

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109660.D
 Acq On : 8 Oct 2018 21:01
 Operator : JU/SJ
 Sample : J5270-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3-SOIL

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-BF100818.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	4.916	477	481	492	rBV	56335	95547	3.30%	0.426%
2	5.328	547	551	577	rBV	1942909	2573195	89.00%	11.460%
3	6.357	721	726	741	rBV	1920290	2757377	95.37%	12.280%
4	6.475	741	746	770	rVB	2511844	2891243	100.00%	12.877%
5	6.698	780	784	806	rVB	458473	622039	21.51%	2.770%
6	6.851	806	810	835	rBV	1867733	2147010	74.26%	9.562%
7	7.263	876	880	914	rBV	1459357	1807665	62.52%	8.051%
8	7.975	998	1001	1013	rBV	586457	705459	24.40%	3.142%
9	9.051	1180	1184	1197	rBV	2665899	2628346	90.91%	11.706%
10	9.445	1247	1251	1259	rBV	137436	140898	4.87%	0.628%
11	9.722	1294	1298	1316	rBV2	693842	695552	24.06%	3.098%
12	10.510	1428	1432	1449	rBV	1302475	1412485	48.85%	6.291%
13	11.198	1546	1549	1560	rBV	515558	576243	19.93%	2.566%
14	11.739	1637	1641	1648	rBV2	45851	60820	2.10%	0.271%
15	12.780	1814	1818	1830	rBV	1890852	1733334	59.95%	7.720%
16	13.686	1968	1972	1983	rBV2	96250	148303	5.13%	0.660%
17	13.827	1991	1996	2003	rBV	532188	581290	20.11%	2.589%
18	13.998	2021	2025	2028	rBV	42479	41853	1.45%	0.186%
19	14.298	2074	2076	2080	rBV	40323	39102	1.35%	0.174%
20	14.592	2123	2126	2130	rVB	52959	51764	1.79%	0.231%
21	14.904	2175	2179	2183	rVB	61479	65563	2.27%	0.292%
22	15.221	2229	2233	2237	rBV	376255	495448	17.14%	2.207%
23	15.651	2301	2306	2311	rVB	59907	83257	2.88%	0.371%
24	16.103	2379	2383	2388	rBV2	35784	59289	2.05%	0.264%
25	16.633	2470	2473	2481	rVB5	22316	40350	1.40%	0.180%

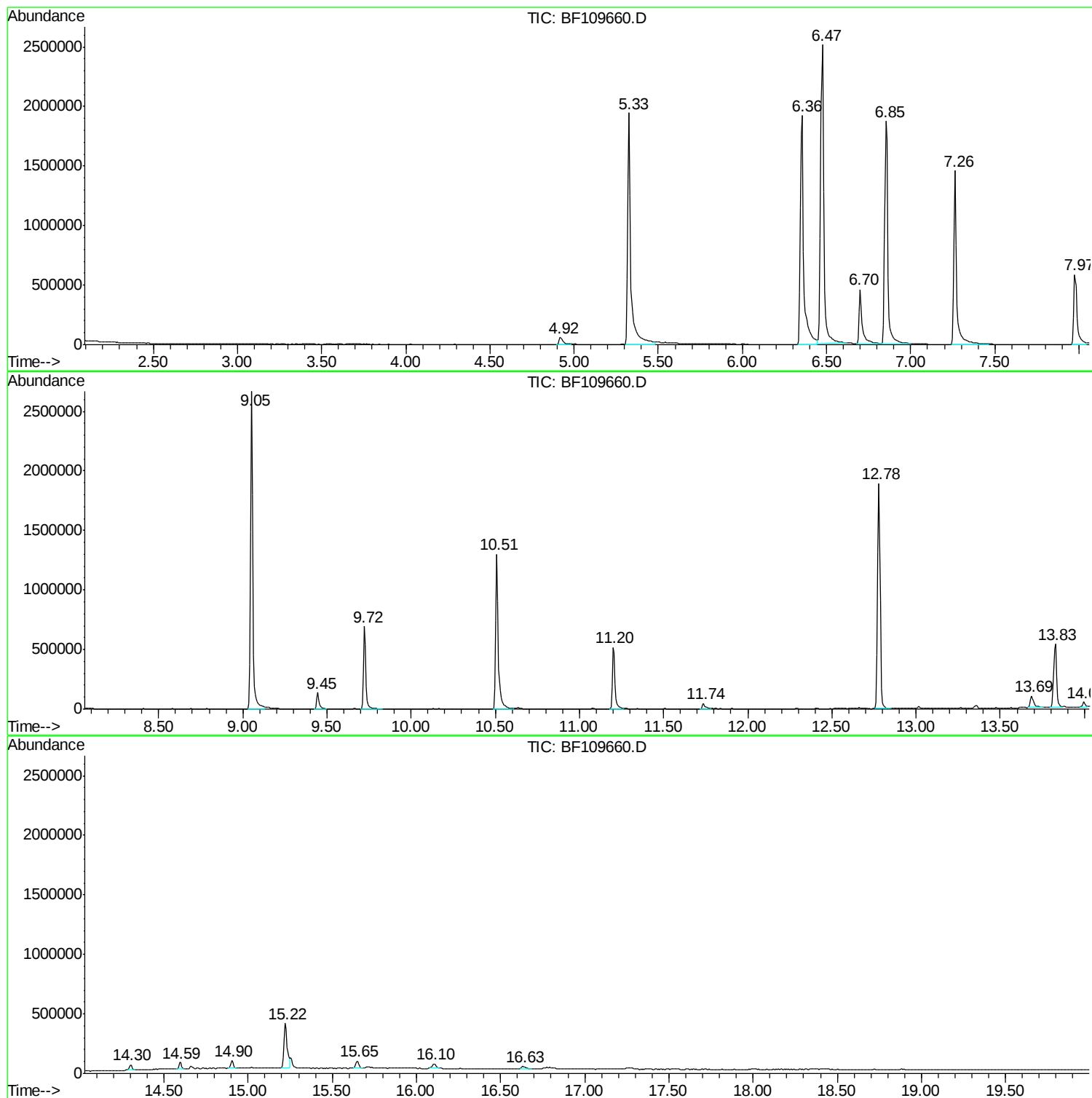
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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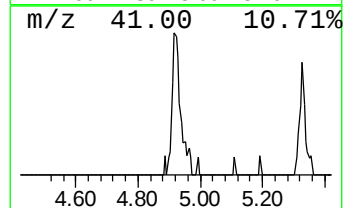
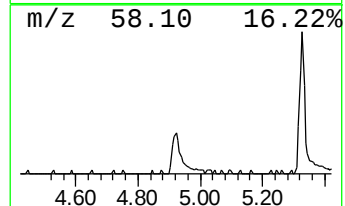
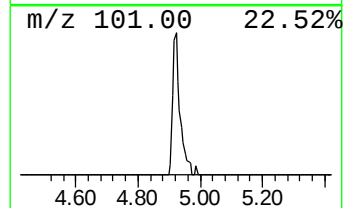
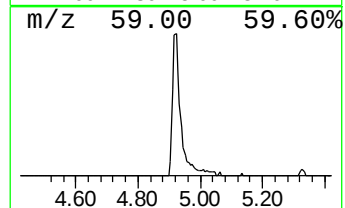
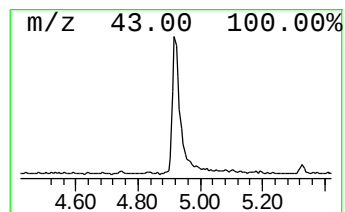
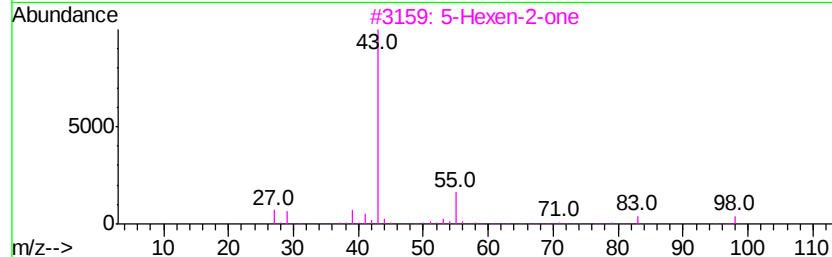
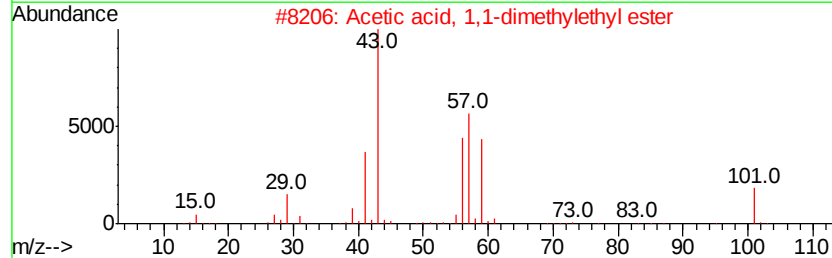
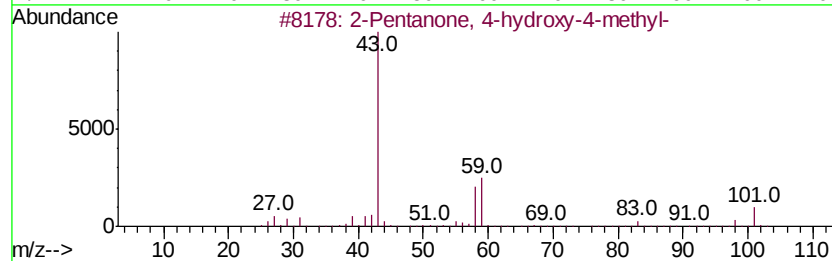
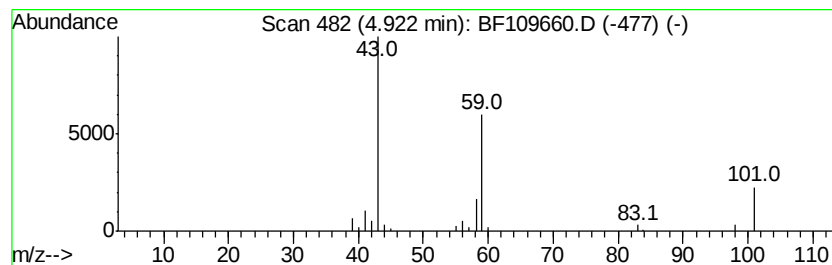
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.07 ng	95547	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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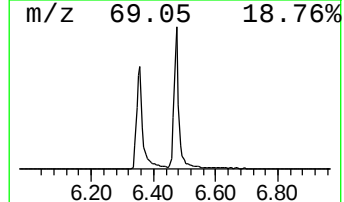
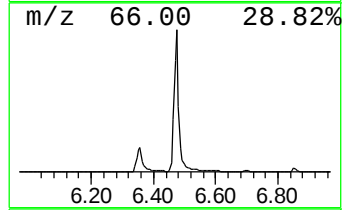
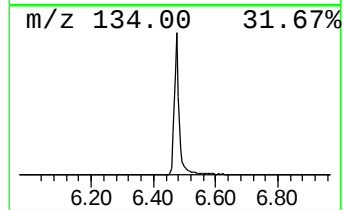
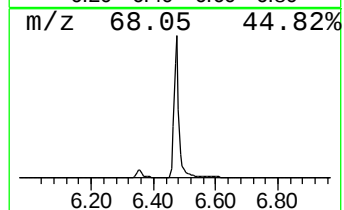
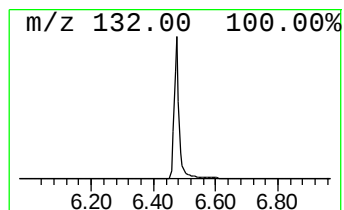
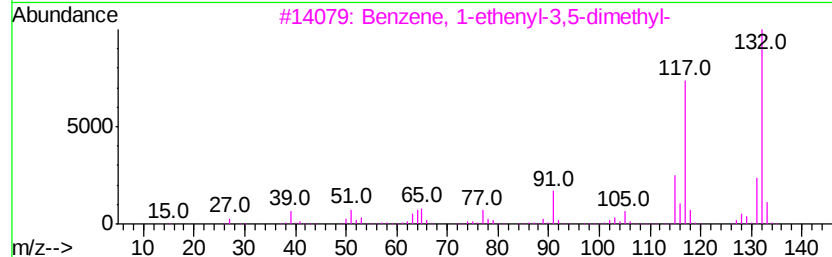
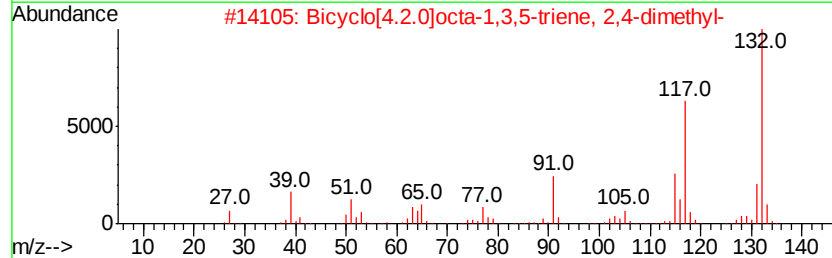
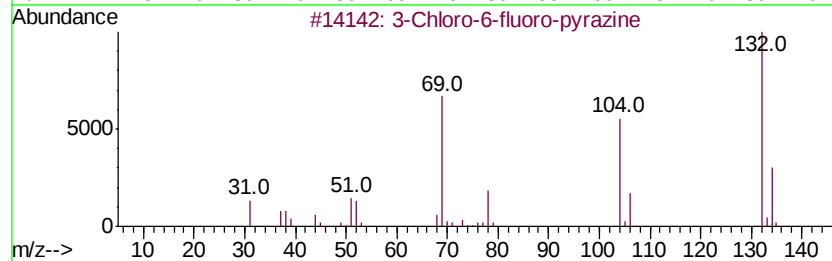
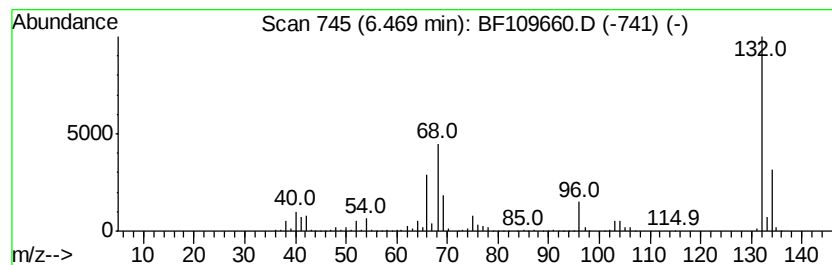
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	92.96 ng	2891240	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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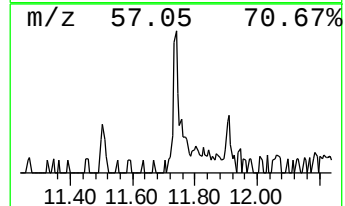
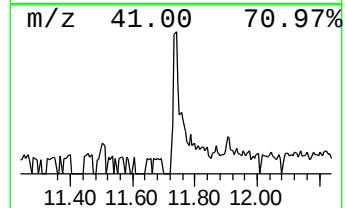
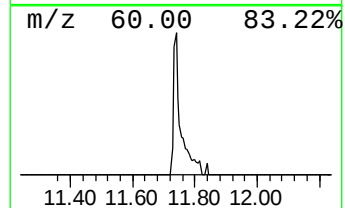
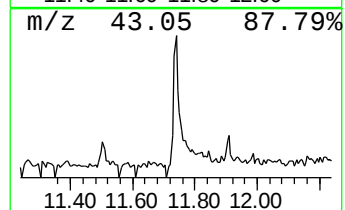
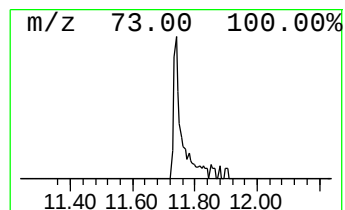
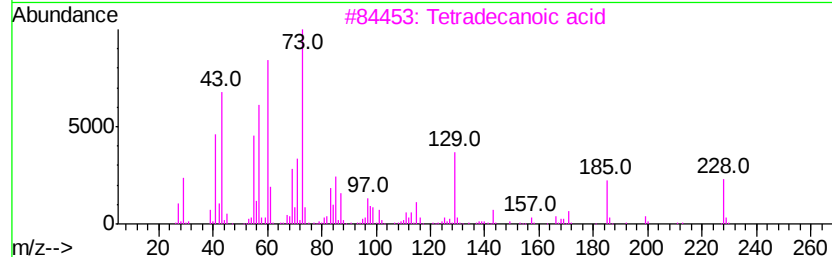
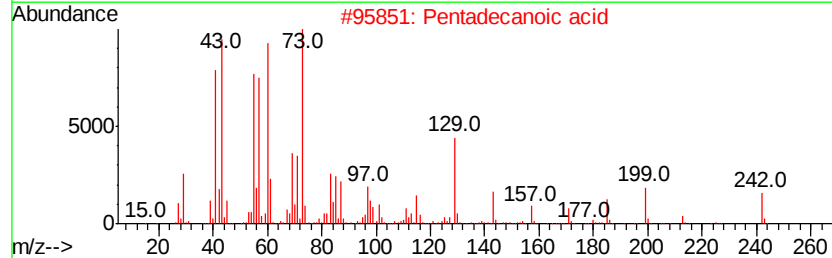
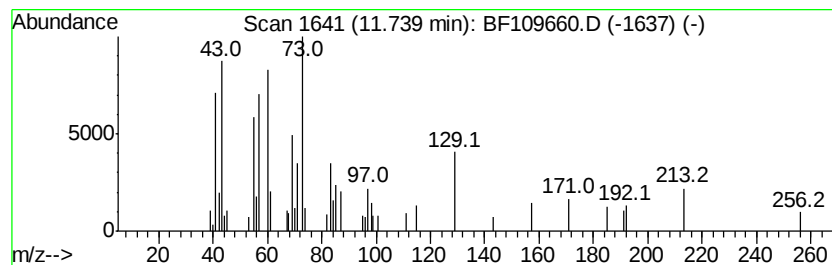
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.11 ng	60820	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50



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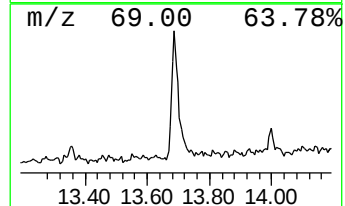
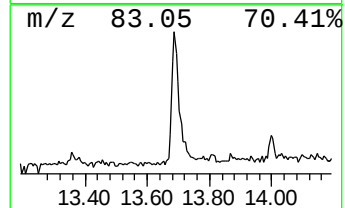
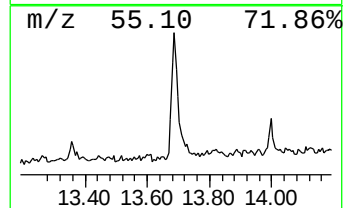
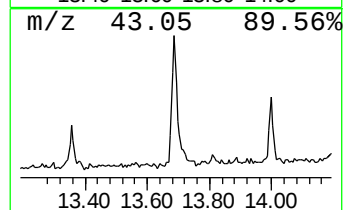
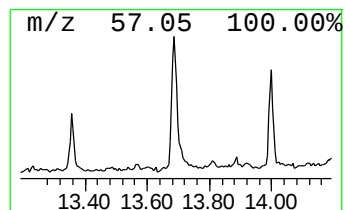
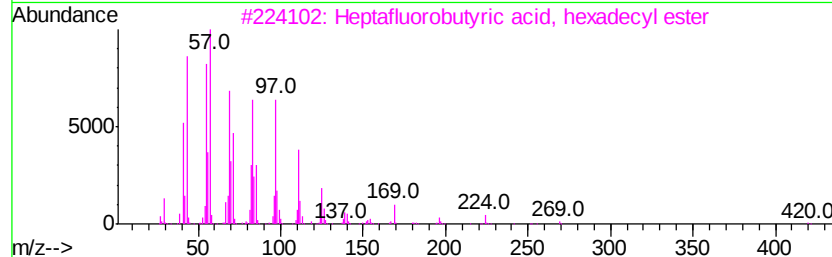
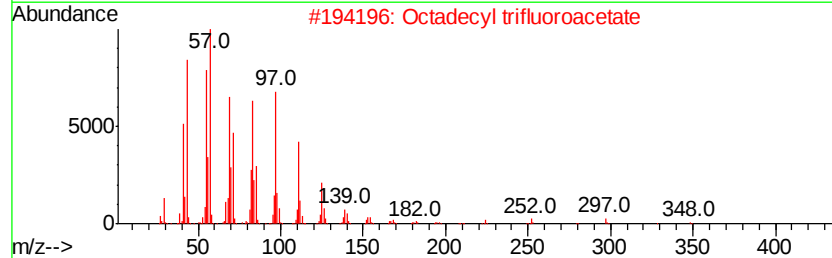
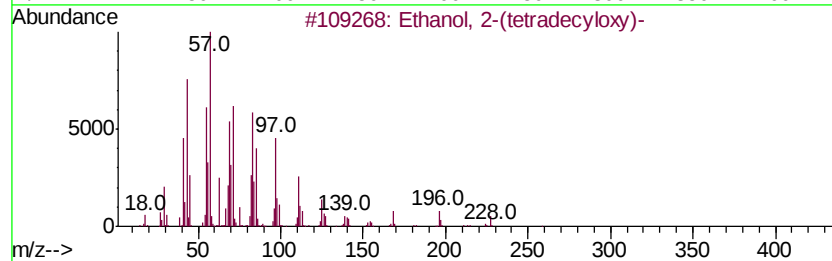
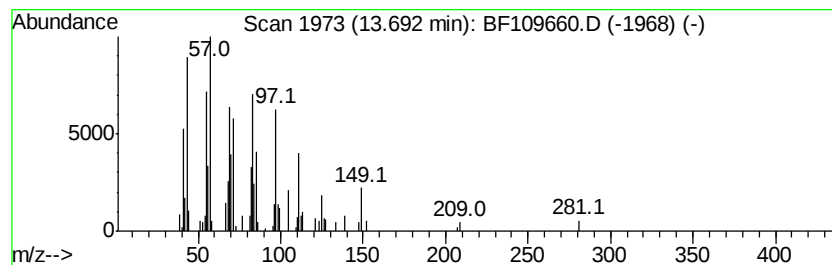
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.69	5.10 ng	148303	Chrysene-d12	13.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	76
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	76



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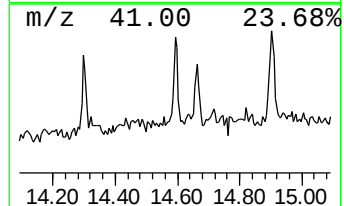
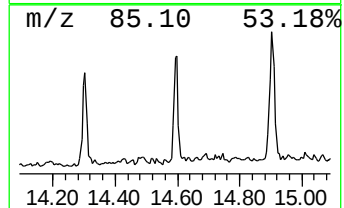
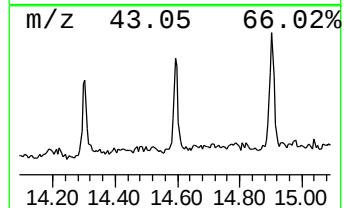
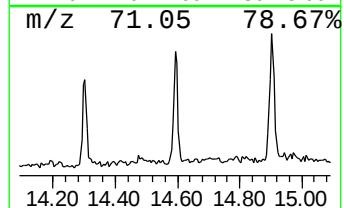
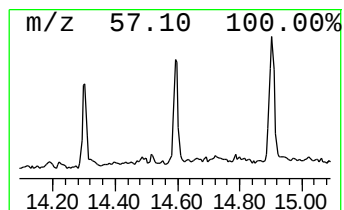
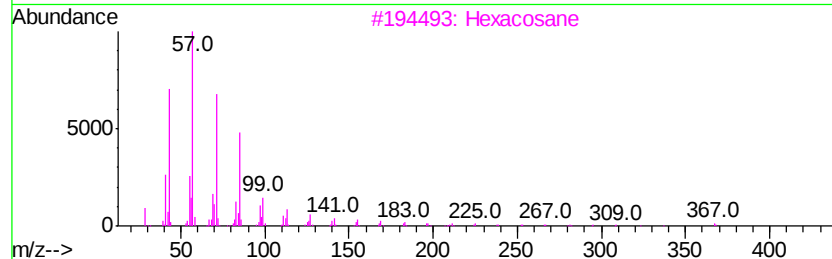
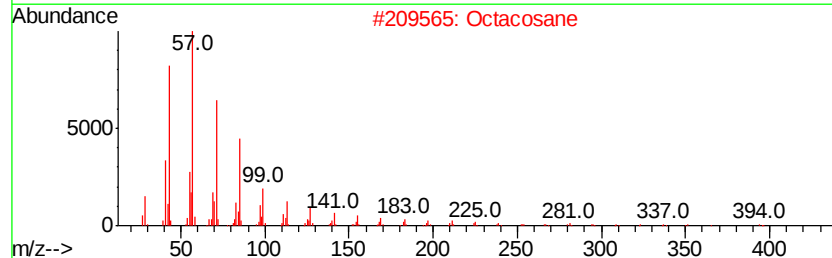
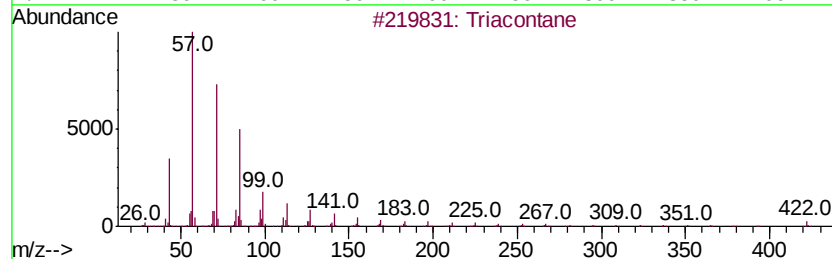
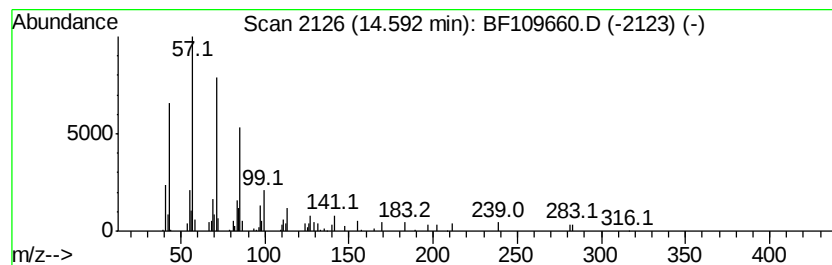
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.09 ng	51764	Perylene-d12	15.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	90



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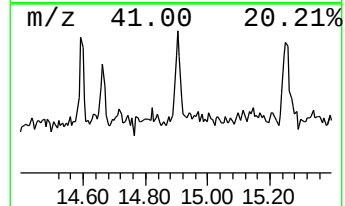
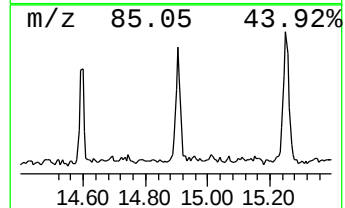
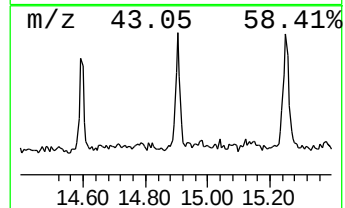
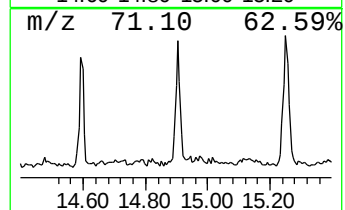
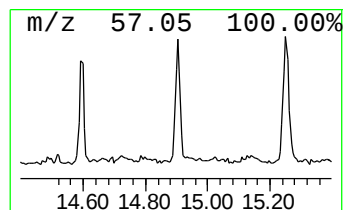
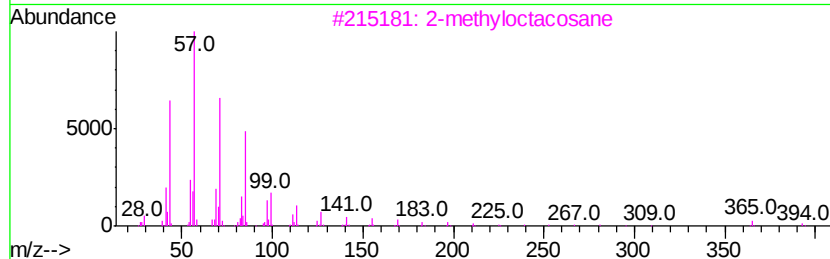
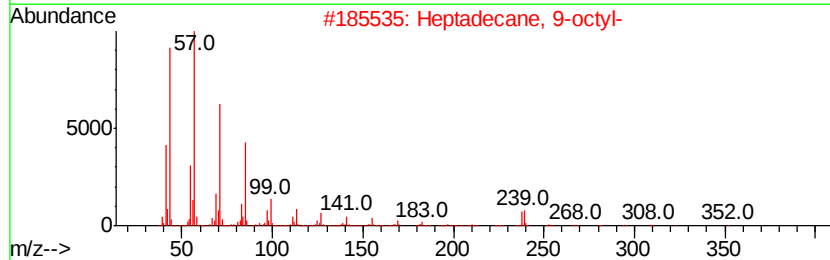
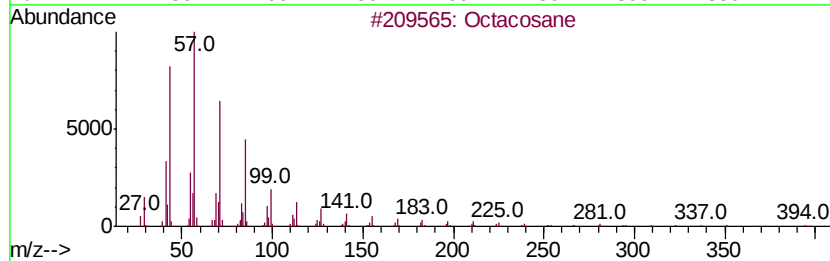
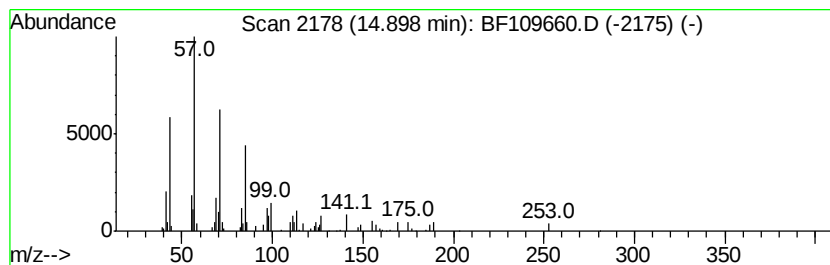
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ClientSampleId :
PHASE-3-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.65 ng	65563	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	triacontane	422 C30H62	000638-68-6	91
5	Octadecane	254 C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109660.D
Acq On : 8 Oct 2018 21:01
Operator : JU/SJ
Sample : J5270-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

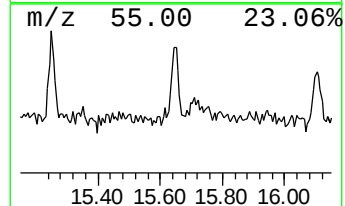
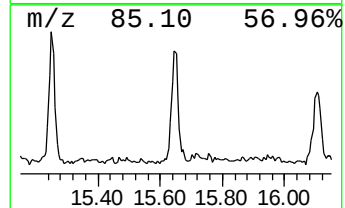
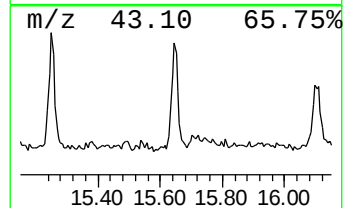
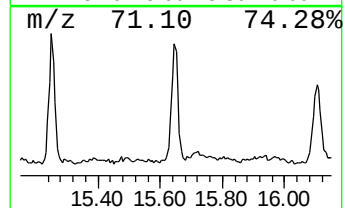
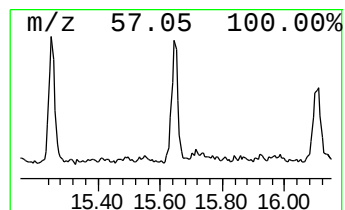
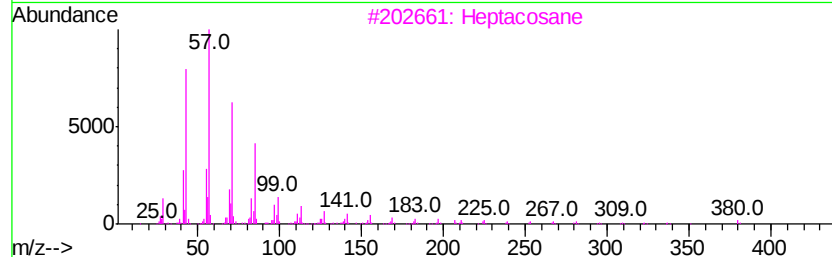
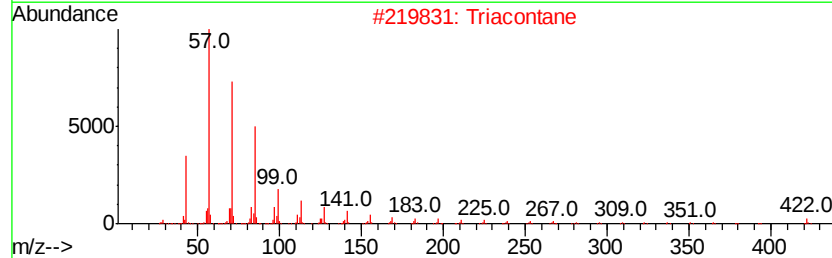
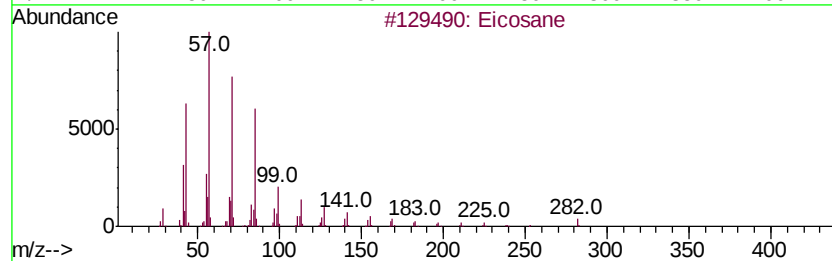
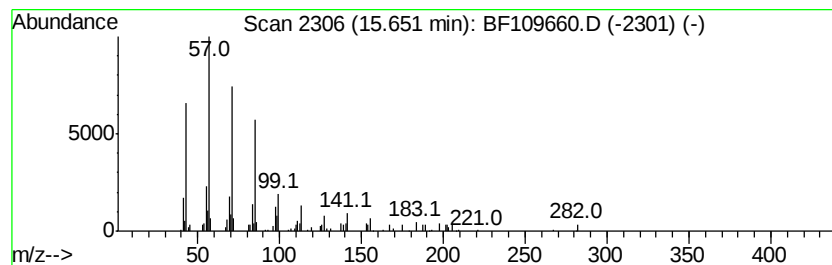
Instrument :
BNA_F
ClientSampleId :
PHASE-3-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	3.36 ng	83257	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Triacontane	422 C30H62	000638-68-6	90
3	Heptacosane	380 C27H56	000593-49-7	87
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	86
5	2-methyloctacosane	408 C29H60	1000376-72-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109660.D
Acq On : 8 Oct 2018 21:01
Operator : JU/SJ
Sample : J5270-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHASE-3-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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...	4.92	3.1	ng	95547	1	6.70	622039	20.0
unknown6.47	6.47	93.0	ng	2891240	1	6.70	622039	20.0
n-Hexadecanoic acid	11.74	2.1	ng	60820	4	11.20	576243	20.0
Ethanol, 2-(tetra...	13.69	5.1	ng	148303	5	13.83	581290	20.0
triacontane	14.59	2.1	ng	51764	6	15.22	495448	20.0
Octacosane	14.90	2.6	ng	65563	6	15.22	495448	20.0
Eicosane	15.65	3.4	ng	83257	6	15.22	495448	20.0