

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117811.D
 Acq On : 15 Nov 2019 19:03
 Operator : JU
 Sample : K5861-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-10

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	2.204	13	20	29	rVB	930330	1321440	18.35%	2.136%
2	5.134	510	518	527	rBV	965938	1230748	17.09%	1.989%
3	5.534	581	586	589	rBV	5542681	5462888	75.87%	8.830%
4	6.539	751	757	760	rBV	5417602	5739410	79.72%	9.277%
5	6.686	777	782	785	rBV	6059646	5875643	81.61%	9.497%
6	6.916	818	821	825	rBV	1529692	1353907	18.80%	2.188%
7	6.975	828	831	839	rBV	86020	79502	1.10%	0.129%
8	7.075	844	848	852	rBV	5235065	4640049	64.45%	7.500%
9	7.481	912	917	920	rBV	3859373	3678606	51.09%	5.946%
10	8.204	1036	1040	1044	rBV	2139002	1758505	24.42%	2.842%
11	9.286	1219	1224	1227	rBV	7348224	6828459	94.84%	11.037%
12	9.557	1266	1270	1282	rBV	252191	195191	2.71%	0.316%
13	9.675	1286	1290	1294	rBV	784864	607166	8.43%	0.981%
14	9.969	1336	1340	1343	rBV	2526071	2061154	28.63%	3.332%
15	10.757	1469	1474	1477	rBV	4923595	4605581	63.97%	7.444%
16	11.457	1590	1593	1597	rBV	2388316	2147191	29.82%	3.471%
17	11.527	1600	1605	1608	rVB2	102246	95544	1.33%	0.154%
18	11.980	1678	1682	1698	rBV	525280	563553	7.83%	0.911%
19	12.768	1813	1816	1830	rBV2	167857	222989	3.10%	0.360%
20	12.927	1840	1843	1852	rVB2	74481	115066	1.60%	0.186%
21	13.051	1859	1864	1867	rBV	7371505	7199870	100.00%	11.638%
22	13.957	2013	2018	2038	rBV2	209561	586616	8.15%	0.948%
23	14.104	2039	2043	2047	rVB	1945923	1815895	25.22%	2.935%
24	14.268	2068	2071	2075	rBV	160576	140427	1.95%	0.227%
25	14.574	2120	2123	2127	rBV	224677	213038	2.96%	0.344%
26	14.898	2174	2178	2182	rVB	269321	272182	3.78%	0.440%
27	14.974	2187	2191	2197	rBV	150255	161852	2.25%	0.262%
28	15.251	2234	2238	2245	rVB	250647	281742	3.91%	0.455%
29	15.615	2294	2300	2304	rBV	1467800	1874002	26.03%	3.029%
30	15.651	2304	2306	2316	rVB	216272	271408	3.77%	0.439%
31	16.115	2379	2385	2393	rBV	147858	240143	3.34%	0.388%
32	16.651	2470	2476	2484	rVB2	84854	155153	2.15%	0.251%
33	17.274	2575	2582	2589	rBV5	32885	72240	1.00%	0.117%

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Data File : BF117811.D
Acq On : 15 Nov 2019 19:03
Operator : JU
Sample : K5861-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-10

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

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

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

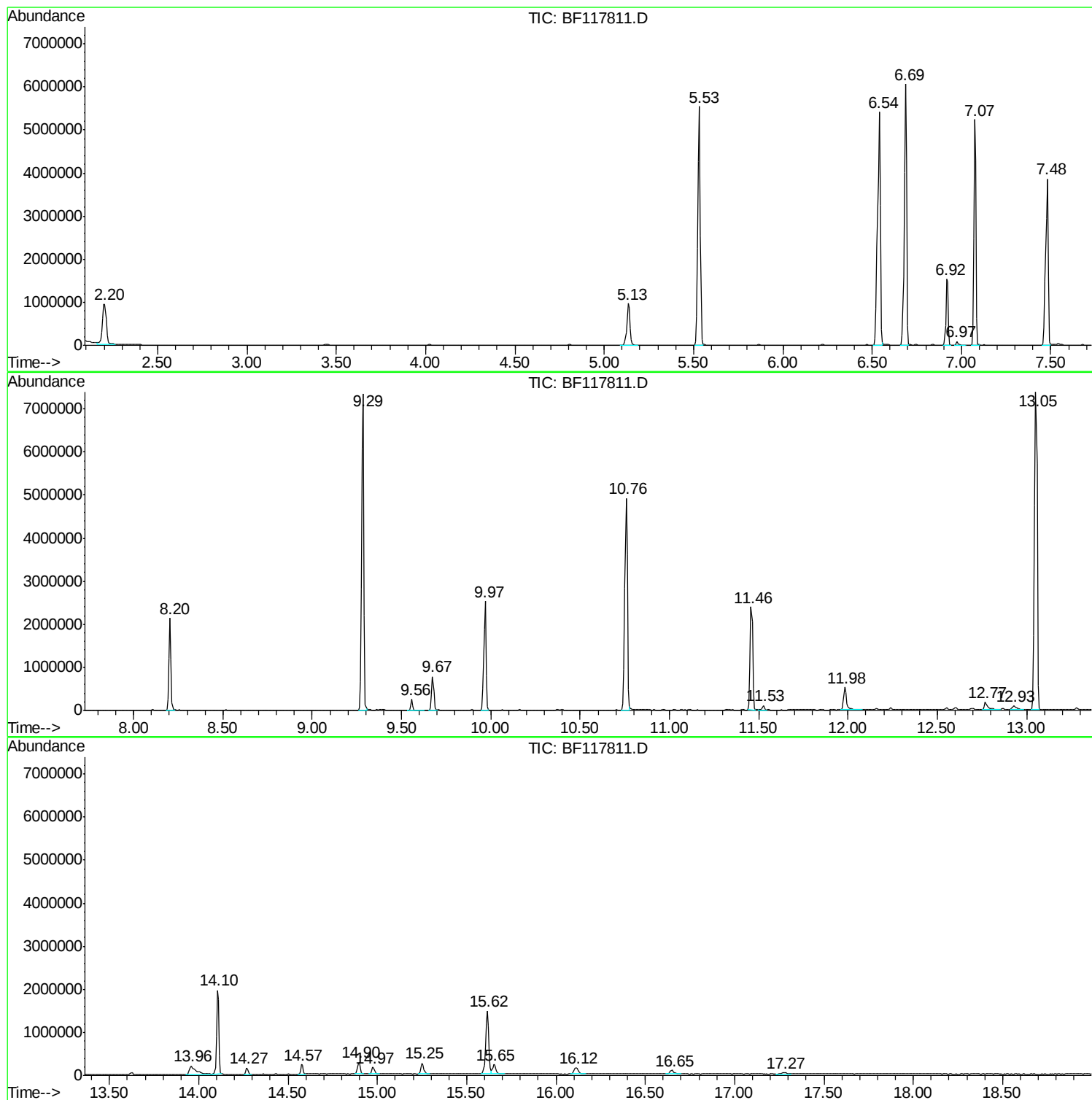
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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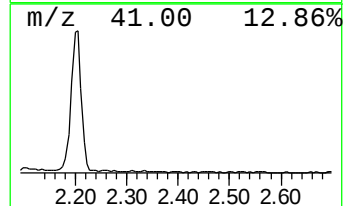
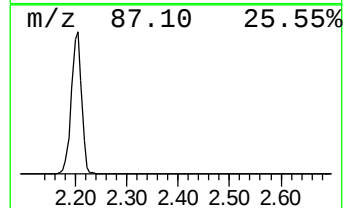
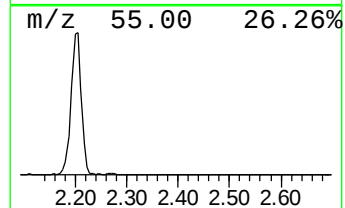
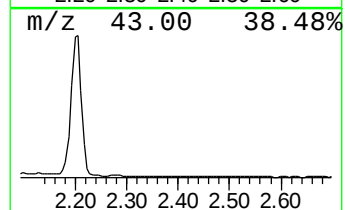
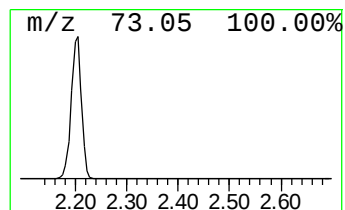
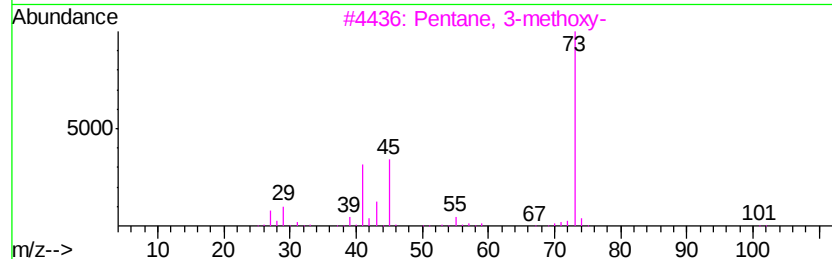
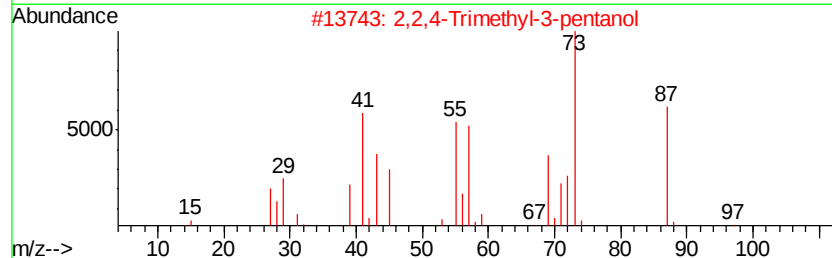
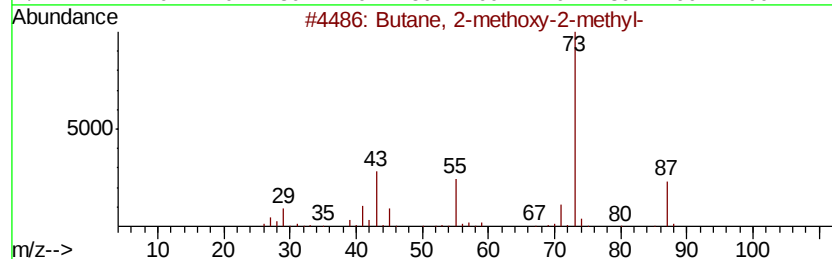
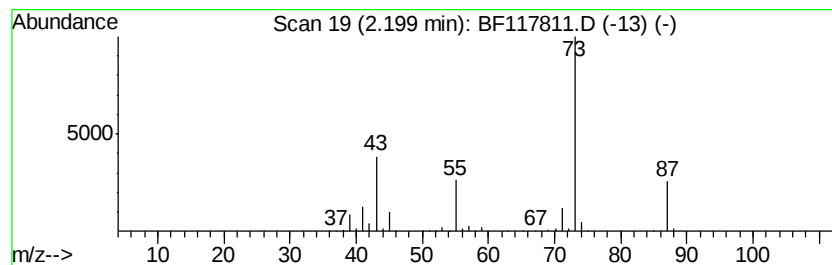
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	19.52 ng	1321440	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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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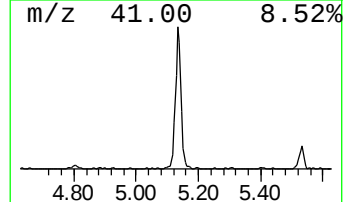
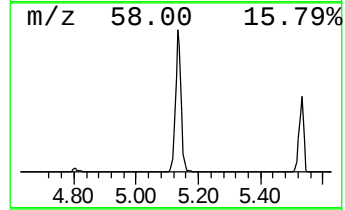
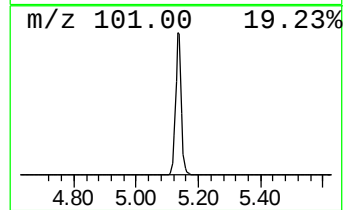
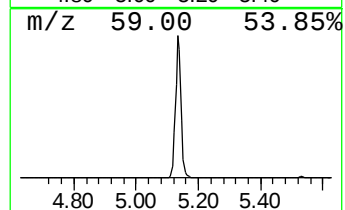
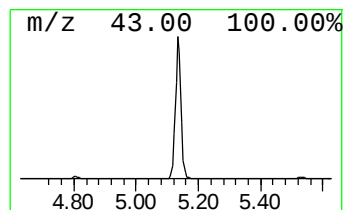
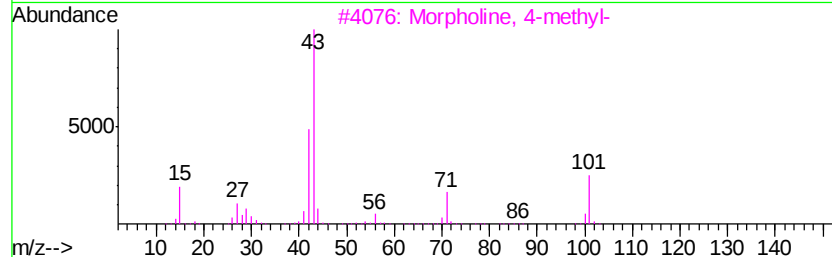
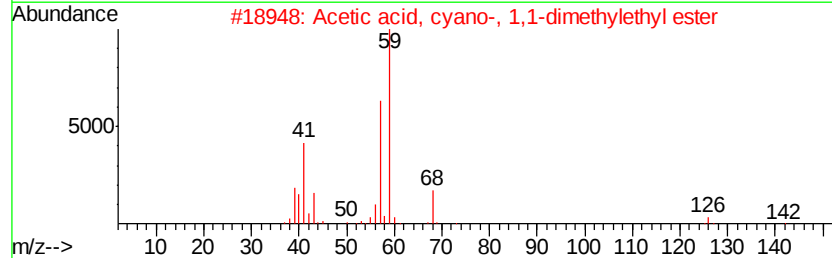
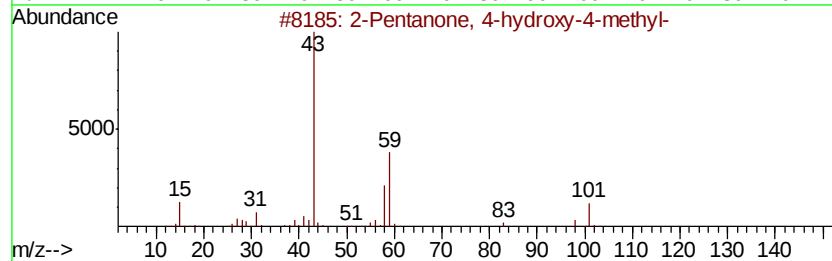
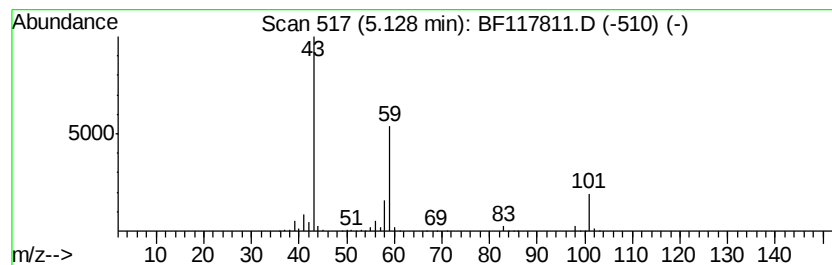
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	18.18 ng	1230750	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	53
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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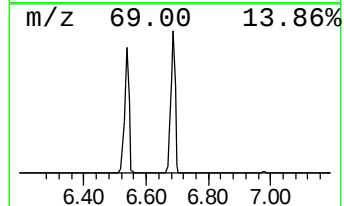
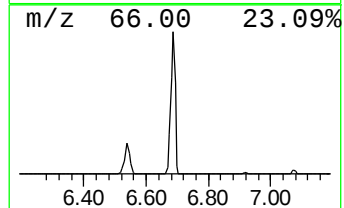
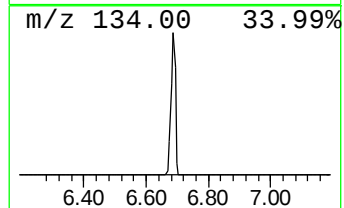
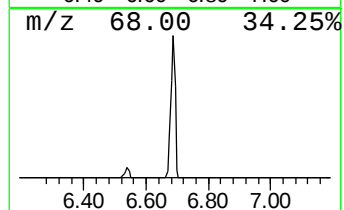
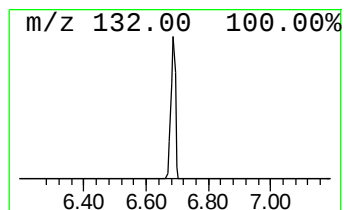
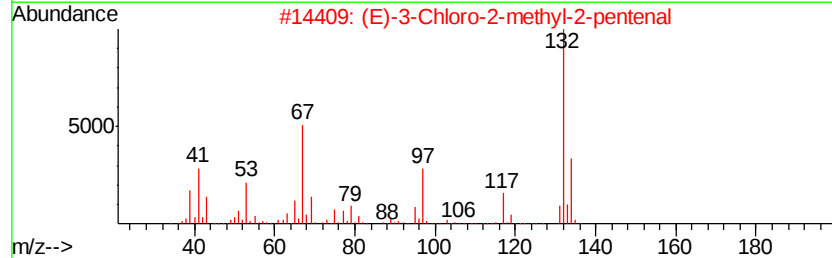
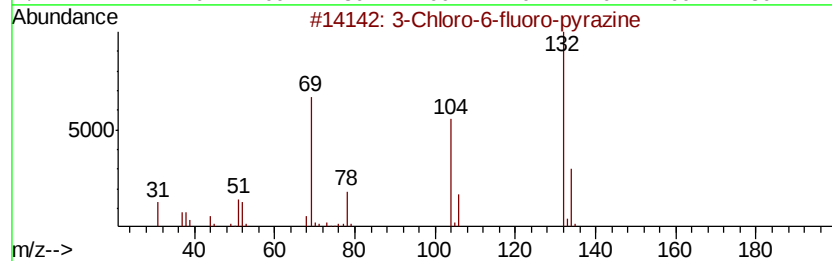
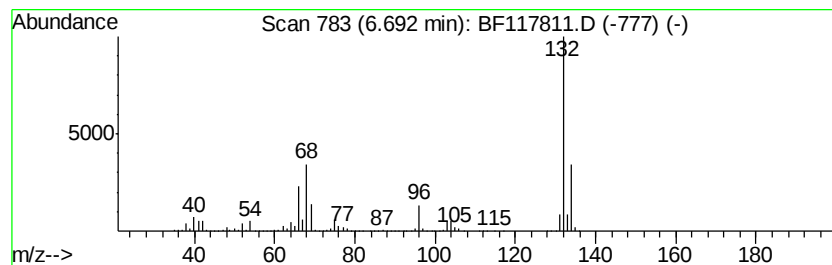
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	86.80 ng	5875640	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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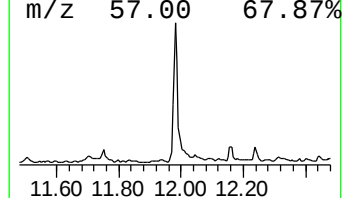
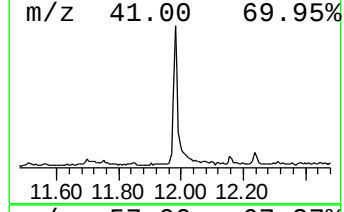
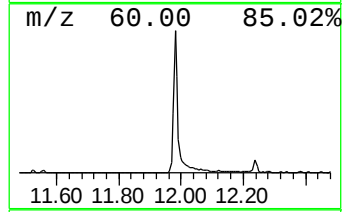
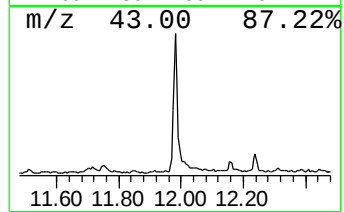
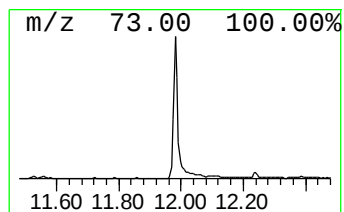
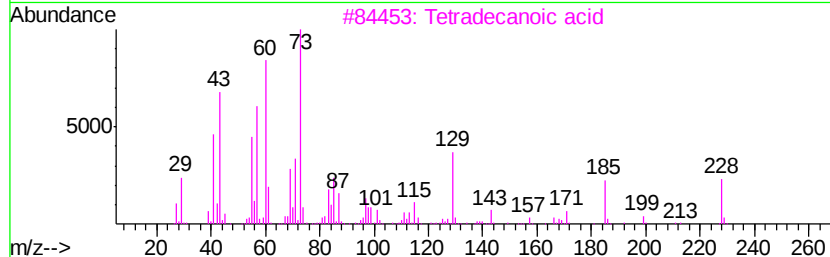
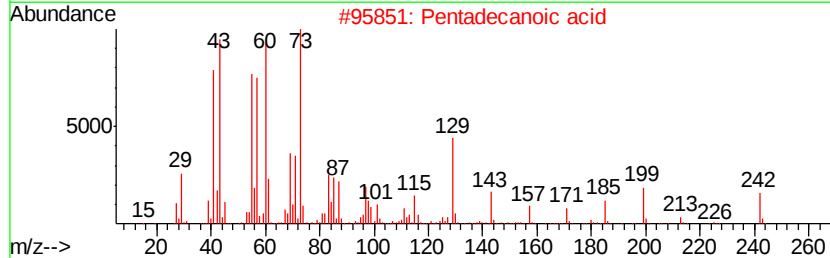
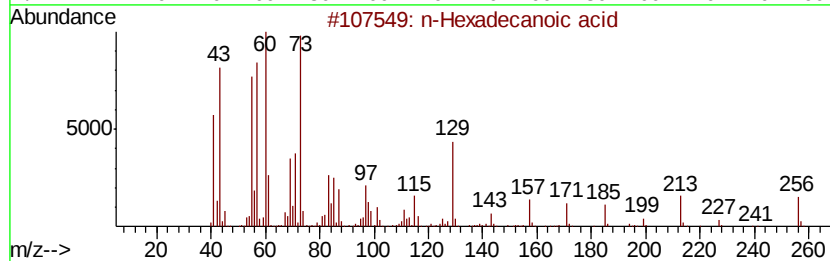
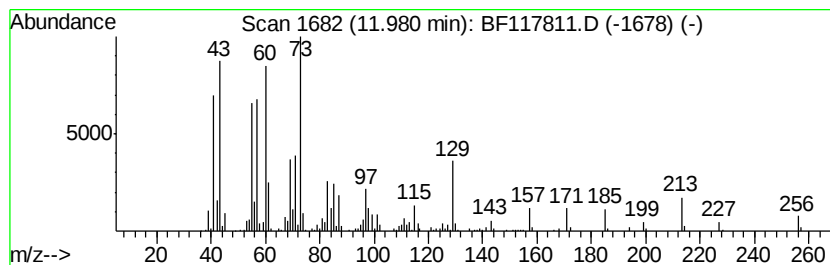
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.25 ng	563553	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		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



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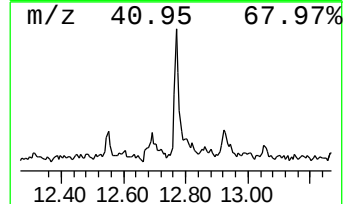
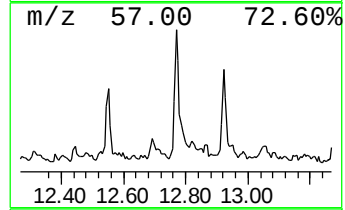
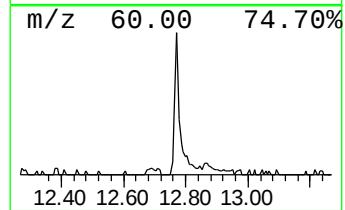
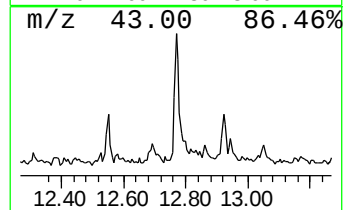
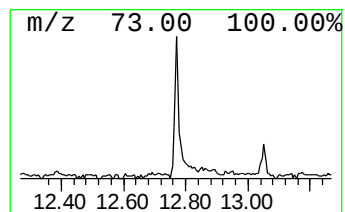
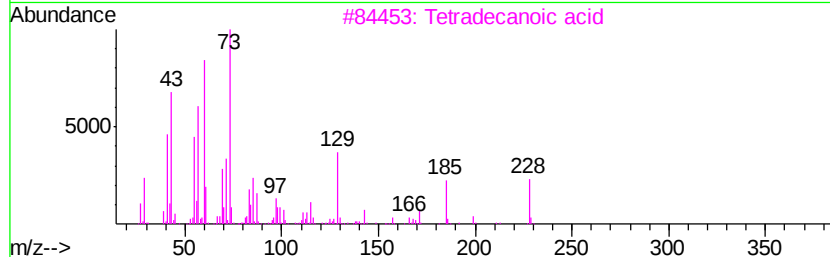
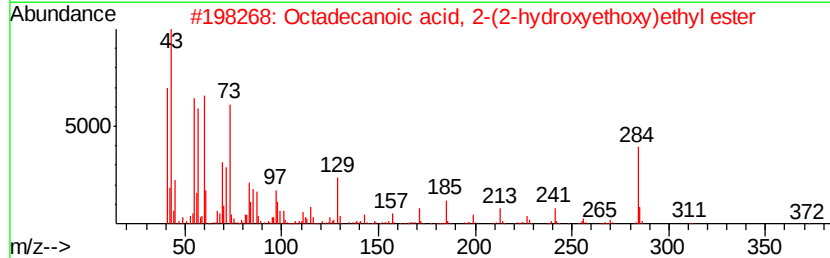
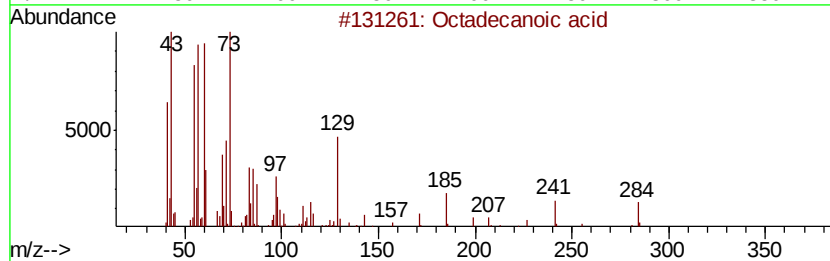
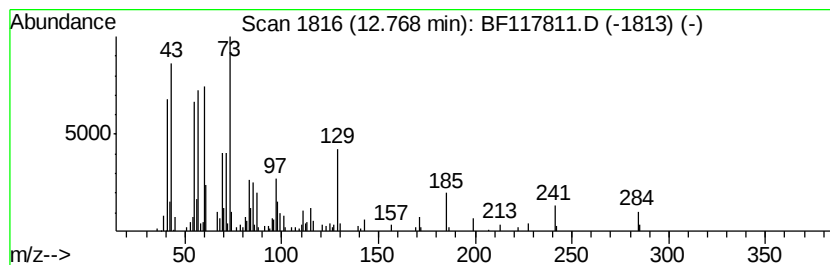
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.08 ng	222989	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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ClientSampleId :
EP-10

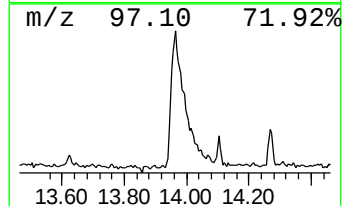
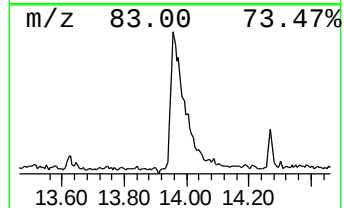
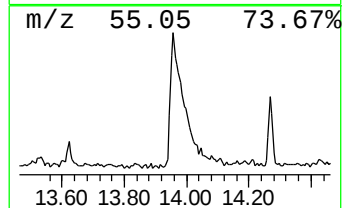
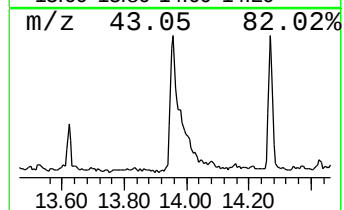
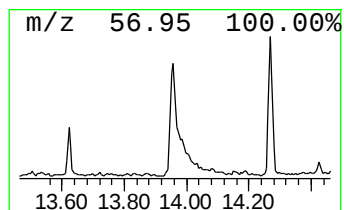
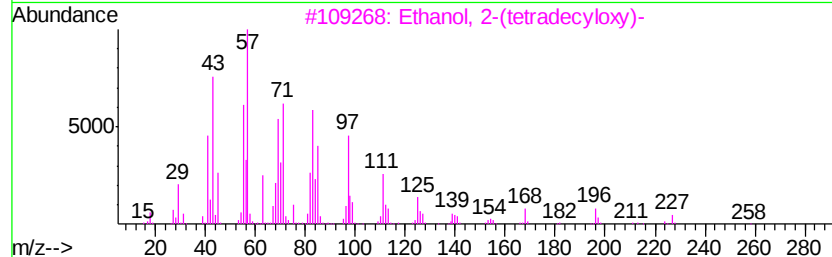
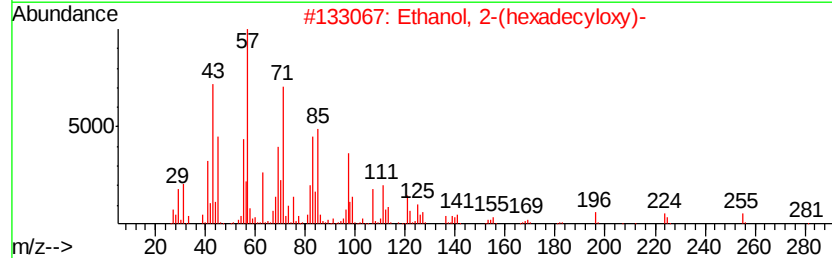
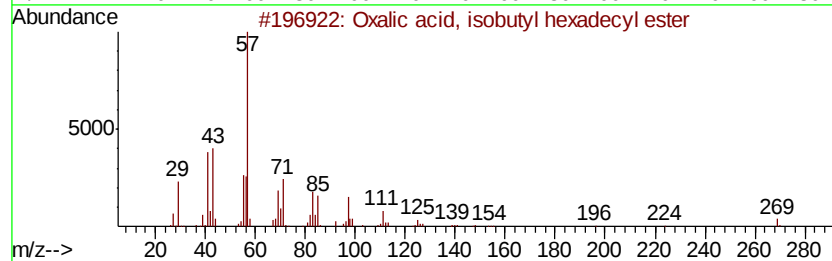
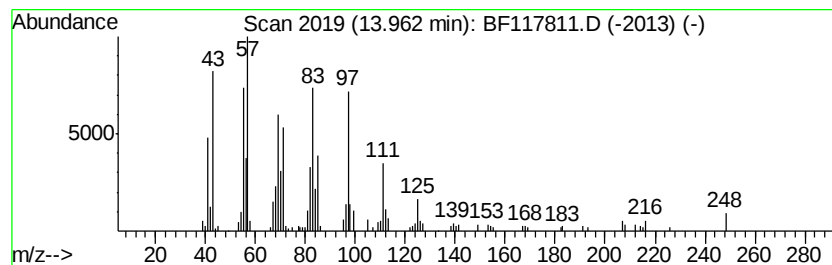
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxalic acid, isobutyl hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.46 ng	586616	Chrysene-d12	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
5		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117811.D
Acq On : 15 Nov 2019 19:03
Operator : JU
Sample : K5861-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-10

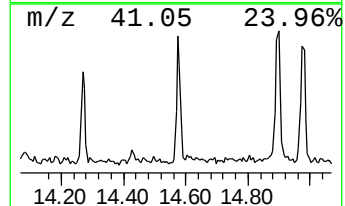
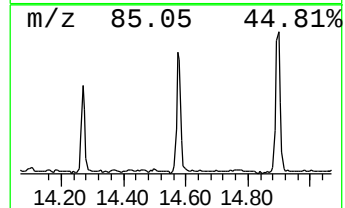
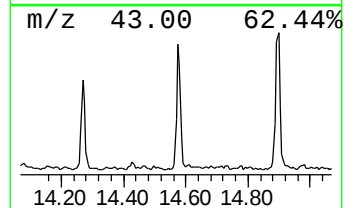
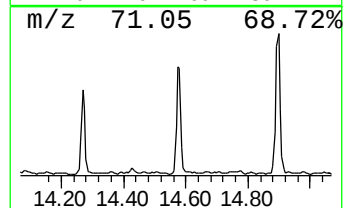
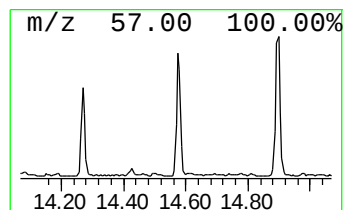
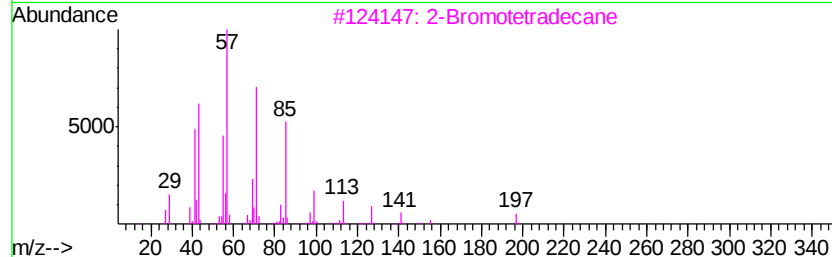
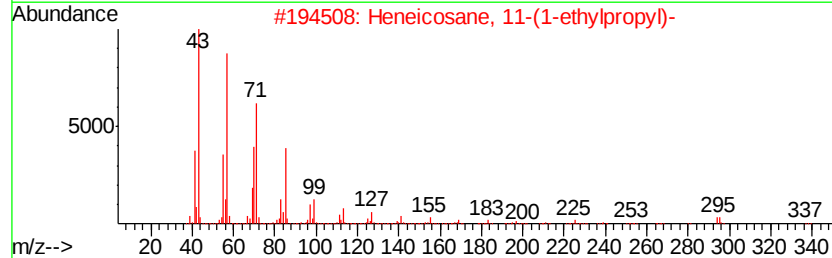
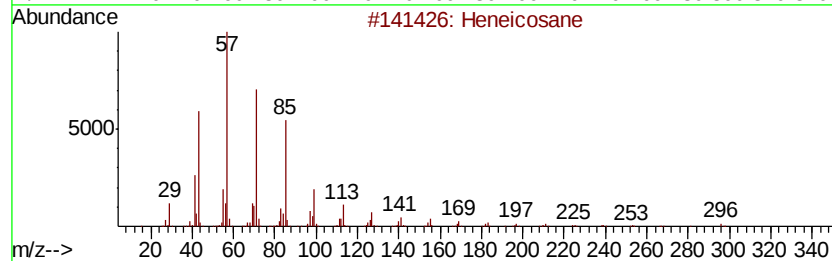
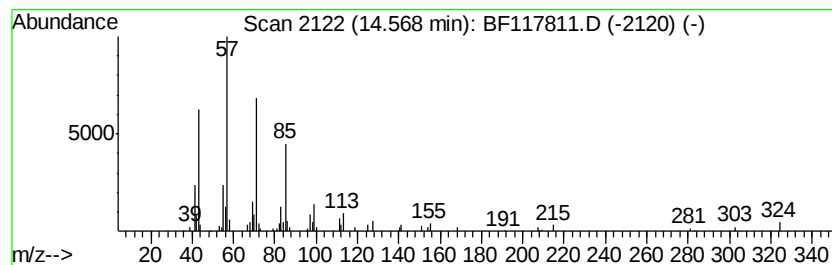
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.35 ng	213038	Chrysene-d12	14.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117811.D
Acq On : 15 Nov 2019 19:03
Operator : JU
Sample : K5861-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-10

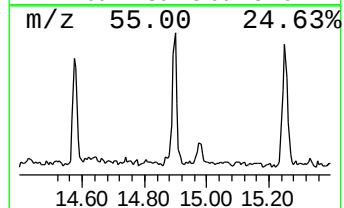
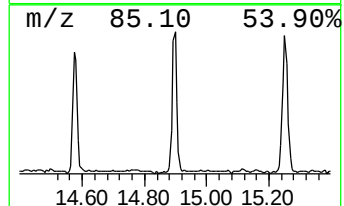
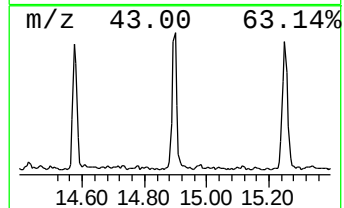
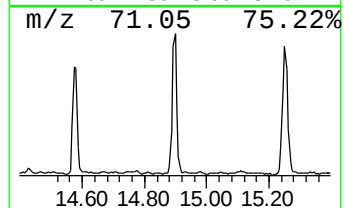
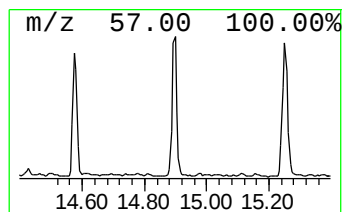
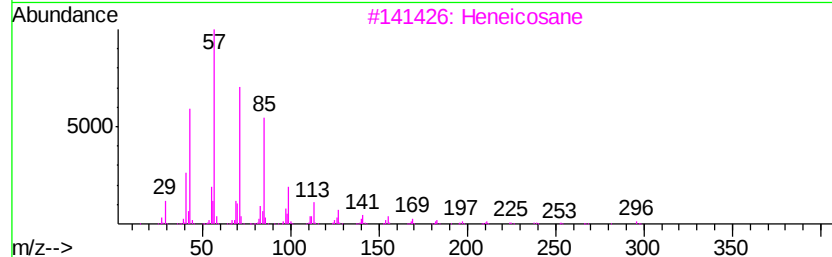
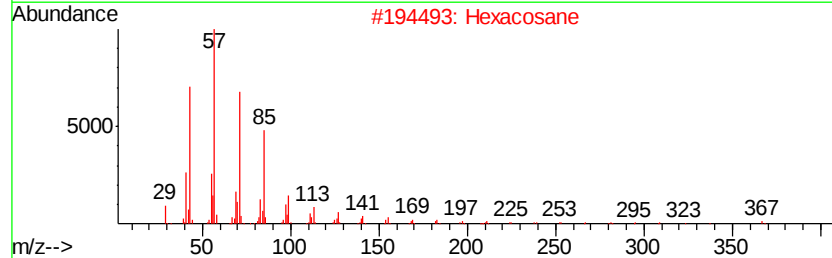
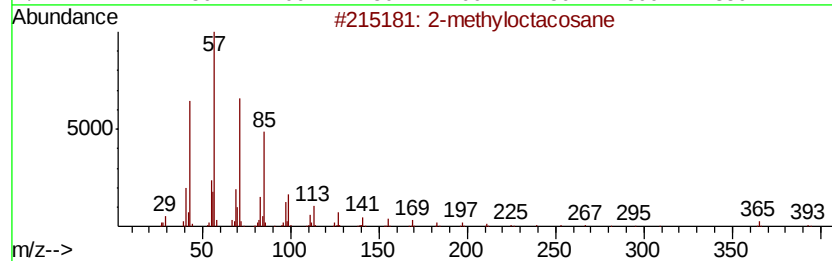
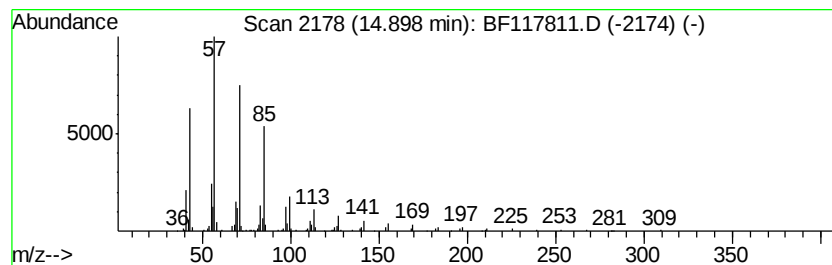
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.90 ng	272182	Perylene-d12	15.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117811.D
Acq On : 15 Nov 2019 19:03
Operator : JU
Sample : K5861-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-10

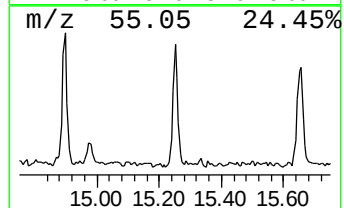
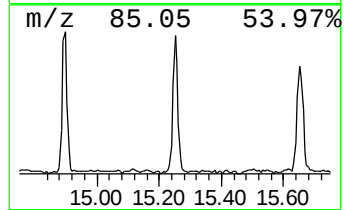
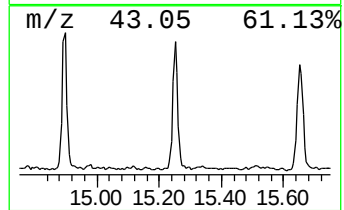
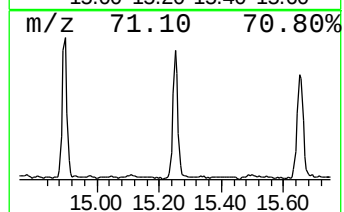
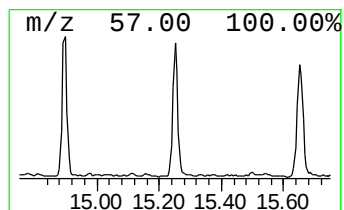
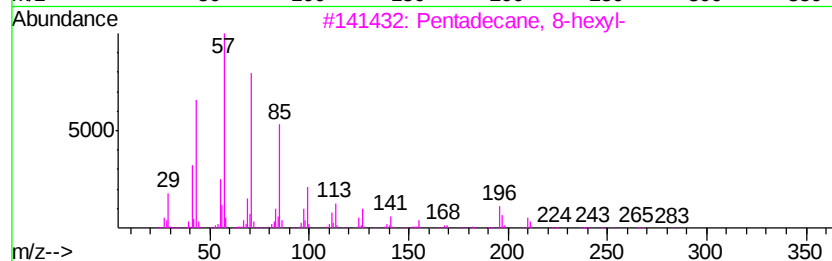
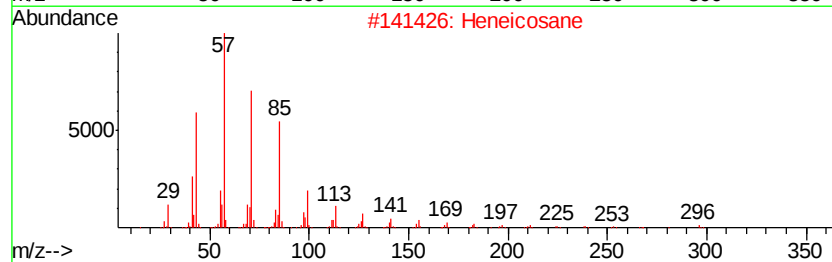
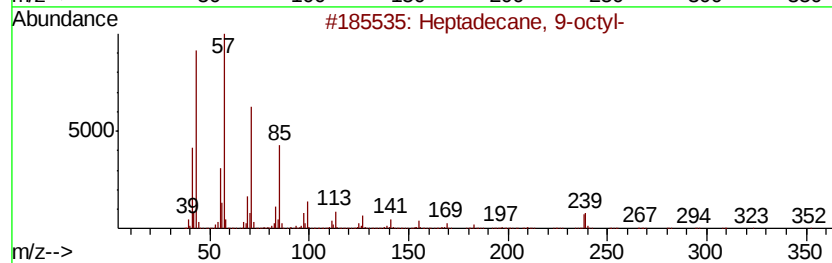
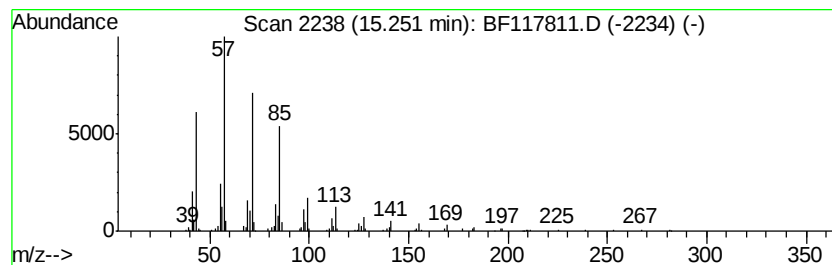
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.01 ng	281742	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117811.D
 Acq On : 15 Nov 2019 19:03
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 Sample : K5861-10
 Misc :
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Instrument :
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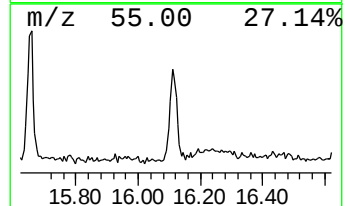
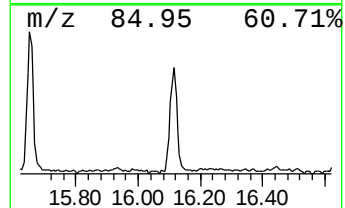
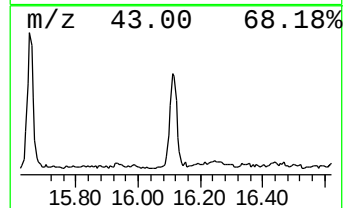
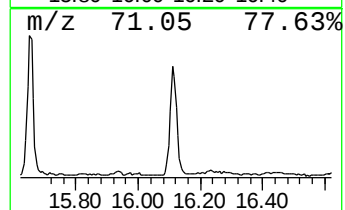
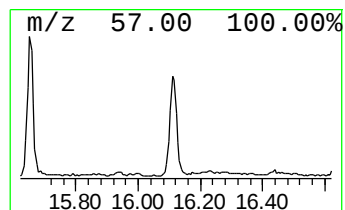
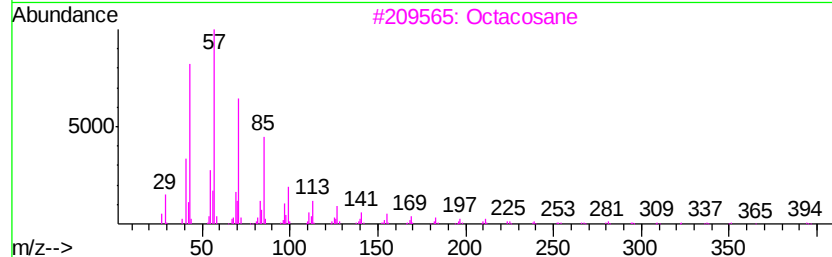
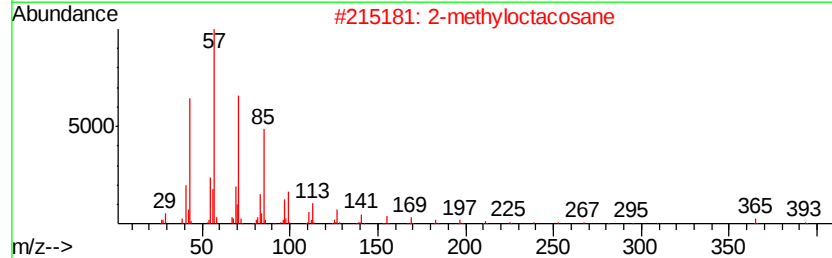
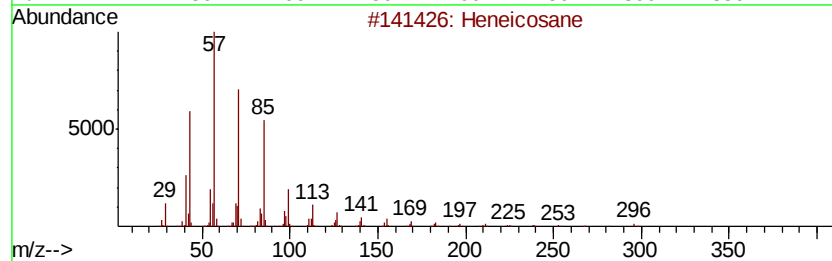
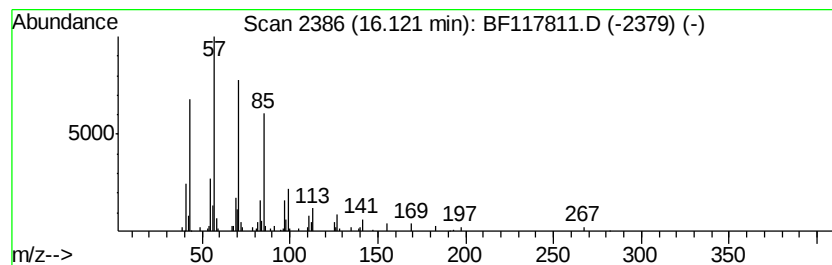
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.56 ng	240143	Perylene-d12	15.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
 Data File : BF117811.D
 Acq On : 15 Nov 2019 19:03
 Operator : JU
 Sample : K5861-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-10

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
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2-Pentanone, 4-hy...	5.13	18.2	ng	1230750	1	6.92	1353910	20.0
unknown6.69	6.69	86.8	ng	5875640	1	6.92	1353910	20.0
n-Hexadecanoic acid	11.98	5.3	ng	563553	4	11.46	2147190	20.0
Octadecanoic acid	12.77	2.1	ng	222989	4	11.46	2147190	20.0
Oxalic acid, isob...	13.96	6.5	ng	586616	5	14.10	1815900	20.0
Heneicosane	14.57	2.4	ng	213038	5	14.10	1815900	20.0
Heptacosane	14.90	2.9	ng	272182	6	15.62	1874000	20.0
Heptadecane, 9-oc...	15.25	3.0	ng	281742	6	15.62	1874000	20.0
2-methyloctacosane	16.12	2.6	ng	240143	6	15.62	1874000	20.0