

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118781.D
 Acq On : 31 Jan 2020 14:55
 Operator : CG/JU
 Sample : L1325-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346

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-BF012020.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	2.128	3	7	14	rVB	649188	859241	10.36%	1.378%
2	2.234	18	25	34	rVB	87670	123151	1.49%	0.197%
3	5.051	496	504	516	rVB	237178	337269	4.07%	0.541%
4	5.451	567	572	575	rBV	5460162	5780580	69.72%	9.270%
5	6.457	737	743	755	rVB	5173190	6108282	73.68%	9.796%
6	6.828	802	806	809	rBV	1751270	1633443	19.70%	2.620%
7	6.986	828	833	836	rBV	5231979	5129949	61.88%	8.227%
8	7.386	895	901	904	rBV	3829048	3974159	47.93%	6.373%
9	8.110	1019	1024	1027	rBV	2211223	2178523	26.28%	3.494%
10	9.186	1201	1207	1210	rBV	8154840	8026716	96.81%	12.873%
11	9.574	1265	1273	1276	rBV	783834	602126	7.26%	0.966%
12	9.863	1317	1322	1326	rVB	3103398	2681749	32.35%	4.301%
13	10.651	1450	1456	1459	rBV	5719201	5306447	64.00%	8.510%
14	11.345	1570	1574	1578	rBV	3048291	2710813	32.70%	4.347%
15	11.880	1660	1665	1676	rBV	625540	729288	8.80%	1.170%
16	12.663	1794	1798	1811	rVB	129351	171758	2.07%	0.275%
17	12.933	1839	1844	1848	rBV	8055775	8290796	100.00%	13.296%
18	13.827	1993	1996	2008	rBV	1191227	1395615	16.83%	2.238%
19	13.980	2017	2022	2026	rBV	2092285	2082012	25.11%	3.339%
20	14.157	2048	2052	2057	rBV	145849	169882	2.05%	0.272%
21	14.457	2099	2103	2111	rBV	270047	333209	4.02%	0.534%
22	14.762	2151	2155	2160	rBV	329821	322688	3.89%	0.517%
23	15.098	2207	2212	2216	rBV	312140	399450	4.82%	0.641%
24	15.433	2264	2269	2273	rBV	1495766	1892795	22.83%	3.035%
25	15.474	2273	2276	2281	rVB	266672	346875	4.18%	0.556%
26	15.903	2344	2349	2353	rBV	194955	293463	3.54%	0.471%
27	15.951	2353	2357	2366	rBV2	94308	190785	2.30%	0.306%
28	16.398	2428	2433	2440	rBV2	106948	191163	2.31%	0.307%
29	16.986	2528	2533	2542	rVB2	46022	93160	1.12%	0.149%

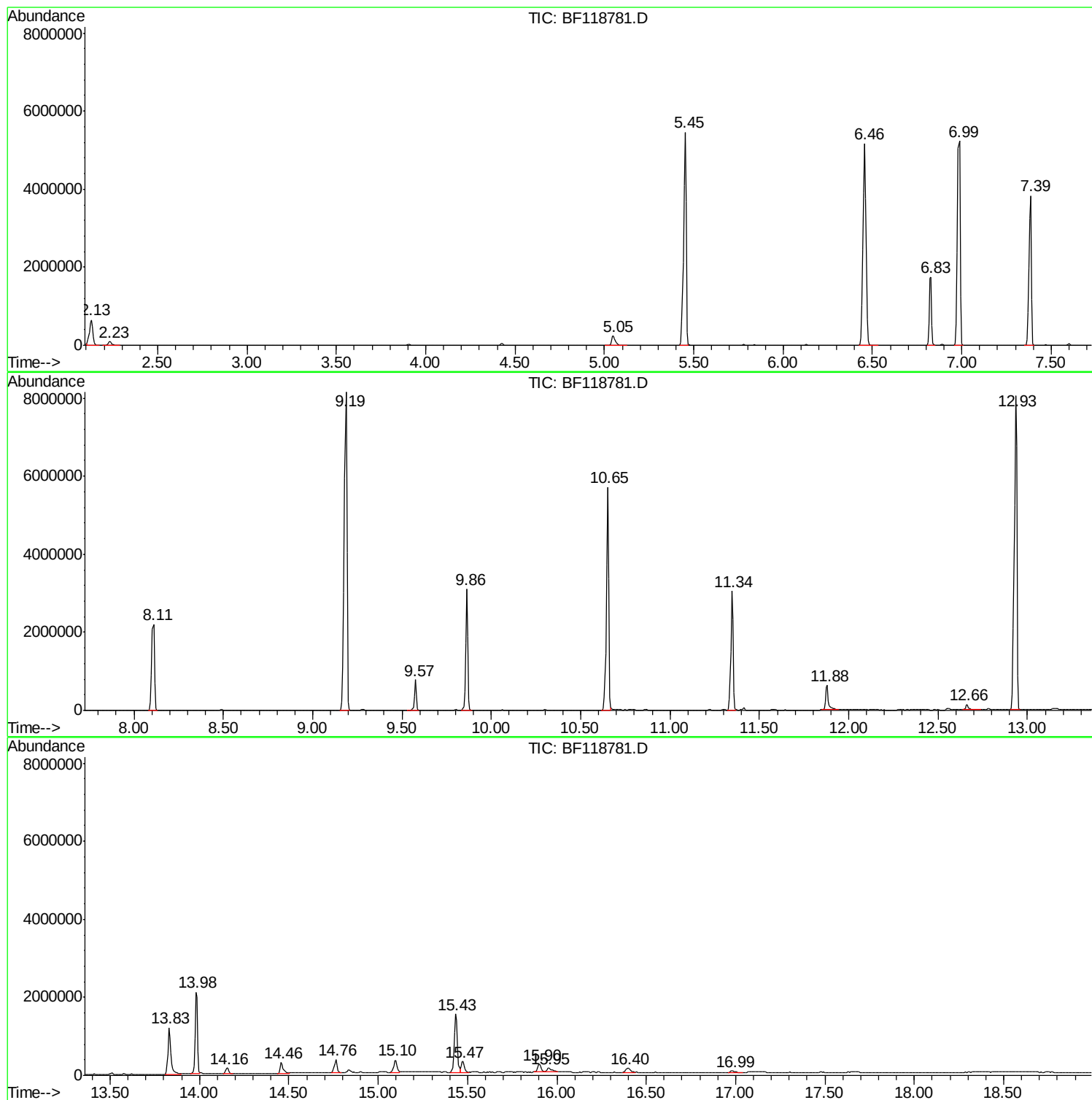
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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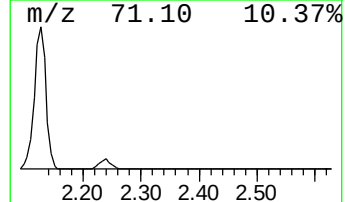
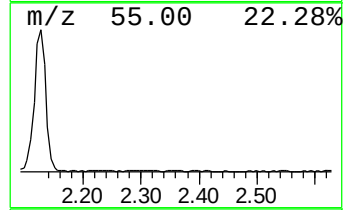
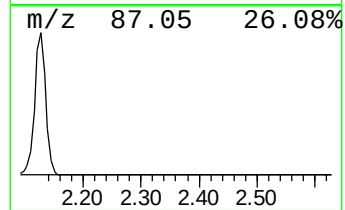
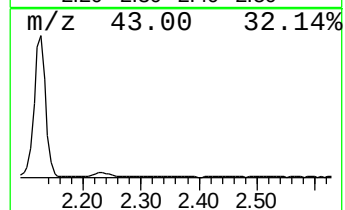
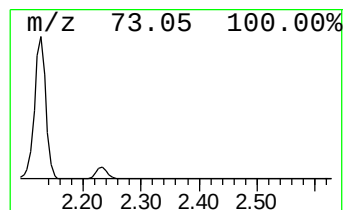
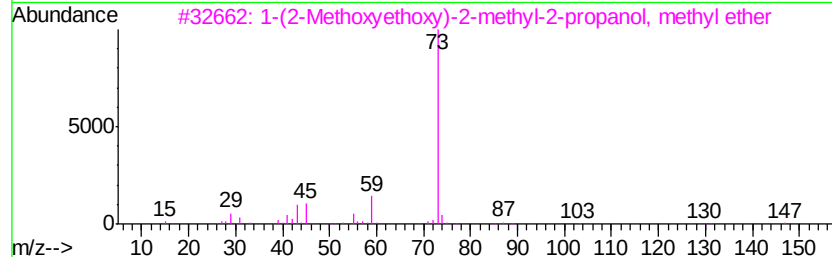
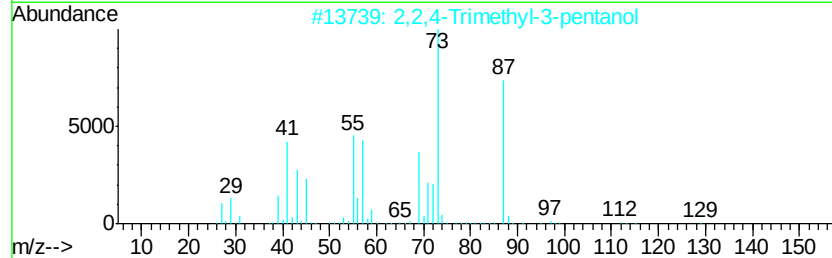
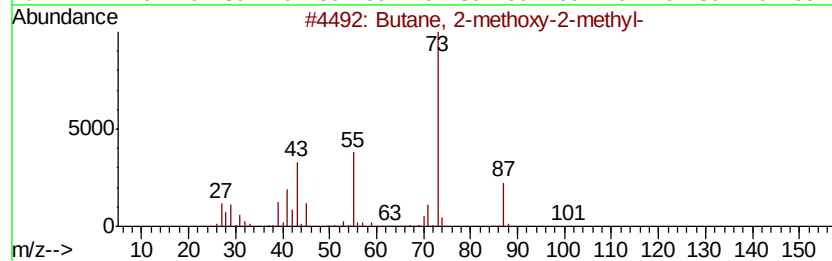
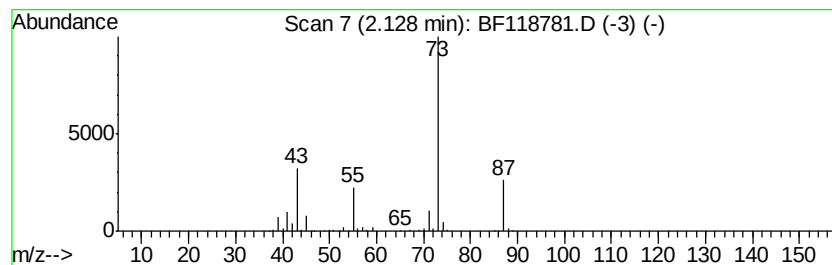
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.13	10.52 ng	859241	1,4-Dichlorobenzene-d4	6.83

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		1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17



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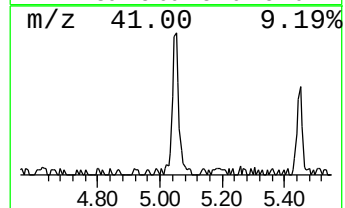
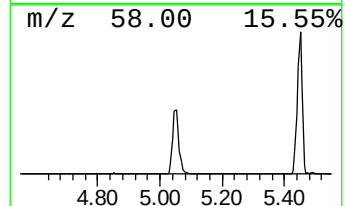
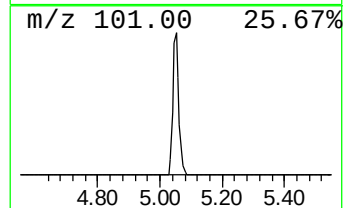
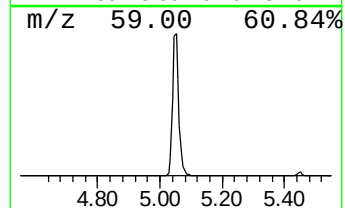
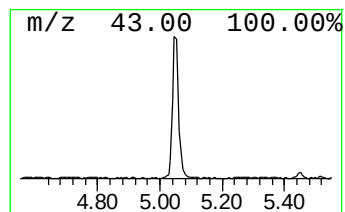
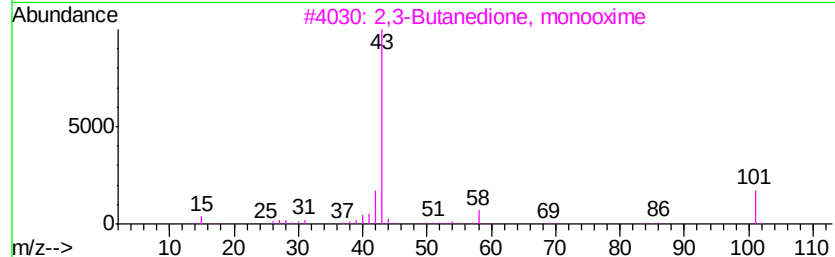
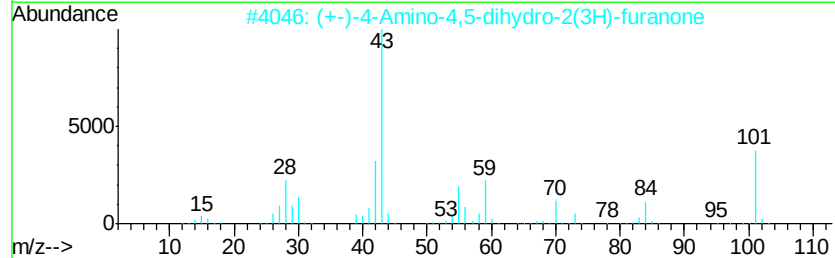
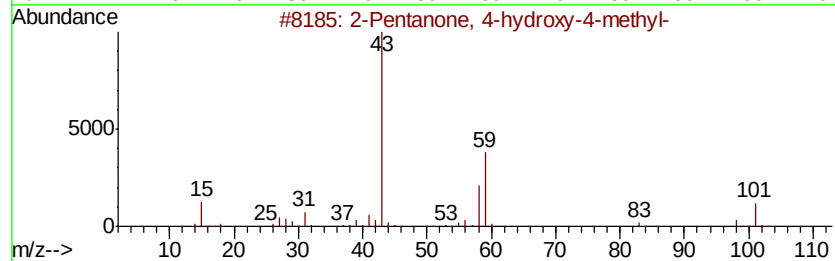
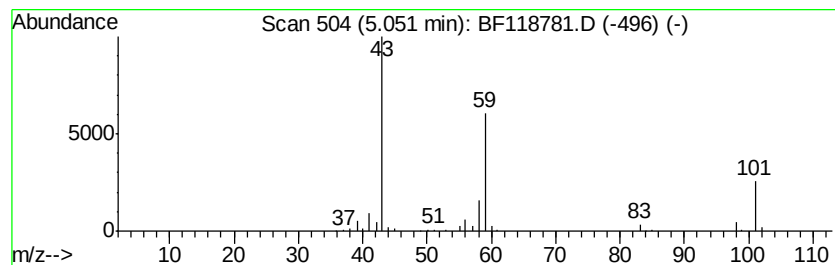
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	4.13 ng	337269	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17
5		5-Hexen-2-one	98	C6H10O	000109-49-9	10



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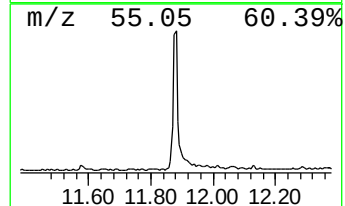
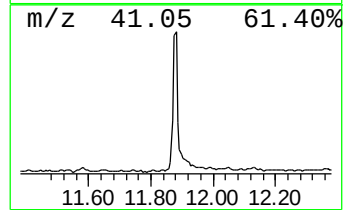
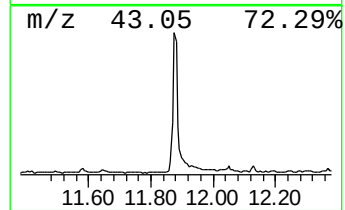
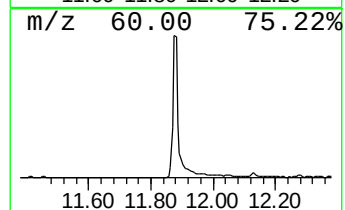
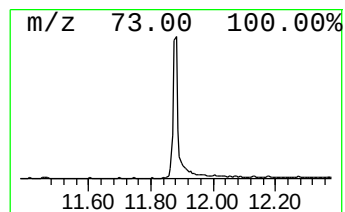
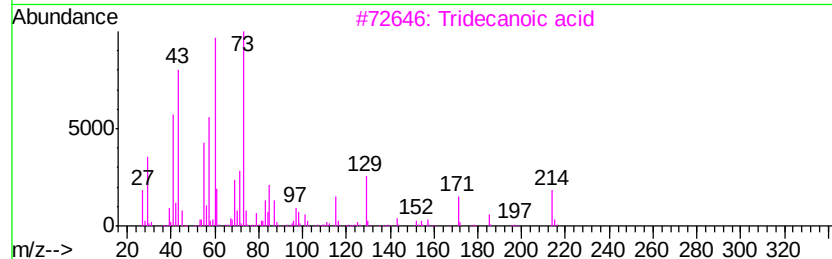
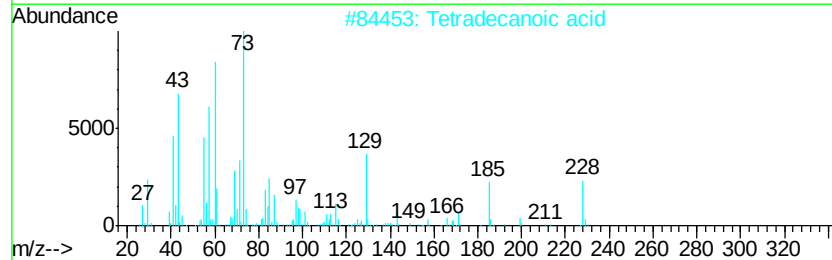
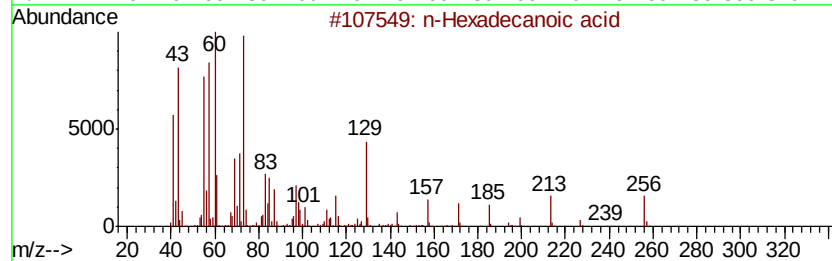
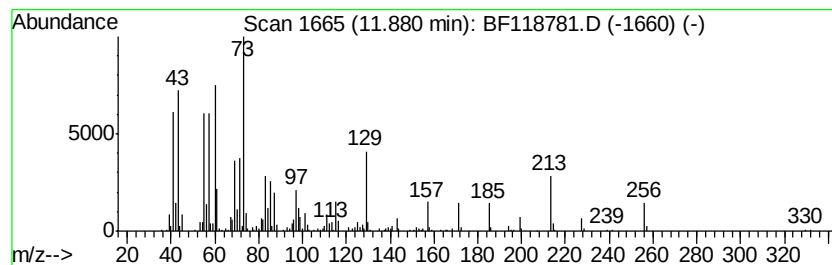
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	5.38 ng	729288	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81



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ALS Vial : 9 Sample Multiplier: 1

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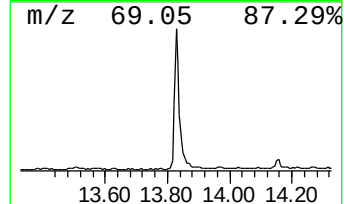
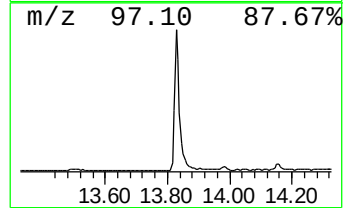
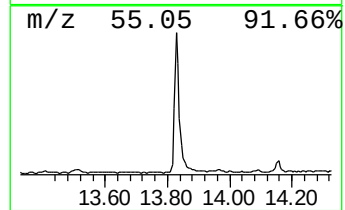
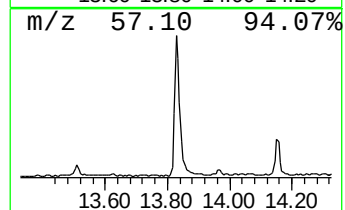
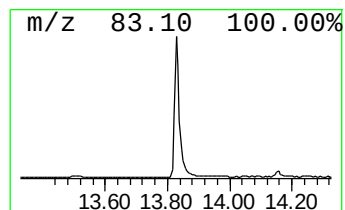
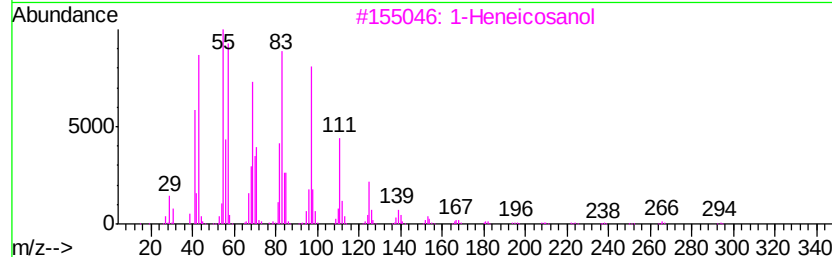
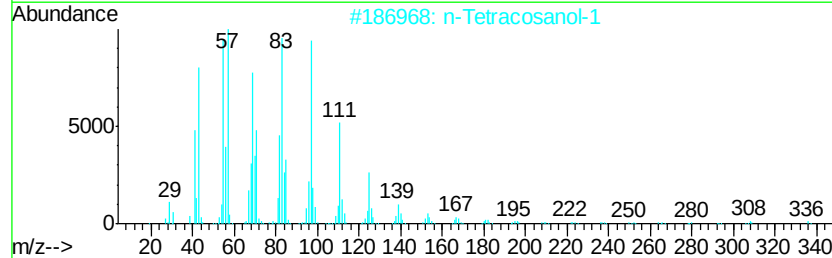
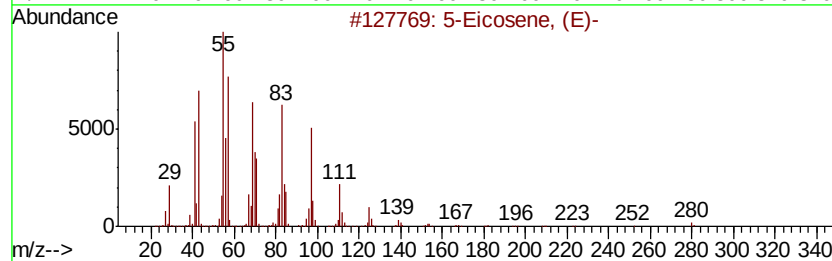
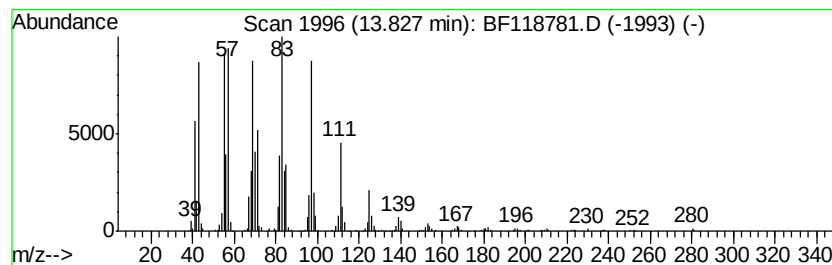
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	13.41 ng	1395620	Chrysene-d12	13.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
3	1-Heneicosanol		312	C21H44O	015594-90-8	95
4	Behenic alcohol		326	C22H46O	000661-19-8	95
5	Cyclopentadecane		210	C15H30	000295-48-7	94



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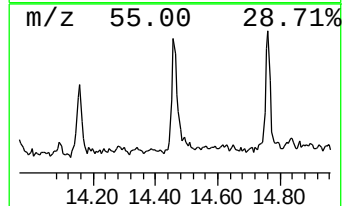
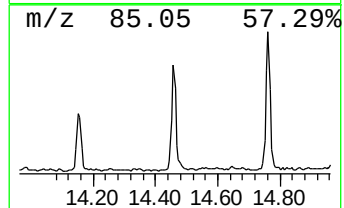
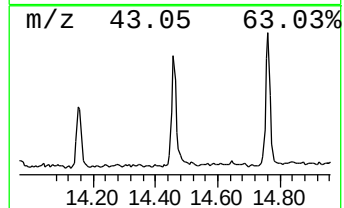
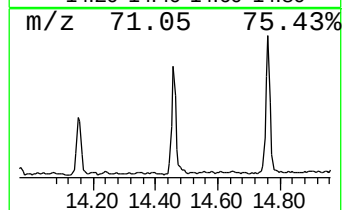
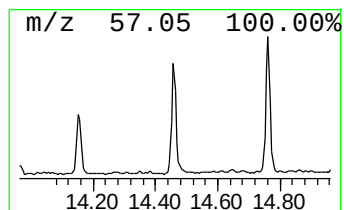
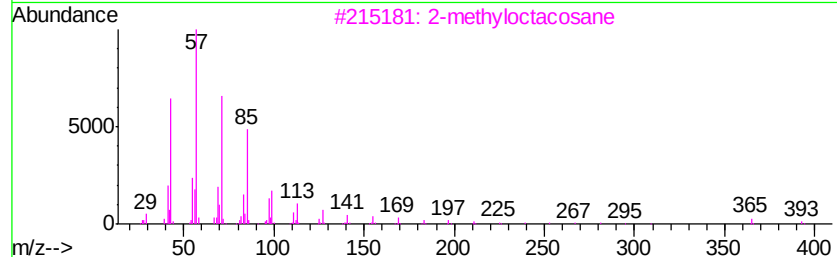
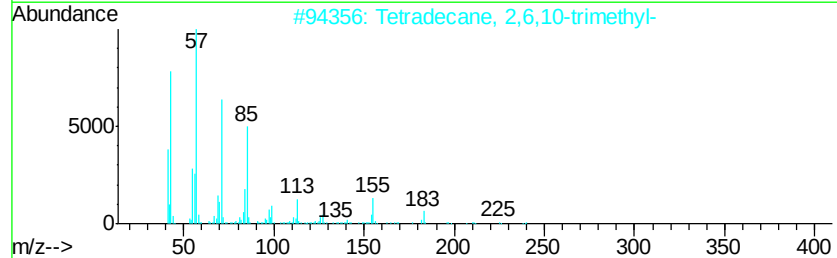
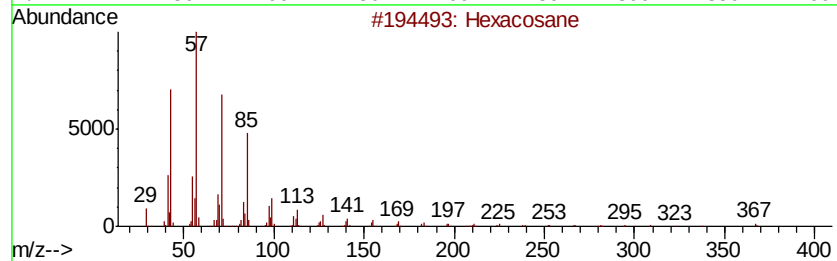
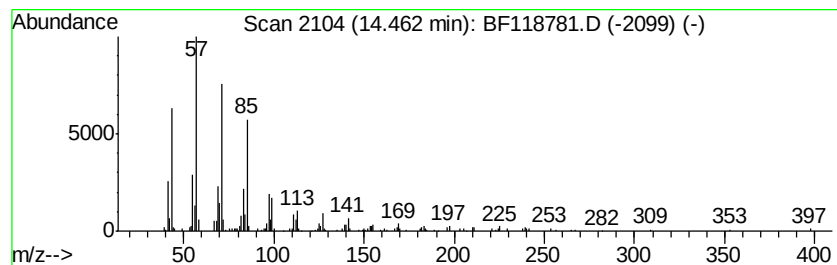
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 Peak Number 6 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.20 ng	333209	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	94
2	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	94
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Octacosane	394 C28H58	000630-02-4	91



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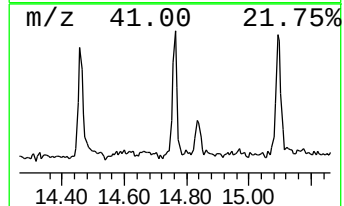
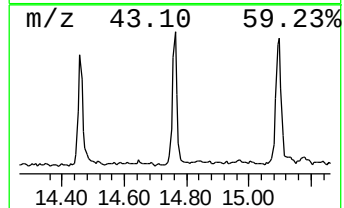
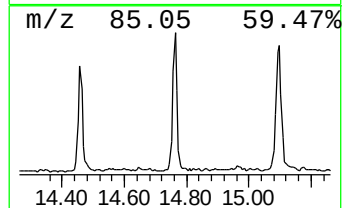
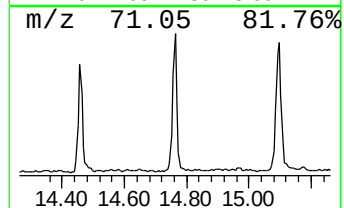
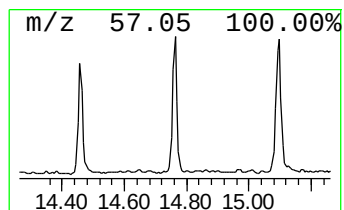
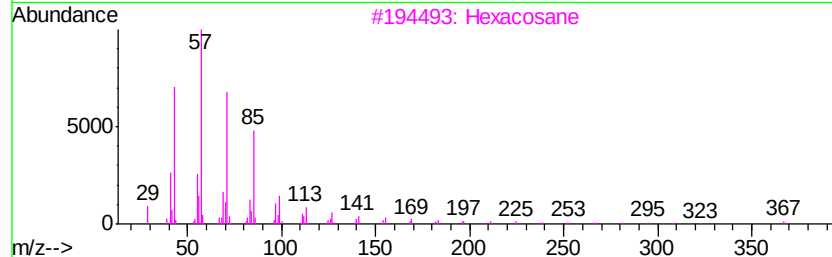
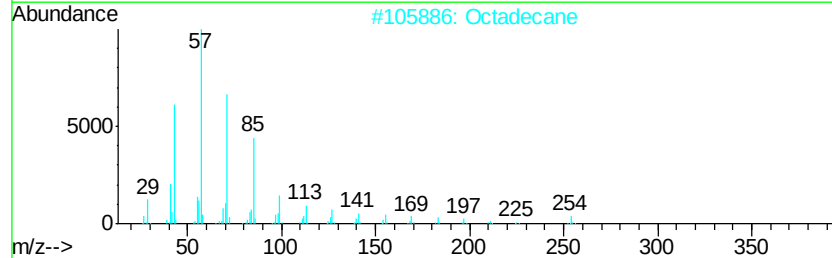
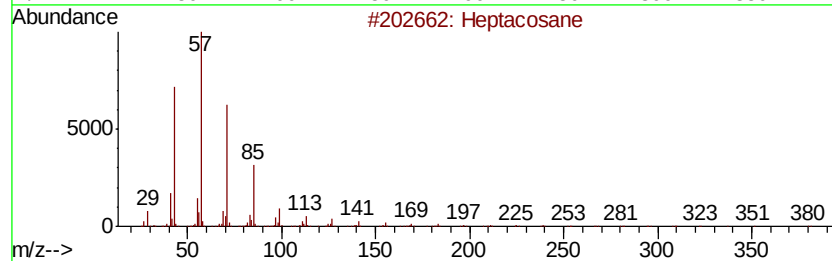
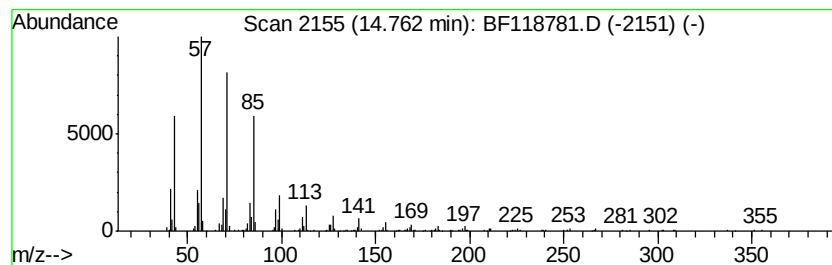
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.41 ng	322688	Perylene-d12	15.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octadecane		254	C18H38	000593-45-3	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
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Acq On : 31 Jan 2020 14:55
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Sample : L1325-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

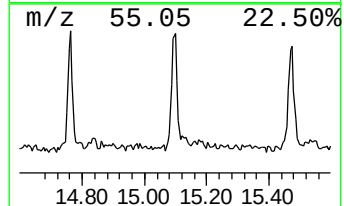
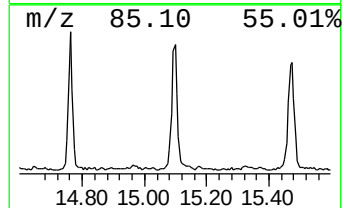
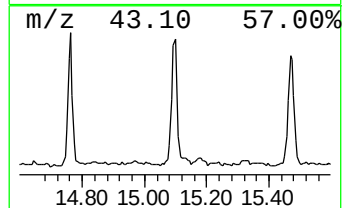
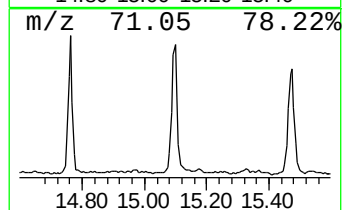
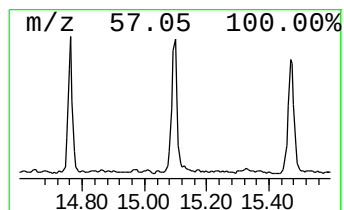
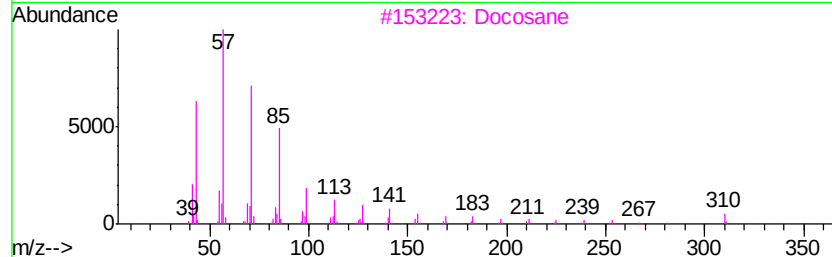
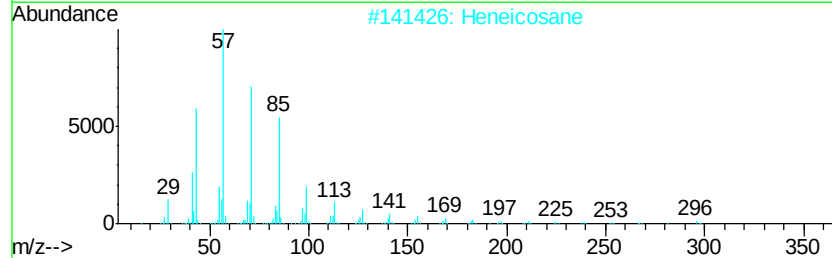
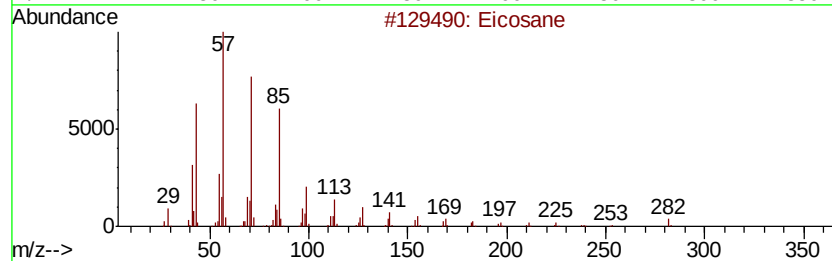
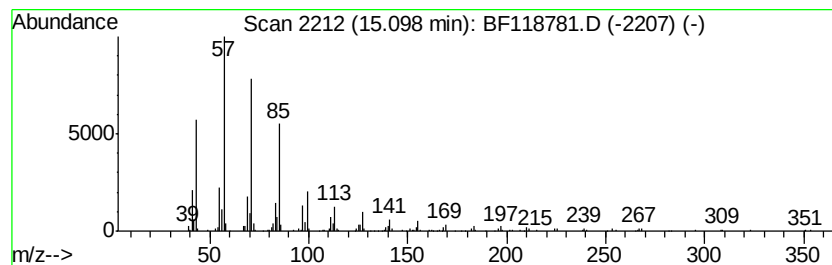
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.22 ng	399450	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Heneicosane	296 C21H44	000629-94-7	91
3	Docosane	310 C22H46	000629-97-0	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Tetracosane	338 C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118781.D
Acq On : 31 Jan 2020 14:55
Operator : CG/JU
Sample : L1325-01
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Instrument :
BNA_F
ClientSampleId :
346

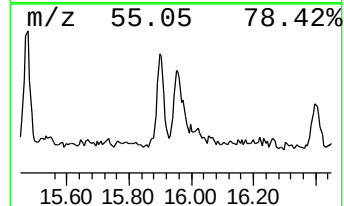
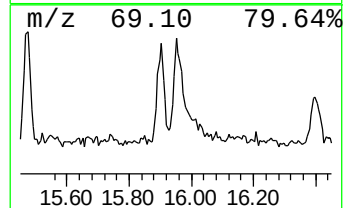
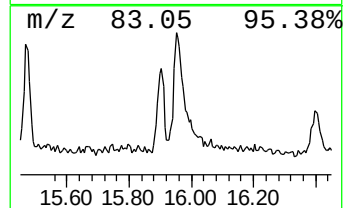
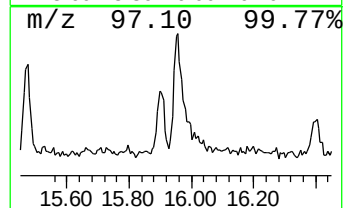
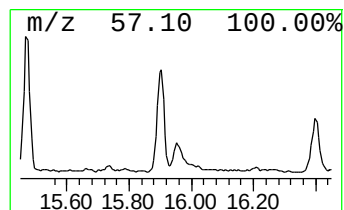
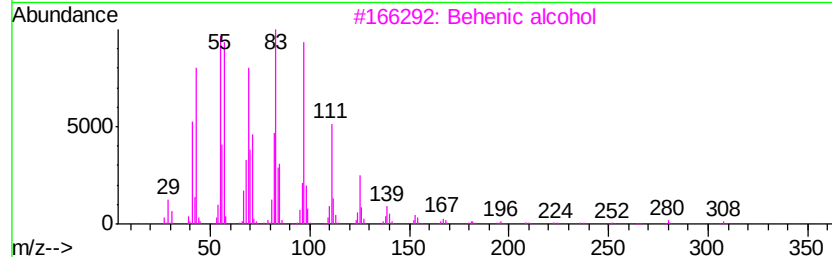
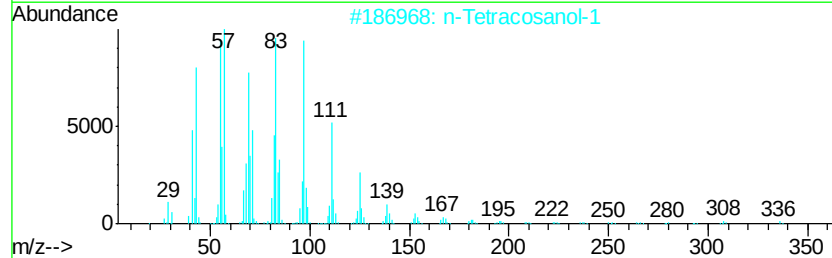
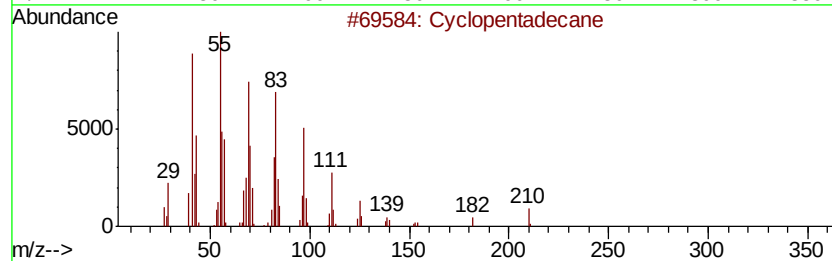
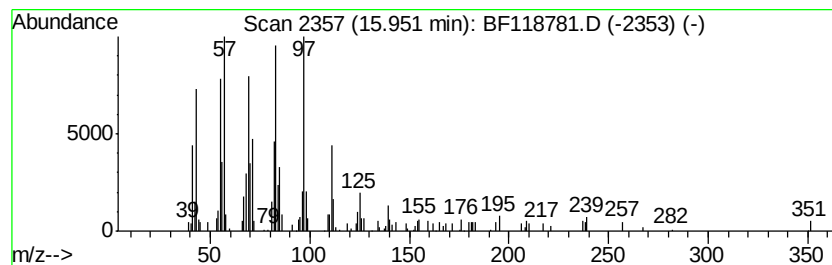
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.02 ng	190785	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		Behenic alcohol	326	C22H46O	000661-19-8	95
4		1-Heptacosanol	396	C27H56O	002004-39-9	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118781.D
Acq On : 31 Jan 2020 14:55
Operator : CG/JU
Sample : L1325-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
346

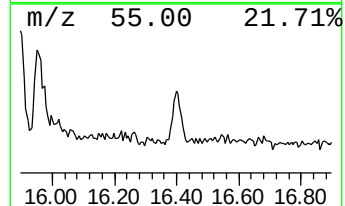
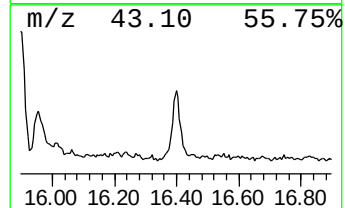
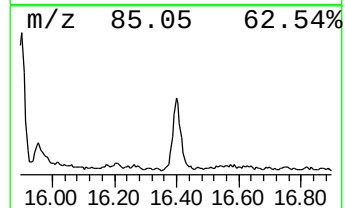
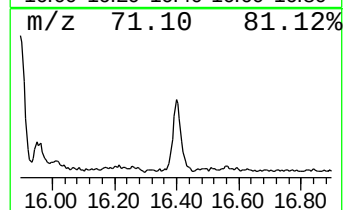
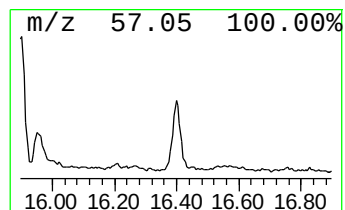
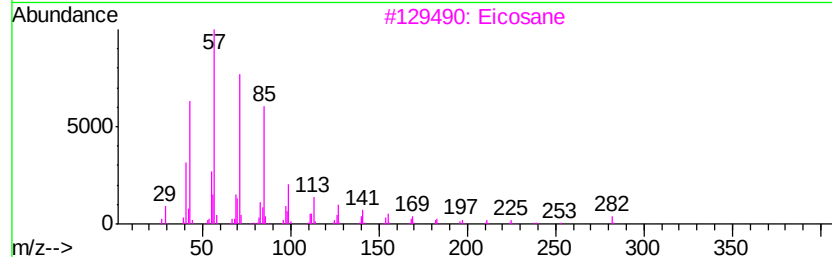
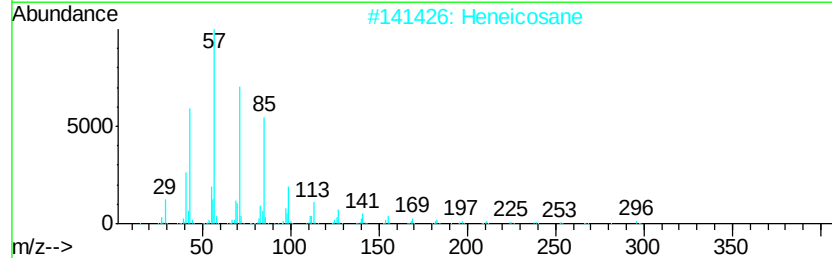
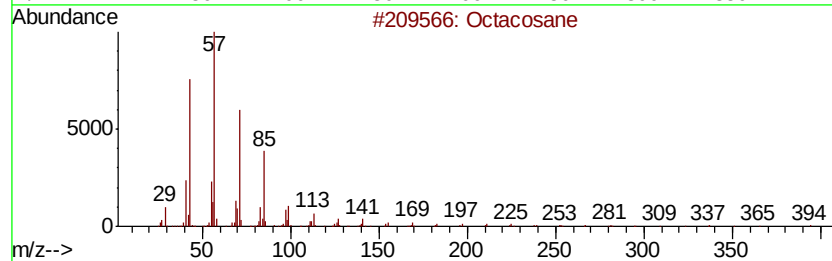
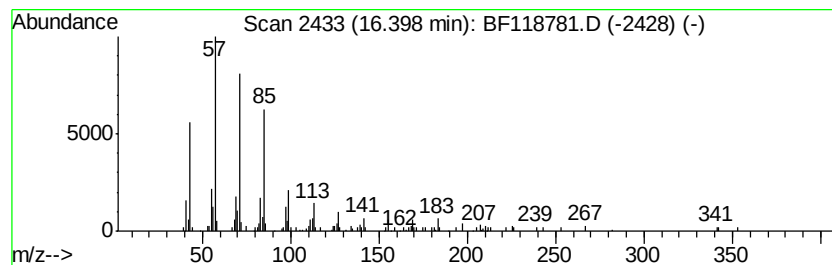
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.02 ng	191163	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
Data File : BF118781.D
Acq On : 31 Jan 2020 14:55
Operator : CG/JU
Sample : L1325-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.13	10.5	ng	859241	1	6.83	1633440	20.0
2-Pentanone, 4-hy...	5.05	4.1	ng	337269	1	6.83	1633440	20.0
n-Hexadecanoic acid	11.88	5.4	ng	729288	4	11.34	2710810	20.0
5-Eicosene, (E)-	13.83	13.4	ng	1395620	5	13.98	2082010	20.0
Hexacosane	14.46	3.2	ng	333209	5	13.98	2082010	20.0
Heptacosane	14.76	3.4	ng	322688	6	15.43	1892800	20.0
Heneicosane	15.10	4.2	ng	399450	6	15.43	1892800	20.0
Cyclopentadecane	15.95	2.0	ng	190785	6	15.43	1892800	20.0
Octacosane	16.40	2.0	ng	191163	6	15.43	1892800	20.0