

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
 Data File : BF117809.D
 Acq On : 15 Nov 2019 18:08
 Operator : JU
 Sample : K5861-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-8

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-BF111319.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	2.187	12	17	23	rVB	637916	847250	14.05%	1.616%
2	5.128	509	517	526	rBV	840896	996151	16.52%	1.900%
3	5.528	580	585	588	rBV	4511884	4292698	71.17%	8.186%
4	6.534	751	756	761	rBV	4322596	4594847	76.18%	8.762%
5	6.687	777	782	785	rBV	5050401	4668374	77.40%	8.903%
6	6.916	818	821	825	rVB	1621417	1358733	22.53%	2.591%
7	7.075	844	848	851	rBV	4433062	3699006	61.33%	7.054%
8	7.481	912	917	920	rBV	3030524	2890448	47.92%	5.512%
9	8.204	1036	1040	1044	rBV	2216593	1774595	29.42%	3.384%
10	9.286	1219	1224	1227	rBV	5968670	5493669	91.08%	10.477%
11	9.675	1286	1290	1294	rBV	654738	500912	8.31%	0.955%
12	9.969	1336	1340	1343	rBV	2496622	2079924	34.48%	3.966%
13	10.757	1469	1474	1477	rBV	4274391	3755677	62.27%	7.162%
14	11.457	1589	1593	1597	rBV	2604129	2235848	37.07%	4.264%
15	11.980	1678	1682	1687	rBV	336535	327298	5.43%	0.624%
16	12.769	1813	1816	1825	rBV2	93916	140009	2.32%	0.267%
17	12.927	1840	1843	1852	rBV2	95612	185087	3.07%	0.353%
18	13.051	1860	1864	1867	rBV	6795196	6031418	100.00%	11.502%
19	13.957	2014	2018	2033	rBV2	213304	505410	8.38%	0.964%
20	14.110	2037	2044	2047	rBV	1996553	1995266	33.08%	3.805%
21	14.269	2068	2071	2075	rBV	206706	195243	3.24%	0.372%
22	14.580	2120	2124	2129	rBV	322134	291698	4.84%	0.556%
23	14.898	2174	2178	2187	rVB	369366	367000	6.08%	0.700%
24	14.980	2188	2192	2197	rVB	83897	90526	1.50%	0.173%
25	15.251	2234	2238	2245	rBV	324982	376733	6.25%	0.718%
26	15.615	2294	2300	2304	rBV	1485020	1935365	32.09%	3.691%
27	15.657	2304	2307	2313	rVB	270310	351351	5.83%	0.670%
28	16.115	2379	2385	2392	rBV	189778	291907	4.84%	0.557%
29	16.651	2470	2476	2482	rVB2	89786	165450	2.74%	0.316%

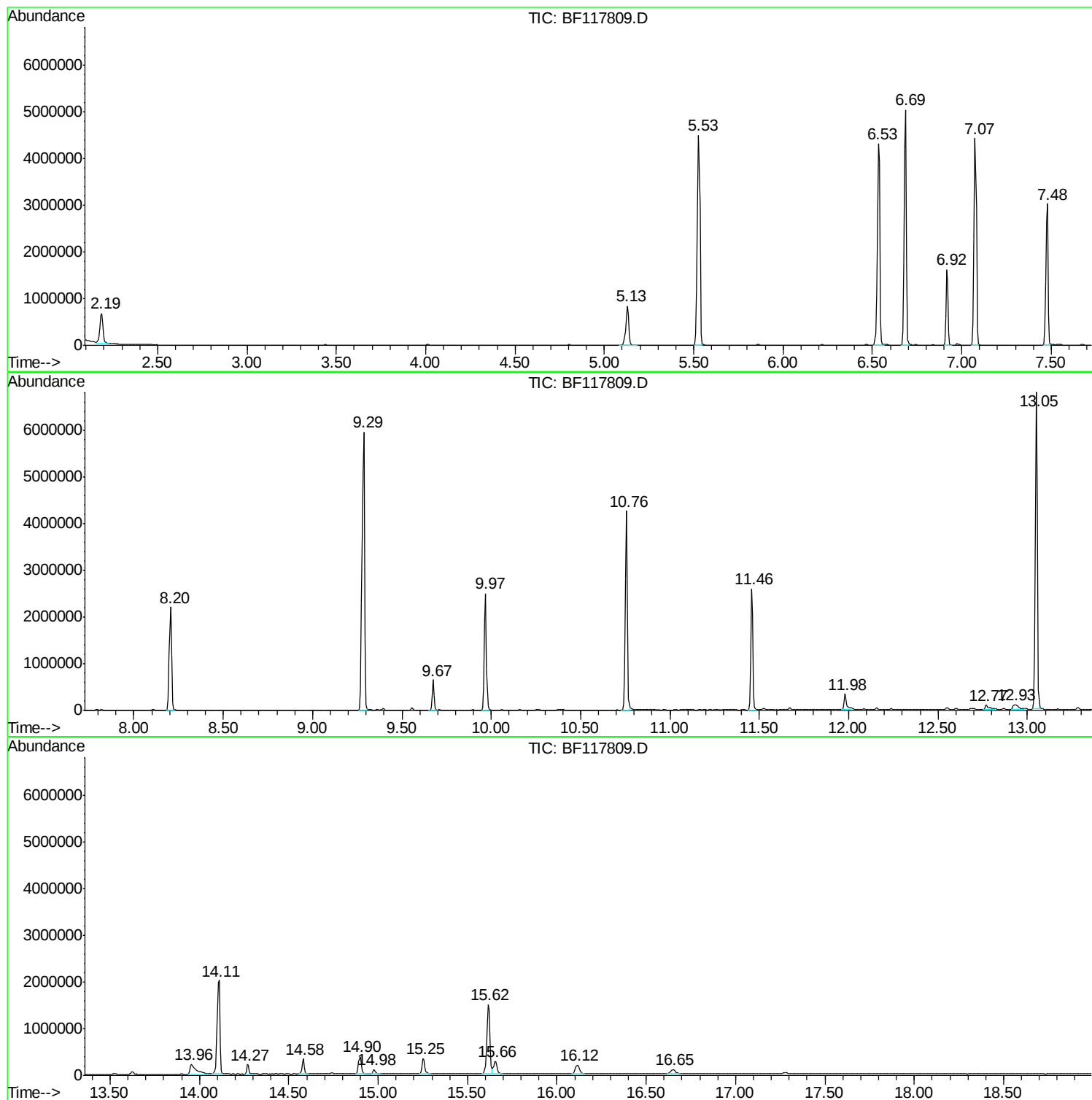
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ALS Vial : 9 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.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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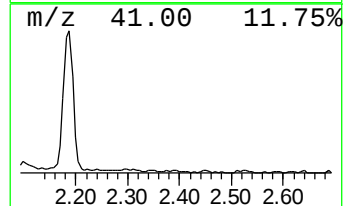
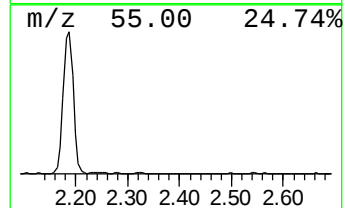
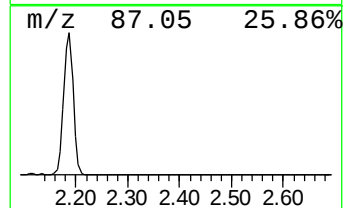
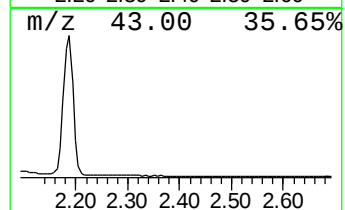
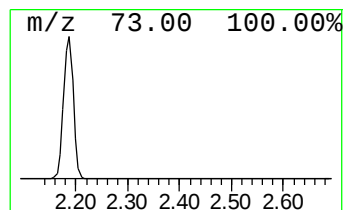
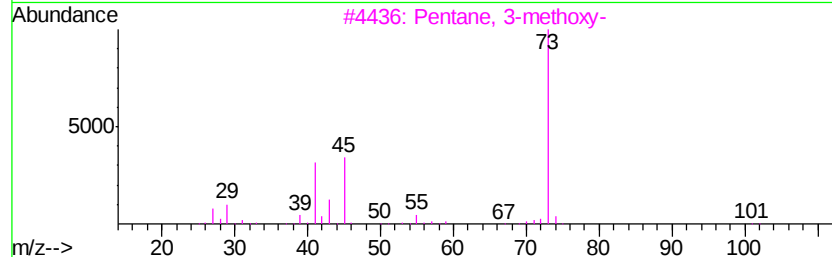
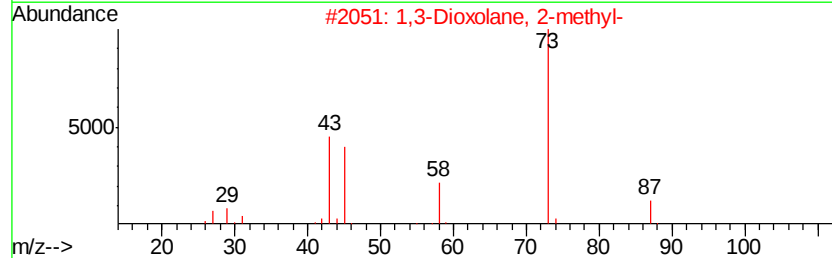
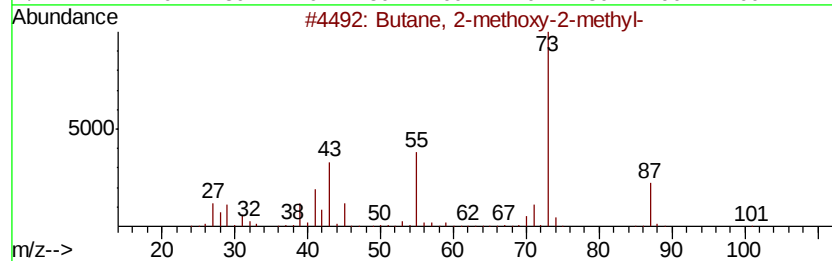
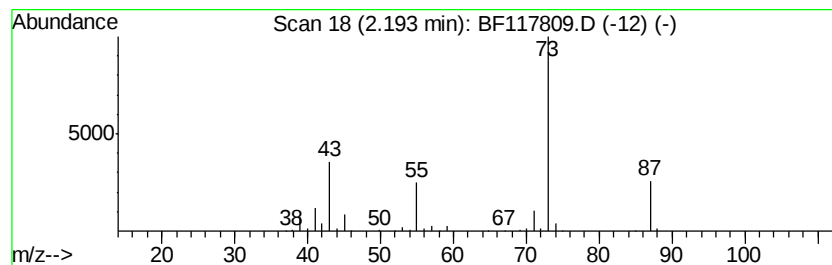
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	12.47 ng	847250	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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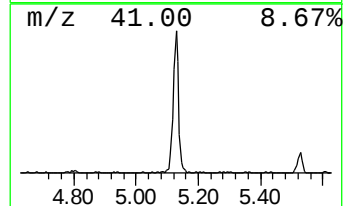
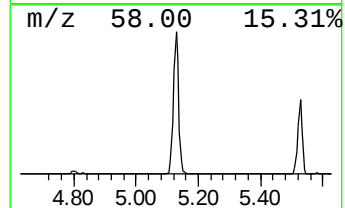
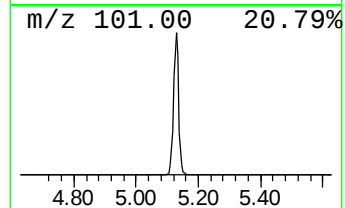
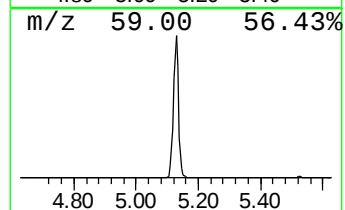
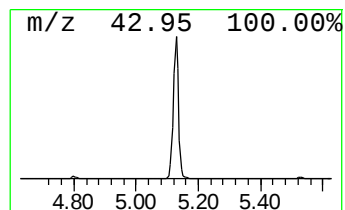
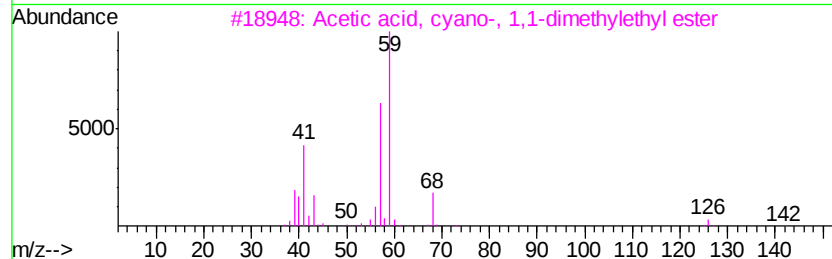
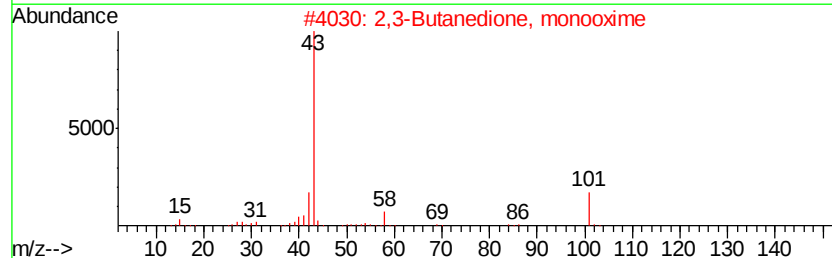
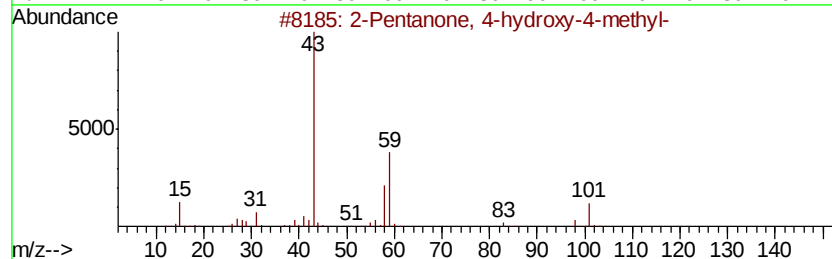
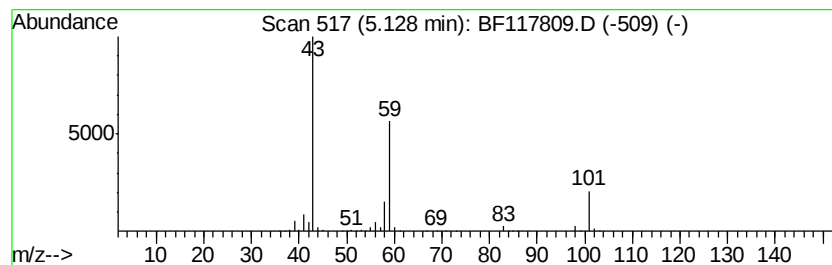
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.66 ng	996151	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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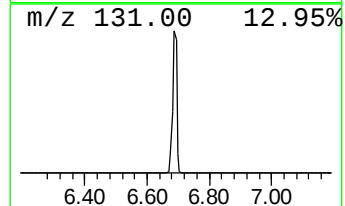
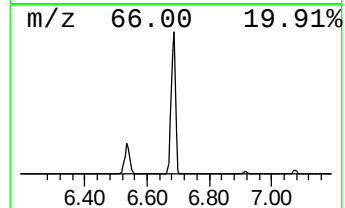
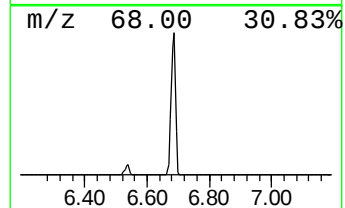
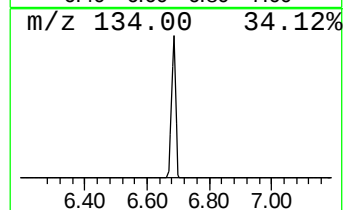
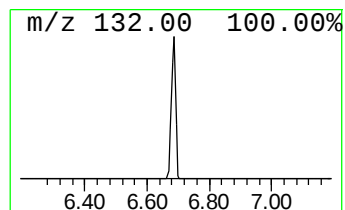
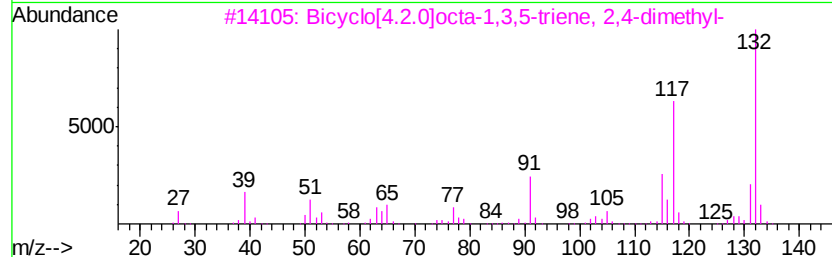
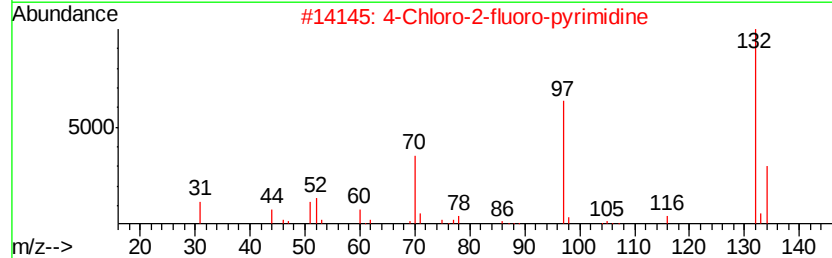
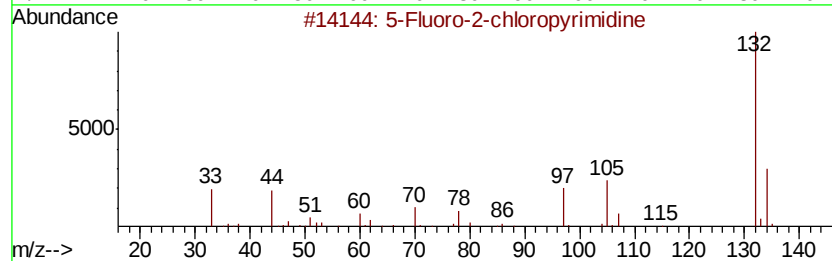
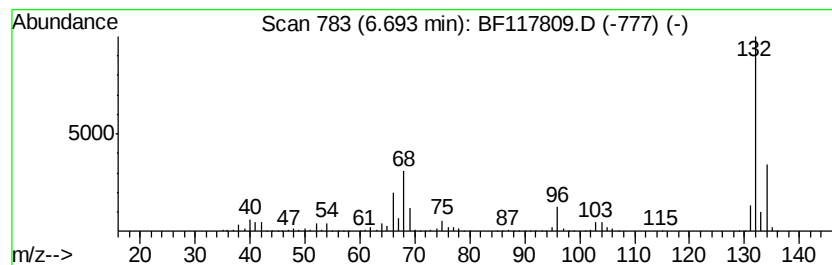
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Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	68.72 ng	4668370	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
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		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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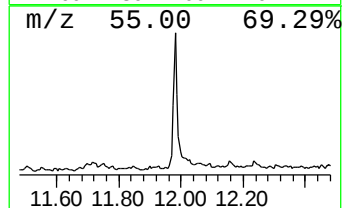
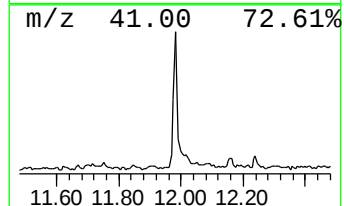
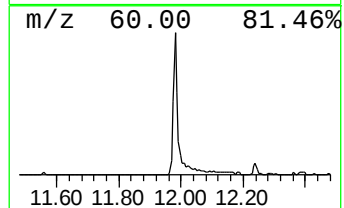
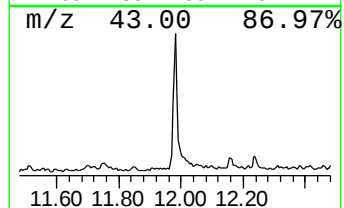
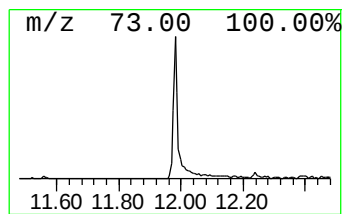
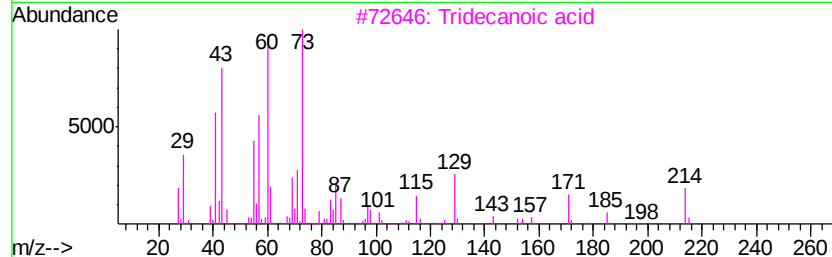
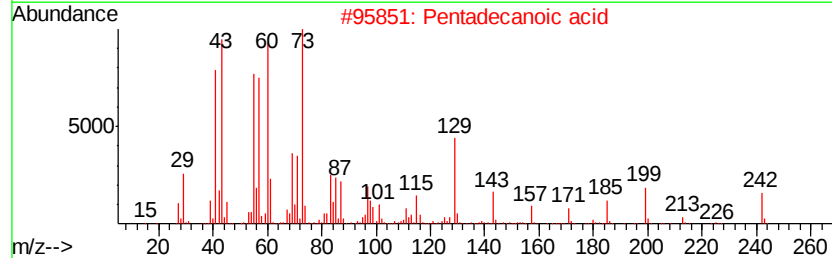
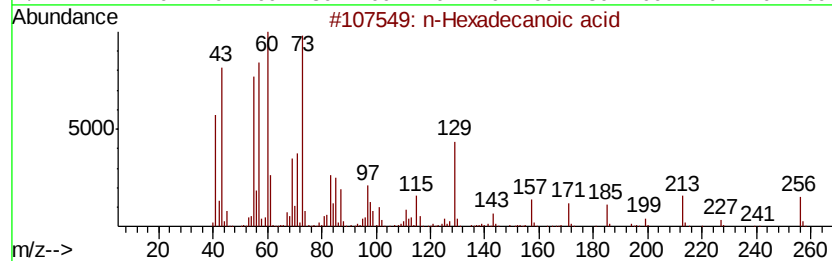
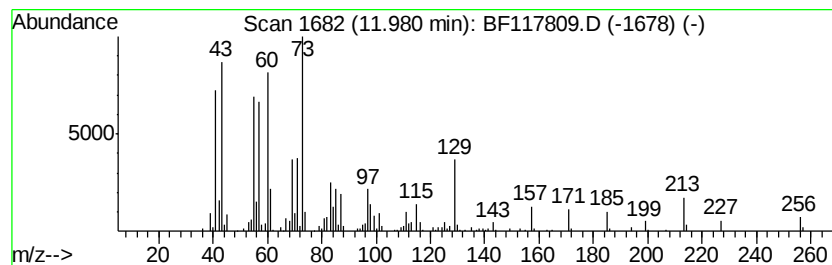
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.93 ng	327298	Phenanthrene-d10	11.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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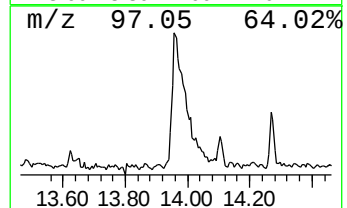
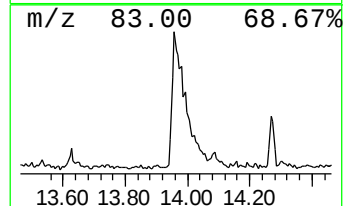
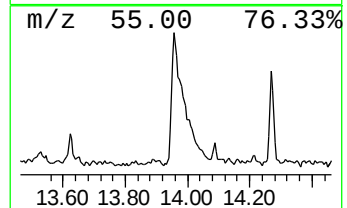
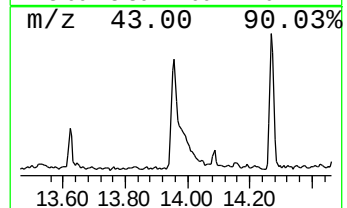
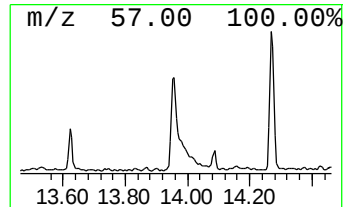
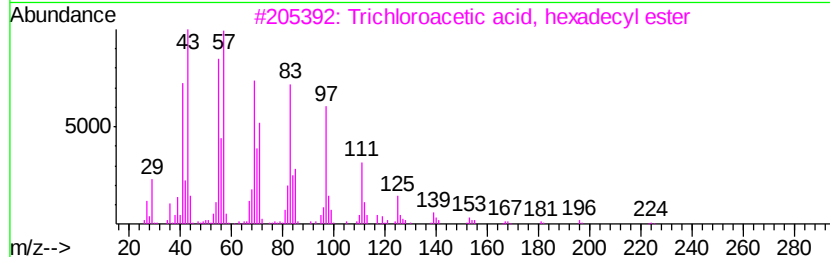
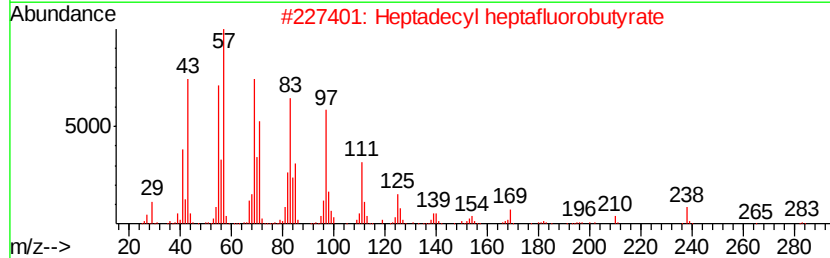
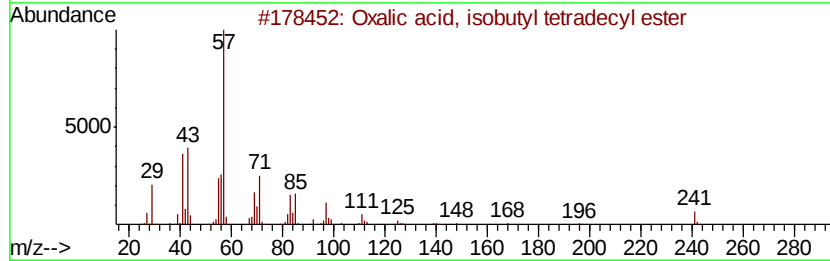
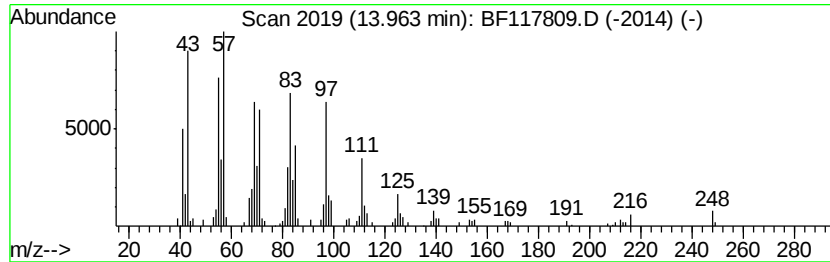
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Peak Number 6 Oxalic acid, isobutyl tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.07 ng	505410	Chrysene-d12	14.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
5		1-Docosene	308	C22H44	001599-67-3	64



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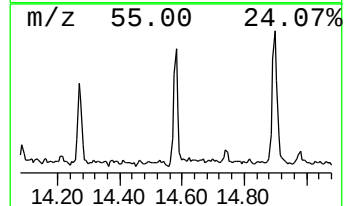
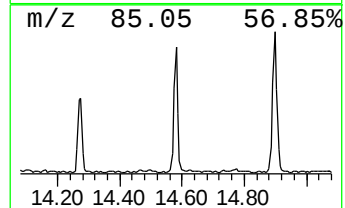
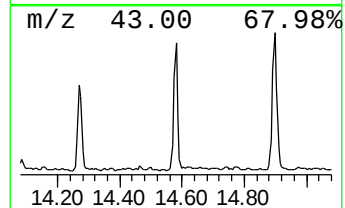
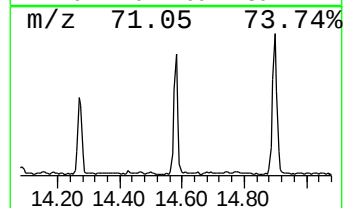
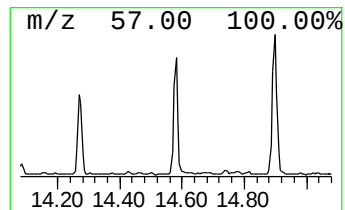
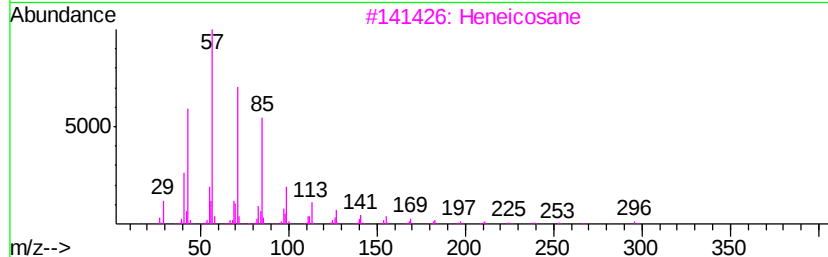
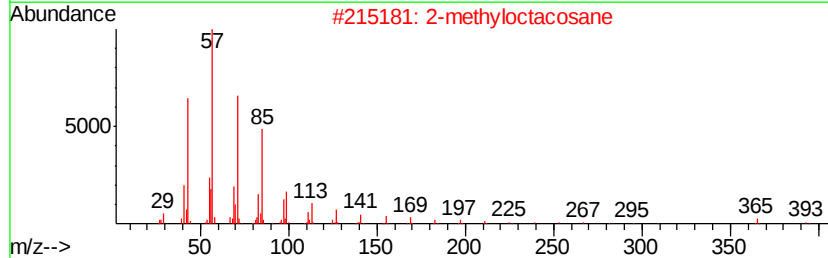
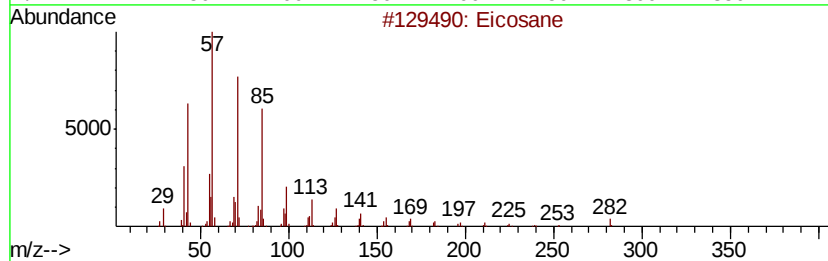
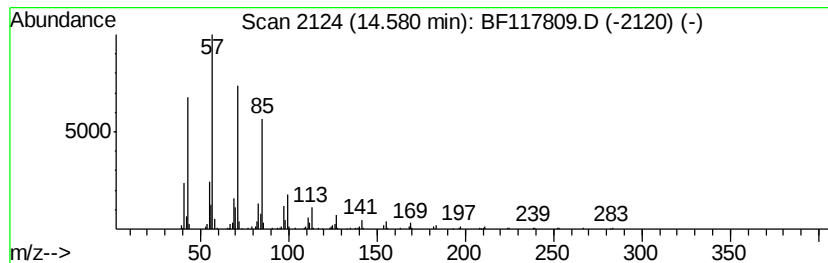
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.92 ng	291698	Chrysene-d12	14.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117809.D
Acq On : 15 Nov 2019 18:08
Operator : JU
Sample : K5861-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

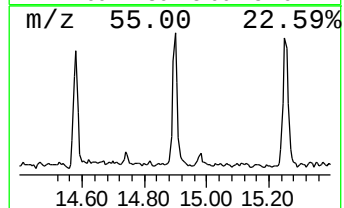
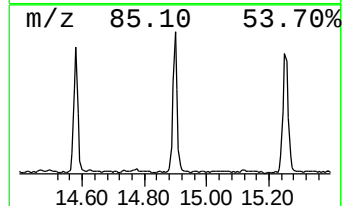
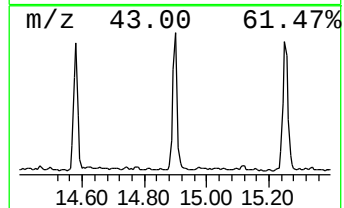
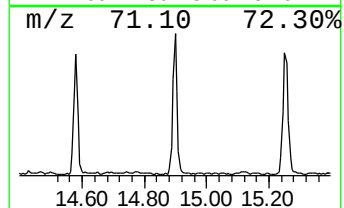
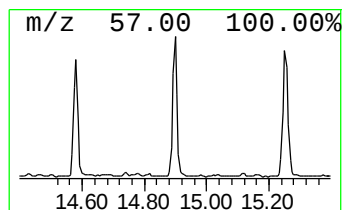
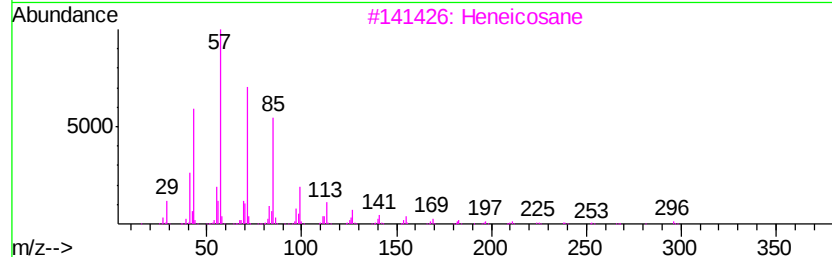
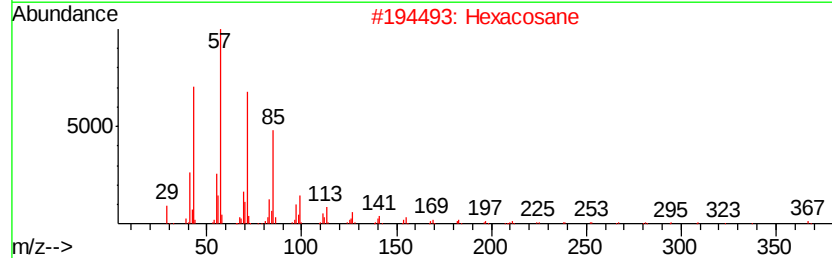
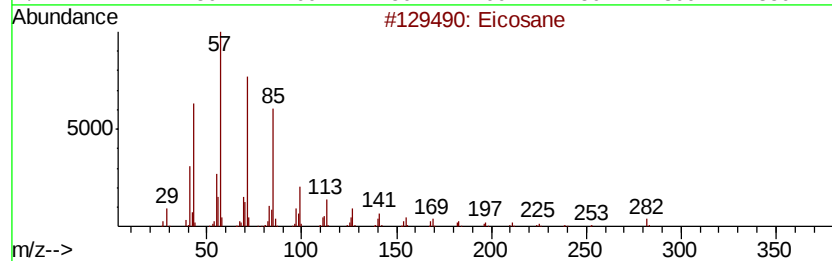
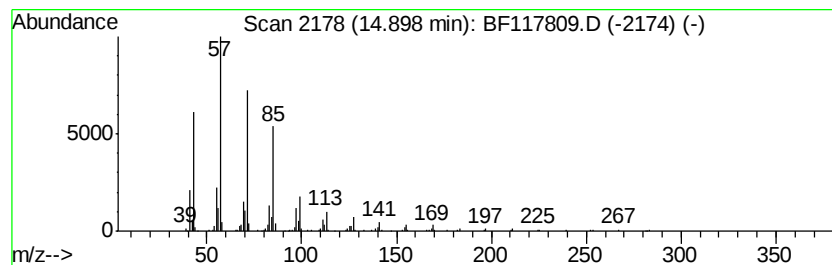
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ClientSampleId :
EP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.79 ng	367000	Perylene-d12	15.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	98
2	Hexacosane	366 C26H54	000630-01-3	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	90
5	Hexadecane	226 C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117809.D
Acq On : 15 Nov 2019 18:08
Operator : JU
Sample : K5861-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-8

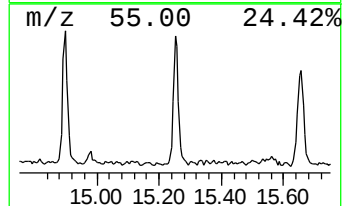
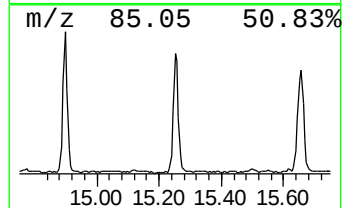
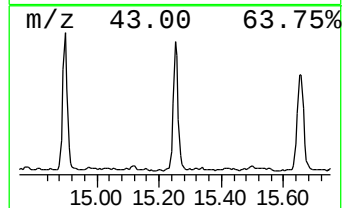
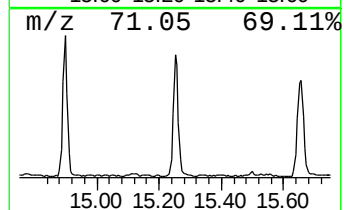
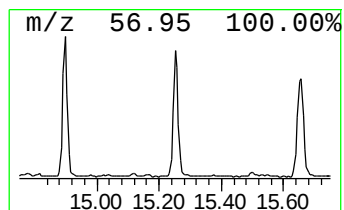
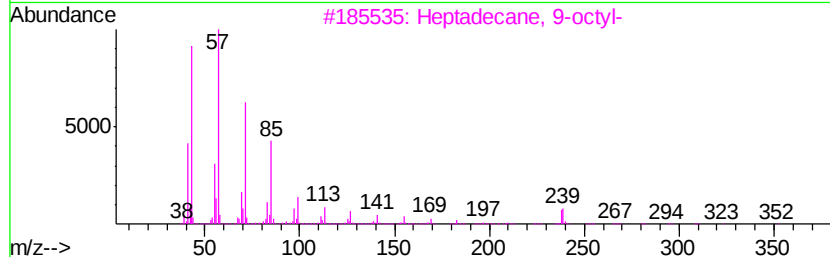
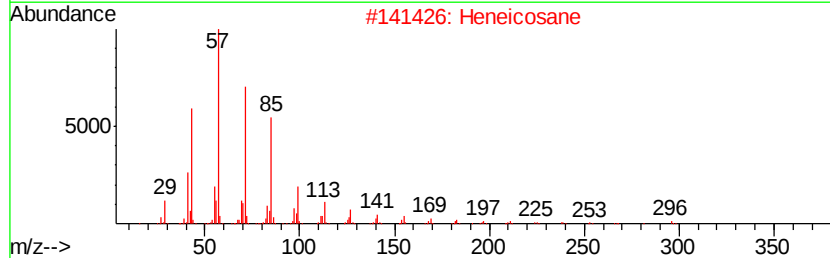
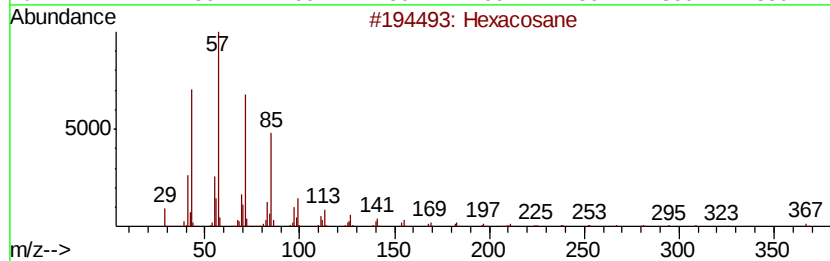
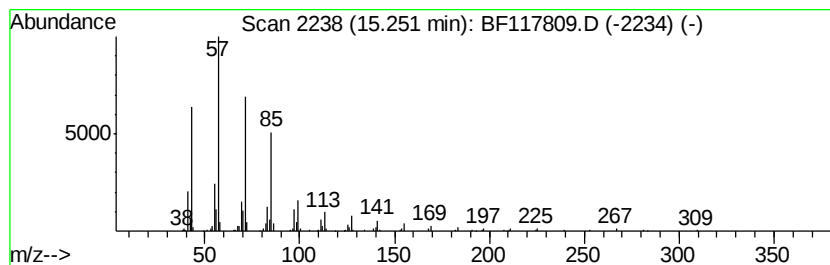
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.89 ng	376733	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		triacontane	422	C30H62	000638-68-6	91
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117809.D
Acq On : 15 Nov 2019 18:08
Operator : JU
Sample : K5861-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-8

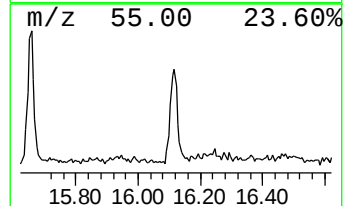
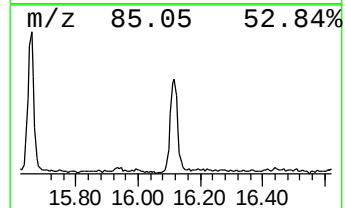
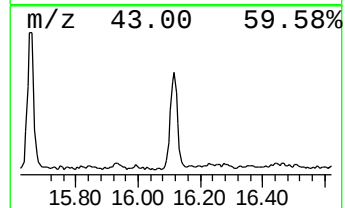
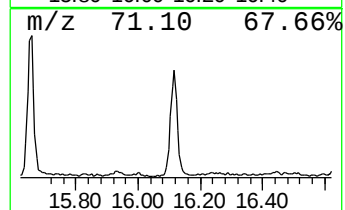
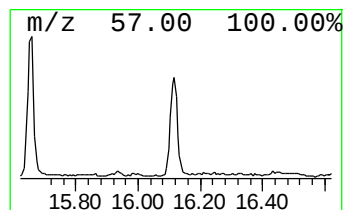
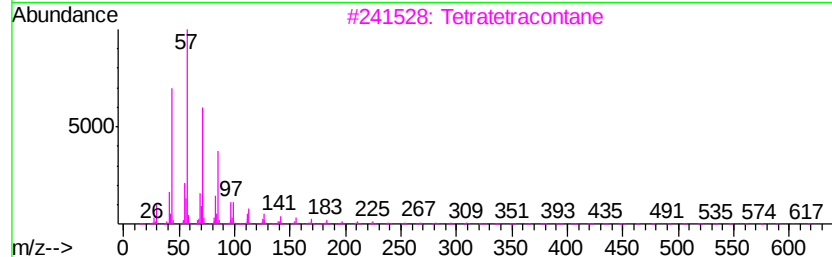
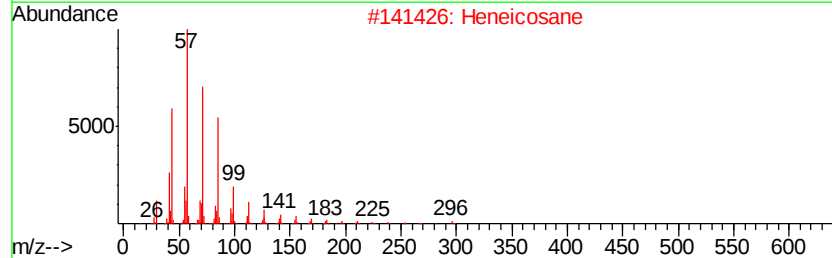
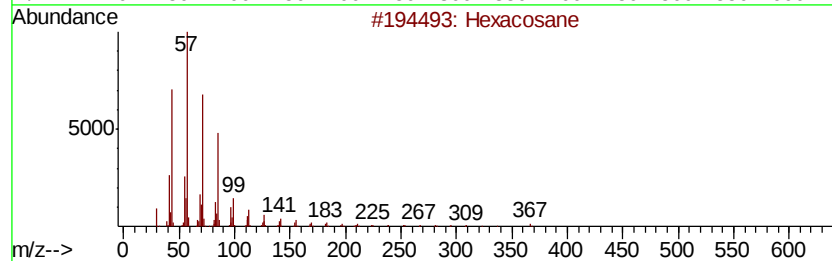
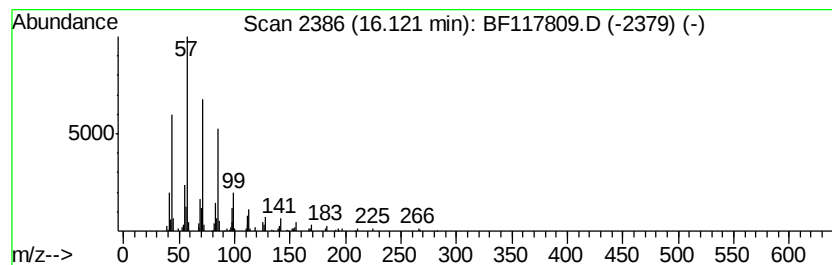
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.02 ng	291907	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
Data File : BF117809.D
Acq On : 15 Nov 2019 18:08
Operator : JU
Sample : K5861-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.19	12.5	ng	847250	1	6.92	1358730	20.0
2-Pentanone, 4-hy...	5.13	14.7	ng	996151	1	6.92	1358730	20.0
unknown6.69	6.69	68.7	ng	4668370	1	6.92	1358730	20.0
n-Hexadecanoic acid	11.98	2.9	ng	327298	4	11.46	2235850	20.0
Oxalic acid, isob...	13.96	5.1	ng	505410	5	14.11	1995270	20.0
Eicosane	14.58	2.9	ng	291698	5	14.11	1995270	20.0
Hexacosane	14.90	3.8	ng	367000	6	15.62	1935370	20.0
Heneicosane	15.25	3.9	ng	376733	6	15.62	1935370	20.0
Tetratetracontane	16.12	3.0	ng	291907	6	15.62	1935370	20.0