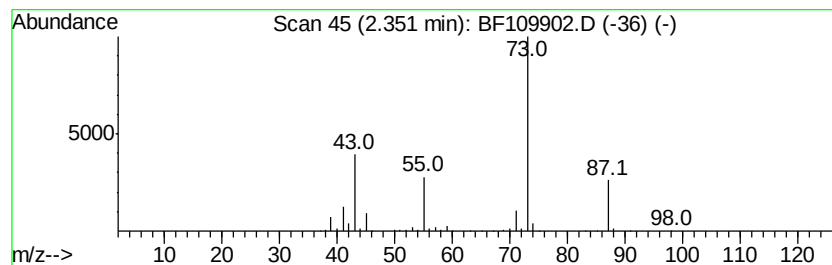
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.35	14.86 ng	1295870	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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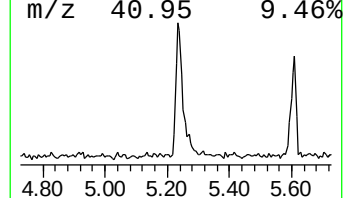
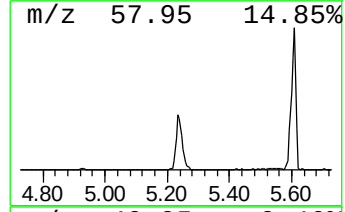
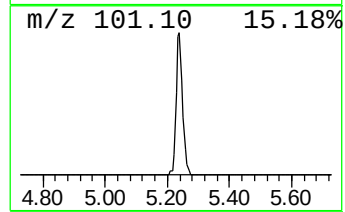
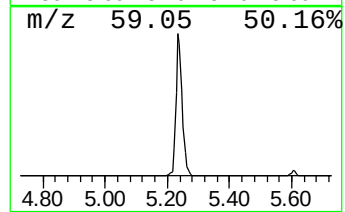
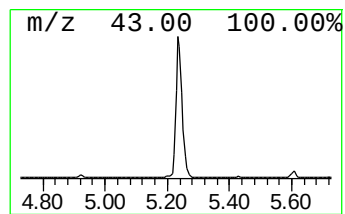
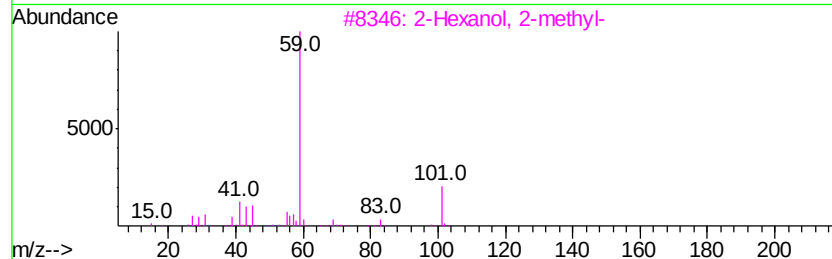
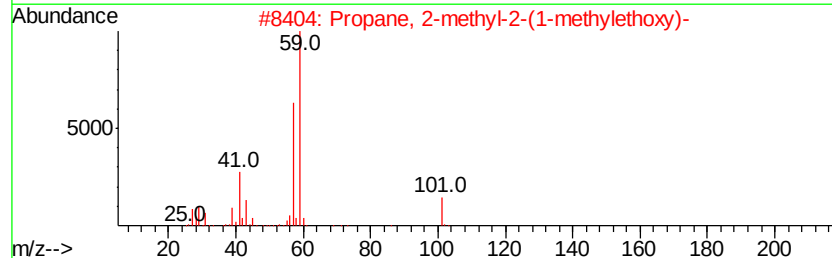
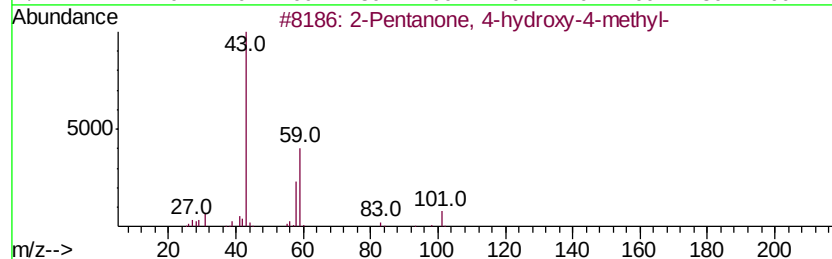
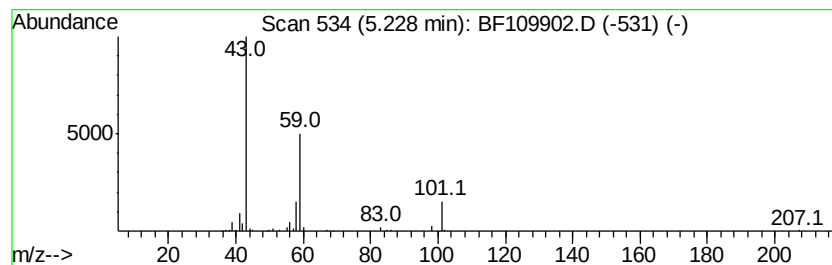
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.16 ng	363064	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9



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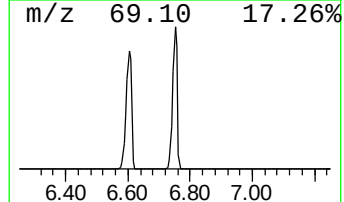
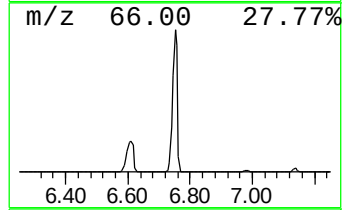
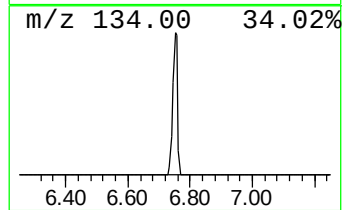
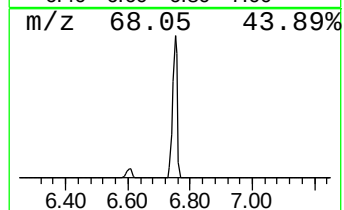
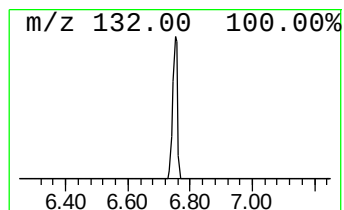
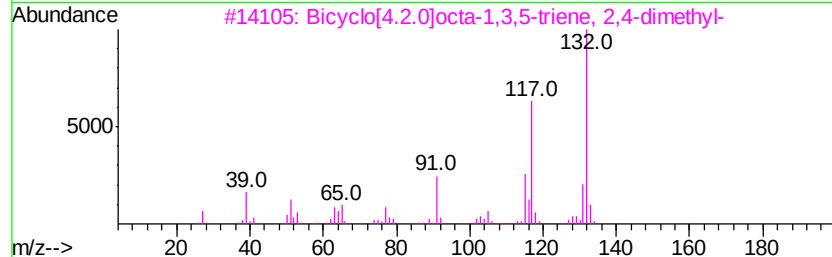
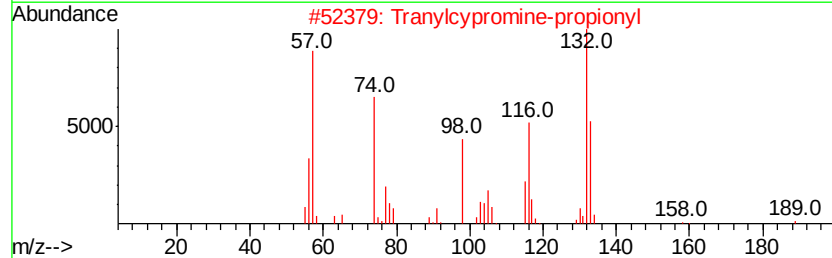
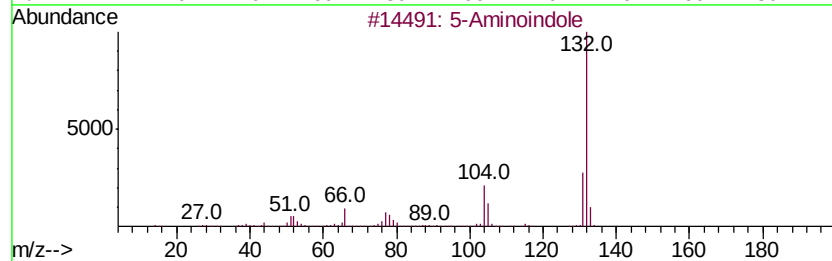
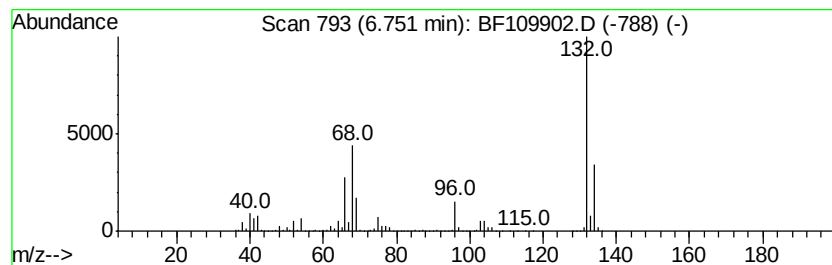
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Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	89.00 ng	7761170	1,4-Dichlorobenzene-d4	6.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	12
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			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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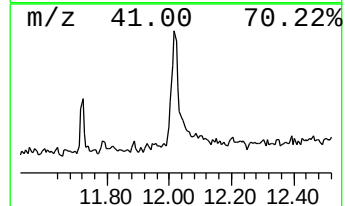
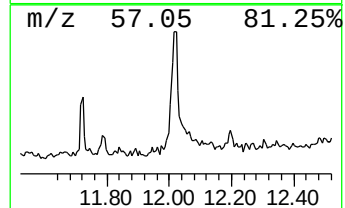
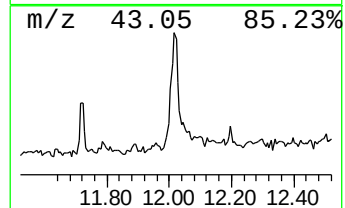
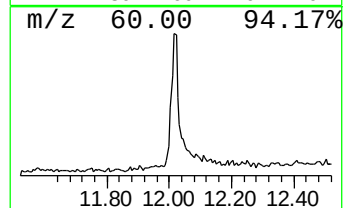
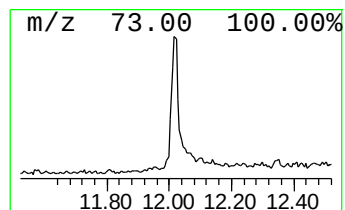
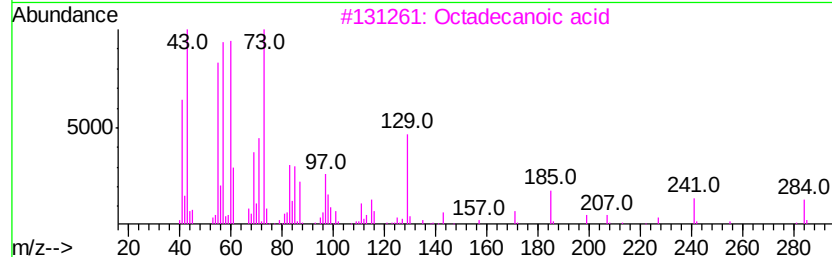
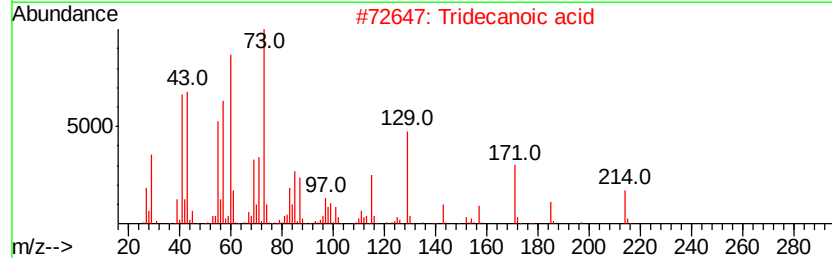
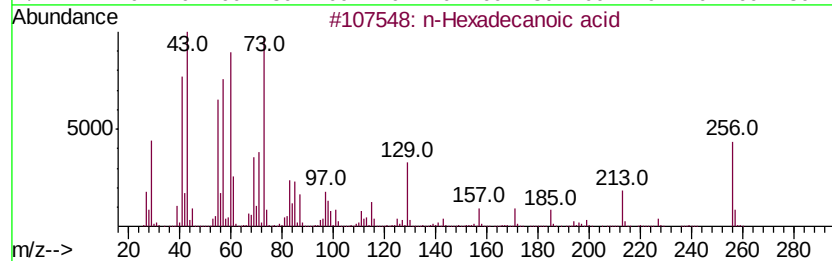
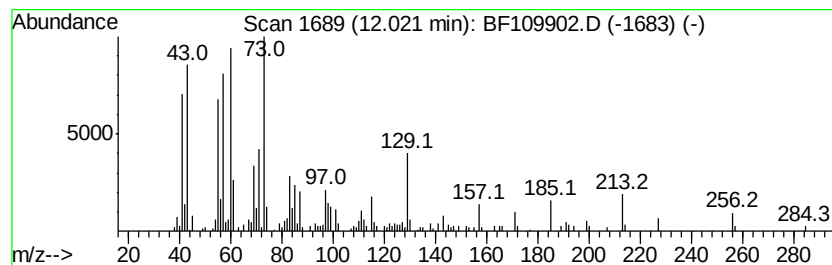
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.94 ng	355973	Phenanthrene-d10	11.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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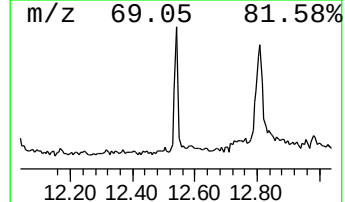
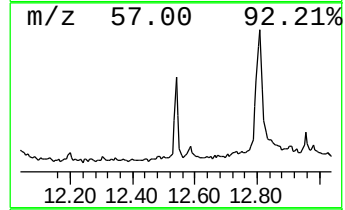
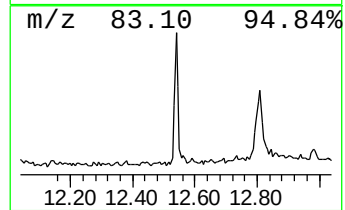
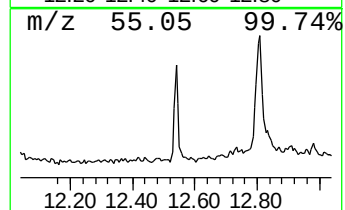
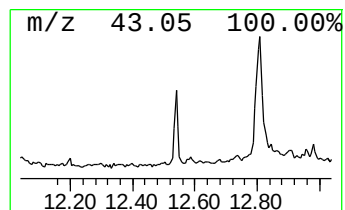
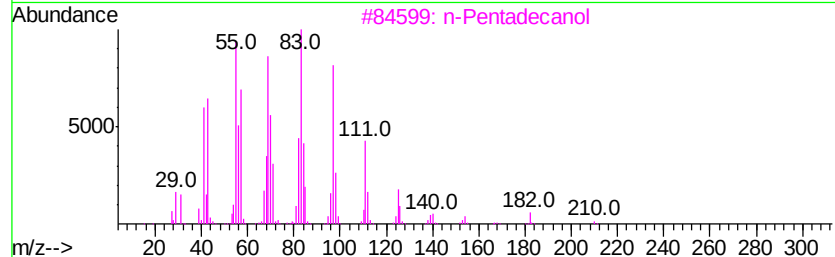
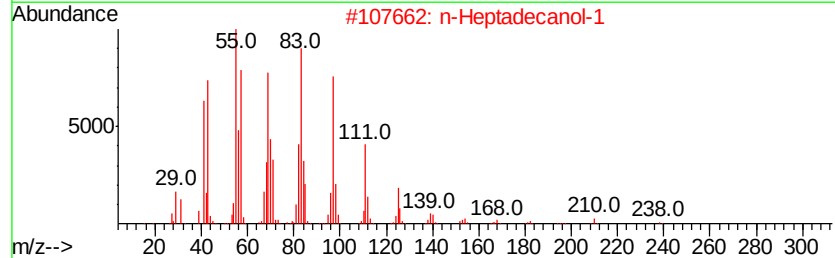
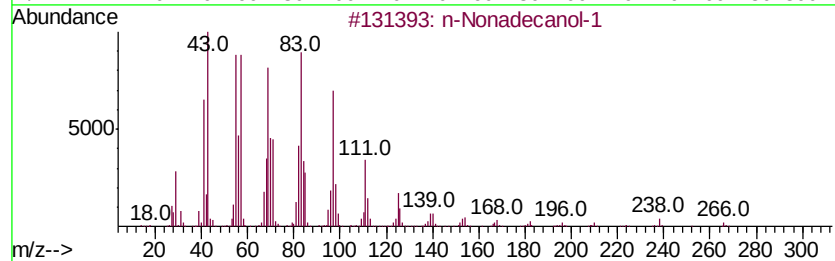
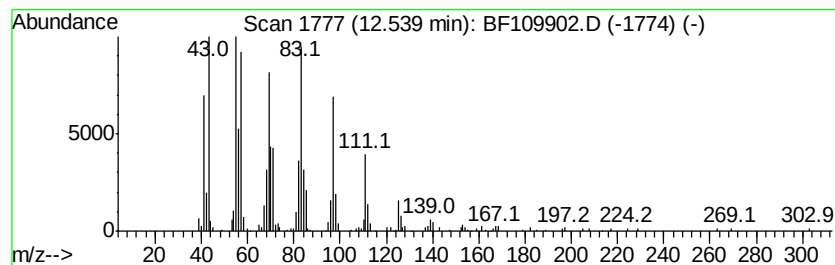
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 n-Nonadecanol-1 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.28 ng	205631	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3		n-Pentadecanol	228	C15H32O	000629-76-5	94
4		1-Octadecanol	270	C18H38O	000112-92-5	94
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94



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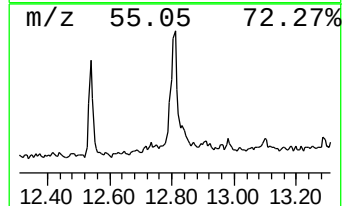
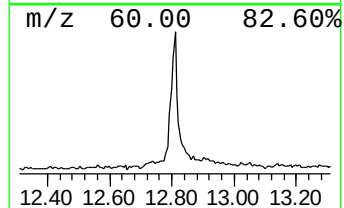
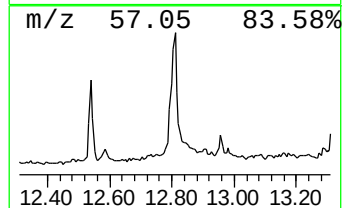
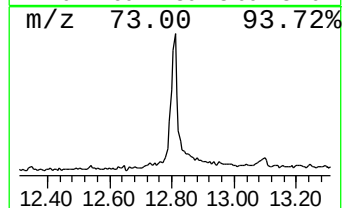
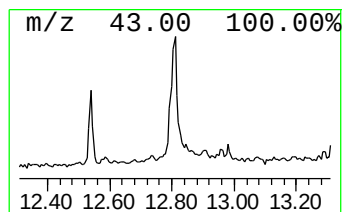
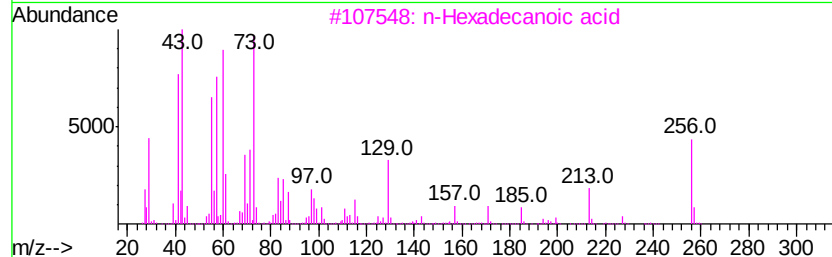
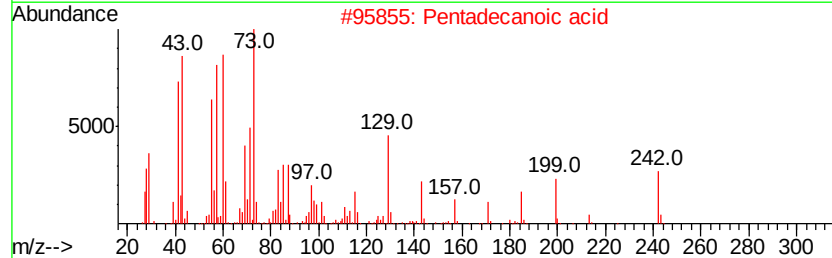
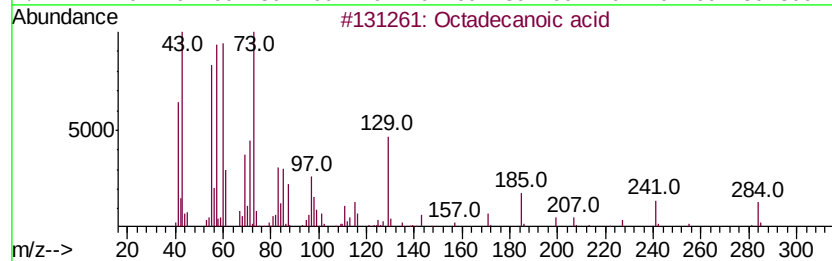
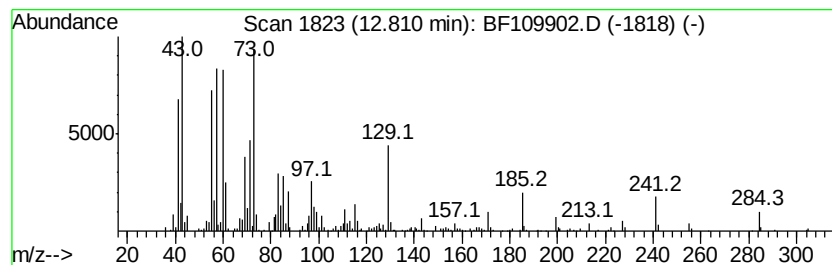
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	6.75 ng	609059	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109902.D
Acq On : 16 Oct 2018 13:53
Operator : JU/SJ
Sample : J5524-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

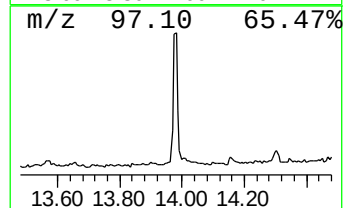
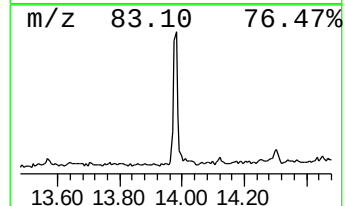
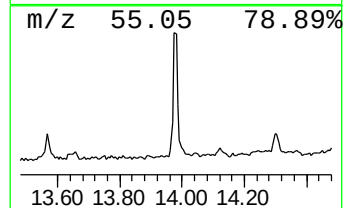
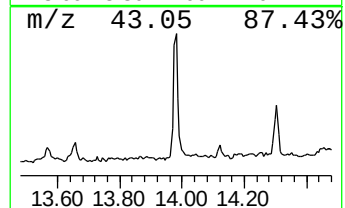
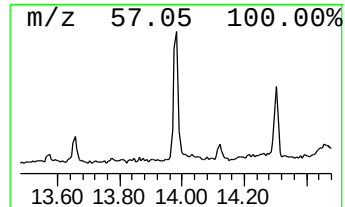
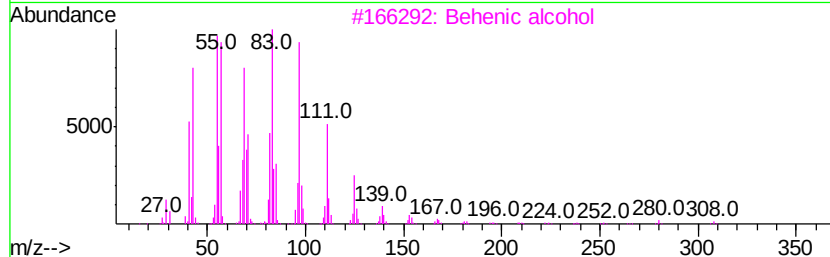
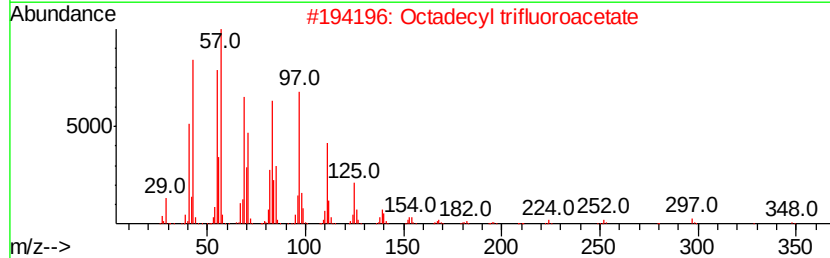
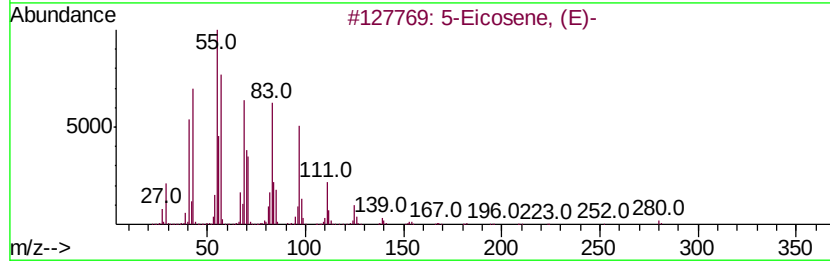
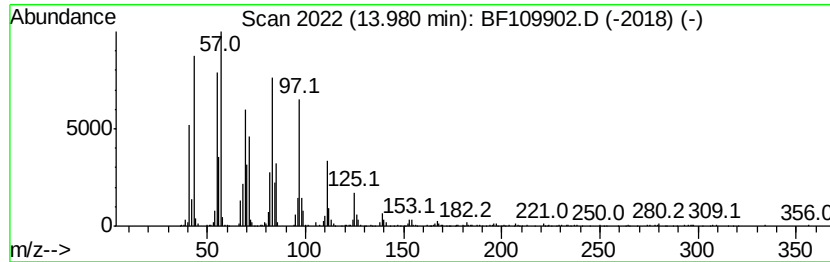
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.98	7.23 ng	622135	Chrysene-d12		14.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
2	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	94
3	Behenic alcohol		326	C22H46O	000661-19-8	93
4	1-Heneicosanol		312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1		354	C24H50O	000506-51-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
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Sample : J5524-01
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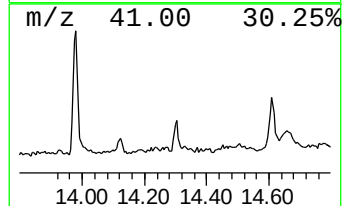
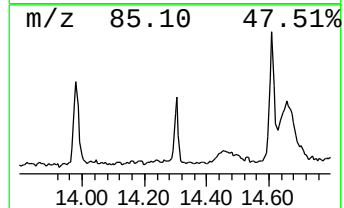
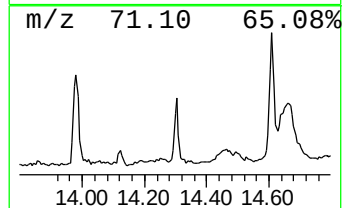
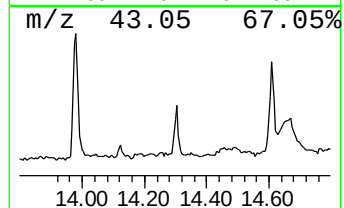
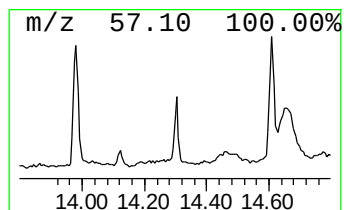
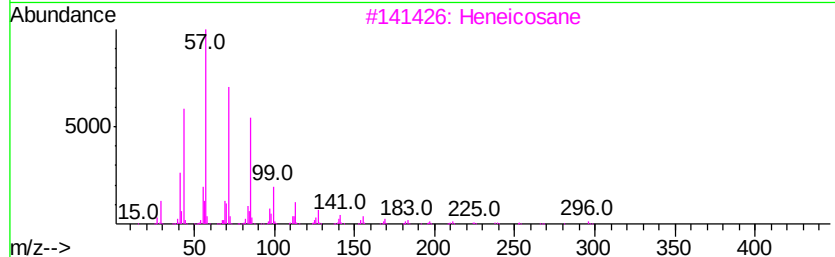
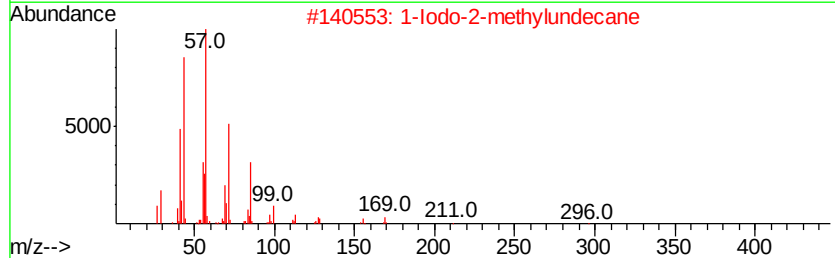
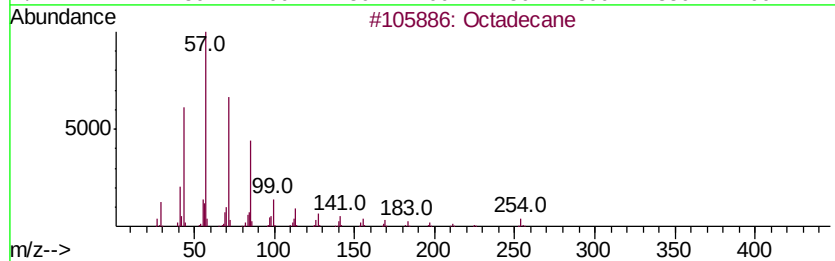
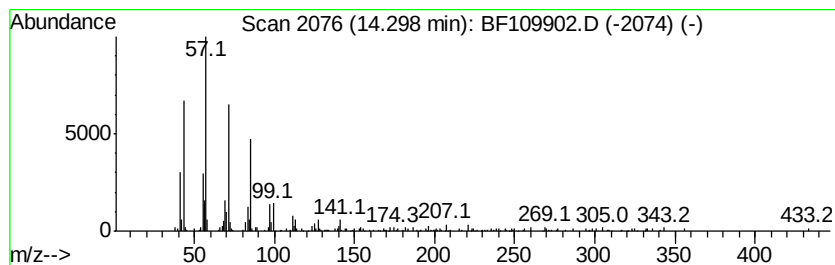
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.49 ng	300798	Chrysene-d12	14.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	91
2	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	90
3	Heneicosane	296 C21H44	000629-94-7	90
4	Hexacosane	366 C26H54	000630-01-3	90
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109902.D
Acq On : 16 Oct 2018 13:53
Operator : JU/SJ
Sample : J5524-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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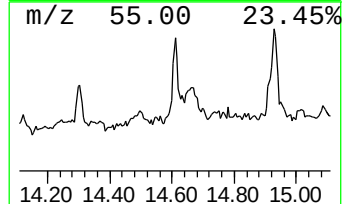
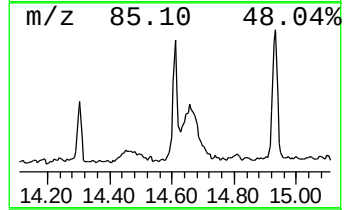
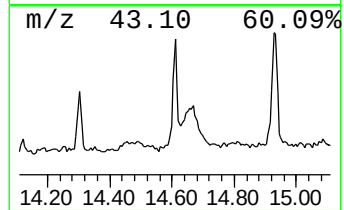
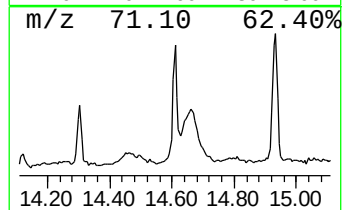
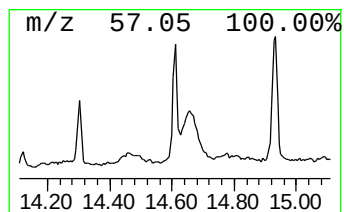
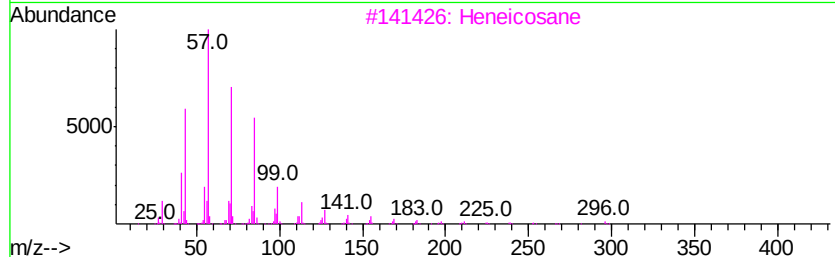
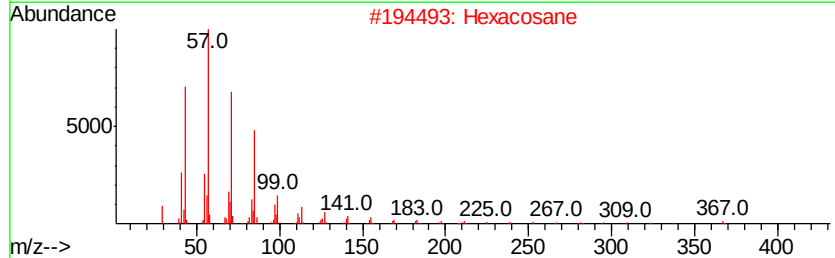
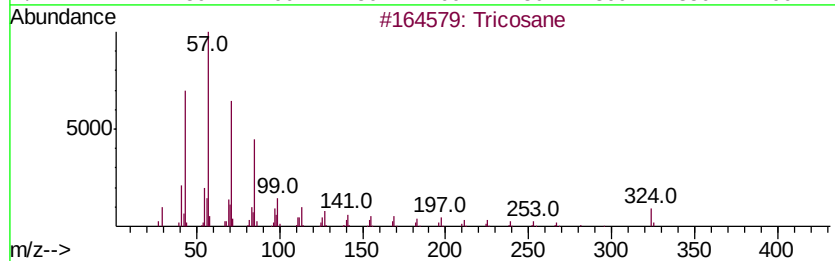
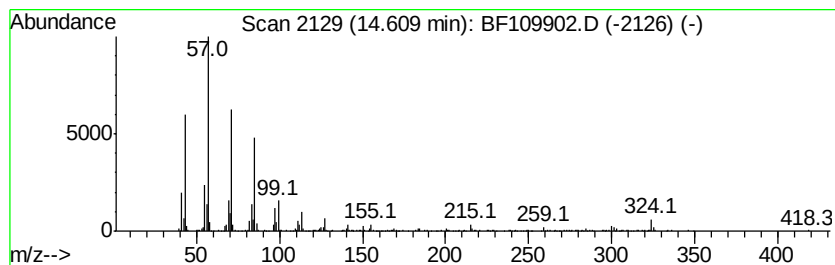
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tricosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	4.00 ng	344141	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109902.D
Acq On : 16 Oct 2018 13:53
Operator : JU/SJ
Sample : J5524-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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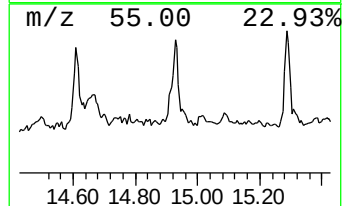
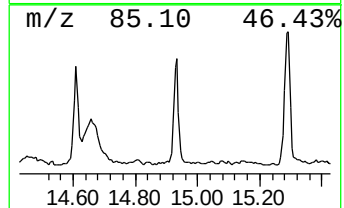
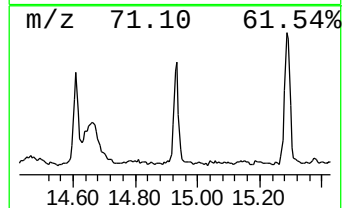
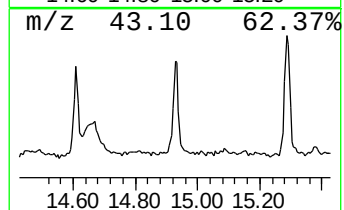
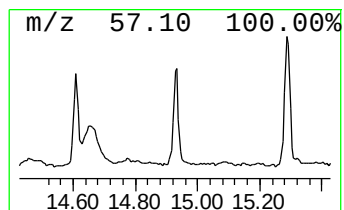
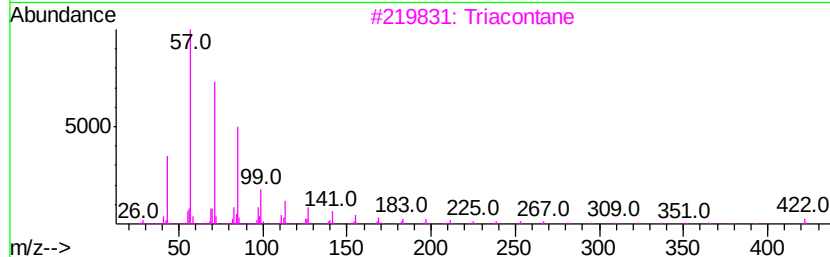
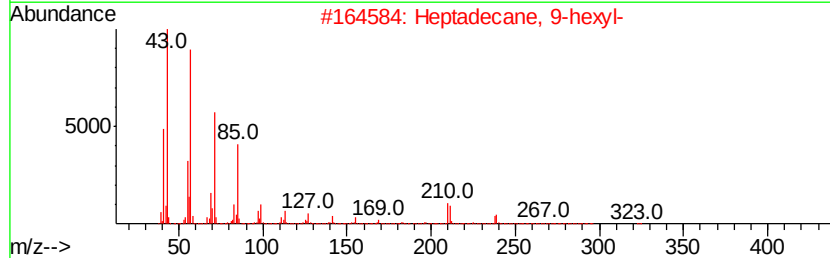
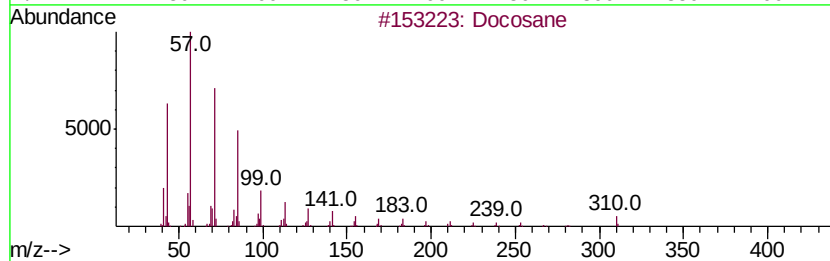
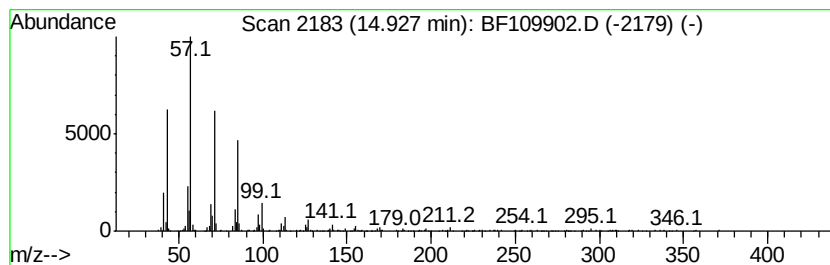
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	4.16 ng	520985	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109902.D
Acq On : 16 Oct 2018 13:53
Operator : JU/SJ
Sample : J5524-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BS-SOIL-1

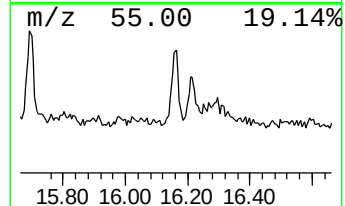
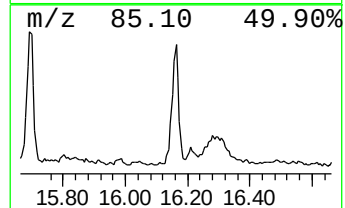
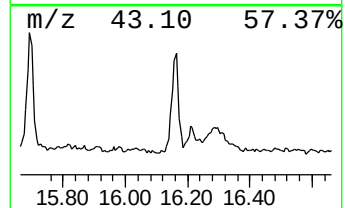
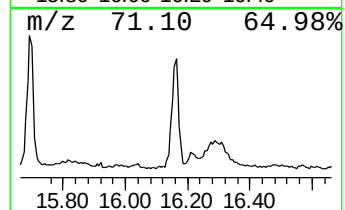
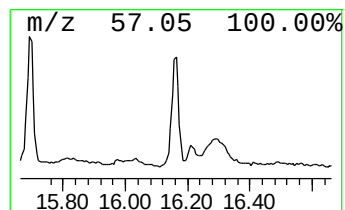
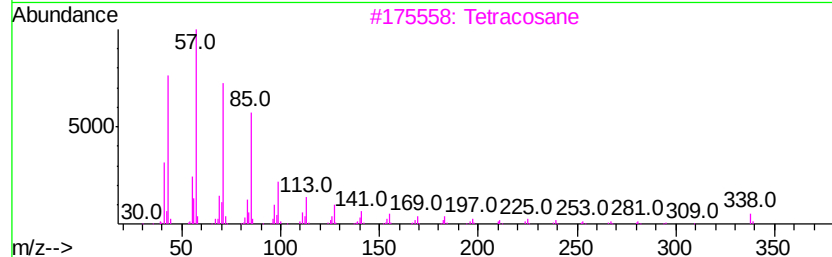
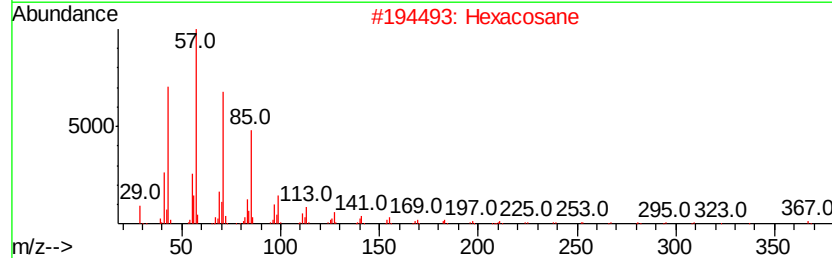
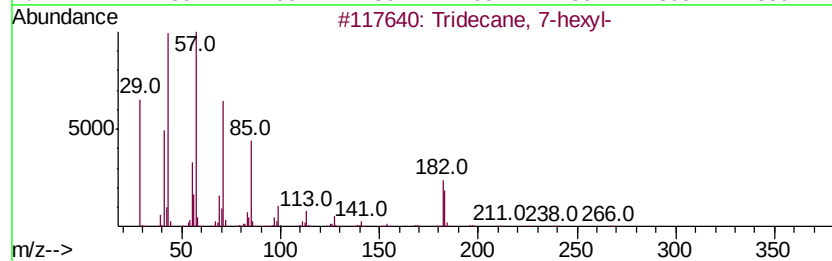
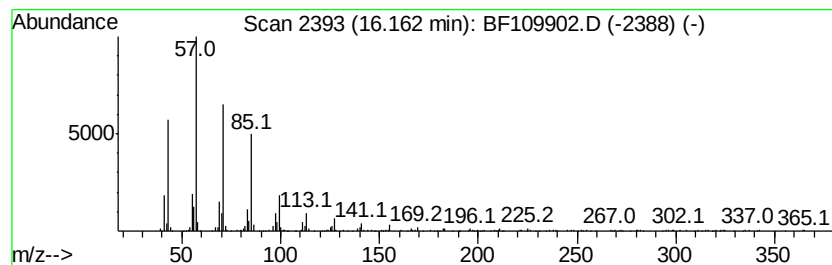
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 7-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.66 ng	459387	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101618\
Data File : BF109902.D
Acq On : 16 Oct 2018 13:53
Operator : JU/SJ
Sample : J5524-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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...	2.35	14.9	ng	1295870	1	6.98	1744170	20.0
2-Pentanone, 4-hy...	5.23	4.2	ng	363064	1	6.98	1744170	20.0
unknown6.75	6.75	89.0	ng	7761170	1	6.98	1744170	20.0
n-Hexadecanoic acid	12.02	3.9	ng	355973	4	11.52	1805210	20.0
n-Nonadecanol-1	12.54	2.3	ng	205631	4	11.52	1805210	20.0
Octadecanoic acid	12.81	6.8	ng	609059	4	11.52	1805210	20.0
5-Eicosene, (E)-	13.98	7.2	ng	622135	5	14.16	1721420	20.0
Octadecane	14.30	3.5	ng	300798	5	14.16	1721420	20.0
Tricosane	14.61	4.0	ng	344141	5	14.16	1721420	20.0
Docosane	14.93	4.2	ng	520985	6	15.69	2507330	20.0
Tridecane, 7-hexyl-	16.16	3.7	ng	459387	6	15.69	2507330	20.0