

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002773.D
 Acq On : 16 Jul 2020 15:40
 Operator : CG/JU
 Sample : L3308-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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	4.716	305	311	318	rBV2	44270	69794	1.18%	0.150%
2	5.187	384	391	406	rBV	2489999	3788154	64.08%	8.127%
3	6.763	651	659	677	rBV	2499714	4208369	71.19%	9.029%
4	7.175	723	729	741	rBV	107671	215444	3.64%	0.462%
5	7.557	785	794	803	rBV	875994	1350790	22.85%	2.898%
6	8.704	980	989	1015	rBV	1654691	2838013	48.01%	6.089%
7	10.328	1258	1265	1281	rBV	1155912	2024711	34.25%	4.344%
8	12.822	1682	1689	1706	rBV	3565969	5637840	95.37%	12.096%
9	13.533	1805	1810	1815	rBV3	39925	62424	1.06%	0.134%
10	13.669	1828	1833	1841	rBV	627303	902800	15.27%	1.937%
11	14.069	1895	1901	1906	rBV3	31643	68197	1.15%	0.146%
12	14.210	1918	1925	1934	rBV	1761257	2641010	44.68%	5.666%
13	15.716	2173	2181	2192	rBV	2593144	3897012	65.92%	8.361%
14	16.227	2265	2268	2274	rVB	62930	97281	1.65%	0.209%
15	16.386	2291	2295	2304	rBV6	36800	92465	1.56%	0.198%
16	16.968	2388	2394	2404	rVB	1948426	2757604	46.65%	5.916%
17	17.051	2404	2408	2412	rBV3	47711	85988	1.45%	0.184%
18	17.092	2412	2415	2419	rVB	88476	112029	1.90%	0.240%
19	17.898	2548	2552	2560	rBV	154628	255719	4.33%	0.549%
20	18.174	2593	2599	2604	rBV6	42423	96285	1.63%	0.207%
21	18.374	2629	2633	2640	rVB	67597	98000	1.66%	0.210%
22	18.633	2672	2677	2681	rBV	577376	704388	11.92%	1.511%
23	18.721	2688	2692	2699	rBV	115513	153653	2.60%	0.330%
24	19.063	2746	2750	2757	rVB3	61618	100252	1.70%	0.215%
25	19.251	2778	2782	2786	rBV	128766	146102	2.47%	0.313%
26	19.557	2829	2834	2841	rVB	4506330	5911304	100.00%	12.682%
27	19.768	2867	2870	2874	rVV2	60541	78514	1.33%	0.168%
28	20.192	2938	2942	2946	rVB2	193442	228147	3.86%	0.489%
29	20.239	2946	2950	2955	rVB2	119057	163509	2.77%	0.351%
30	20.445	2981	2985	2990	rBV	333045	400262	6.77%	0.859%
31	20.815	3043	3048	3058	rBV	852445	1260149	21.32%	2.704%
32	21.080	3088	3093	3097	rBV	1634643	2092333	35.40%	4.489%
33	21.692	3191	3197	3205	rBV2	243363	470343	7.96%	1.009%
34	22.627	3353	3356	3361	rVB	302357	399011	6.75%	0.856%

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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_P\METHODS\8270-BP071020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.268	3459	3465	3474	rVB2	936464	1774649	30.02%	3.807%
36	23.821	3556	3559	3567	rVB	195473	335021	5.67%	0.719%
37	26.274	3971	3976	3994	rVB4	342374	1093484	18.50%	2.346%

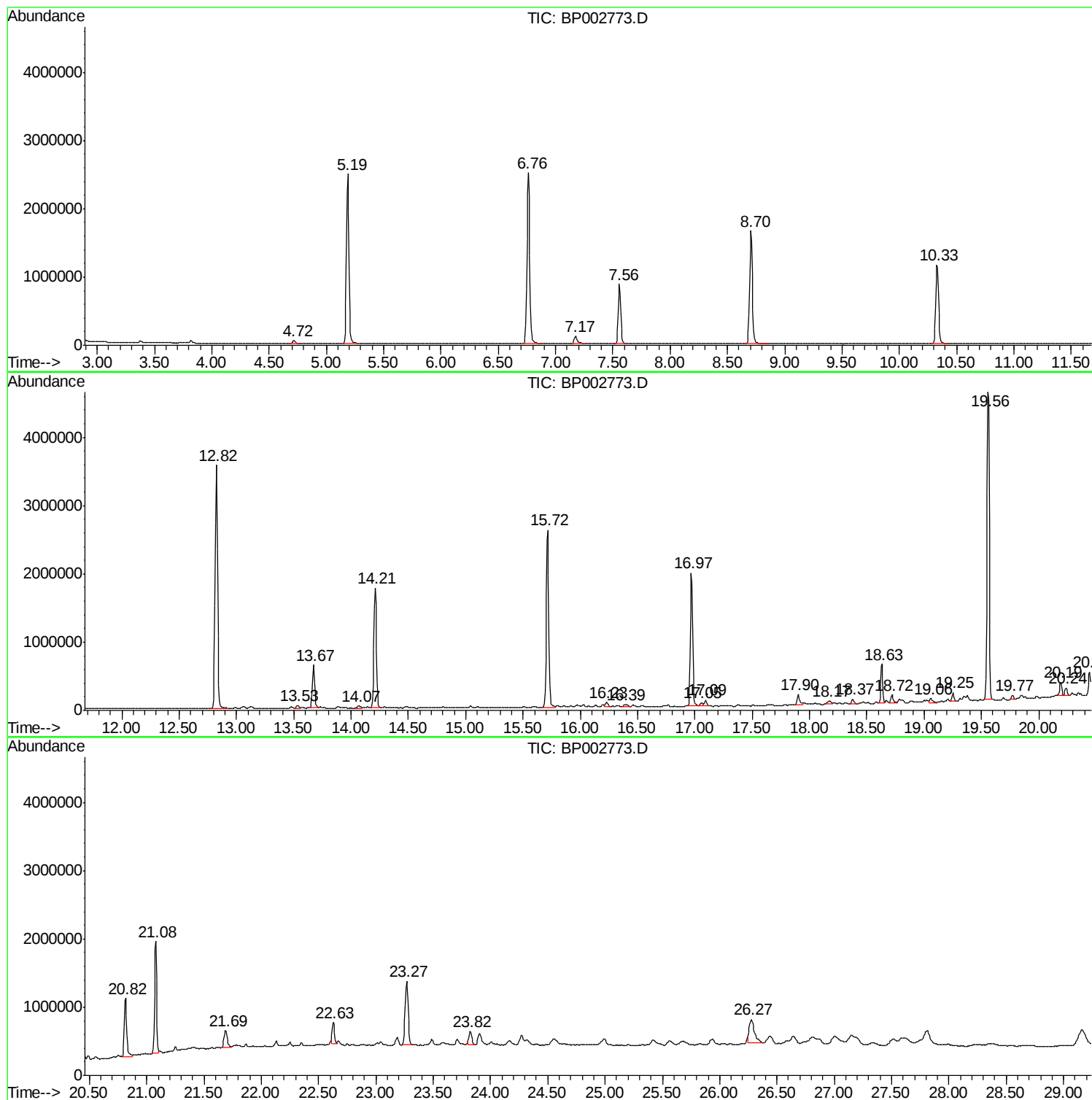
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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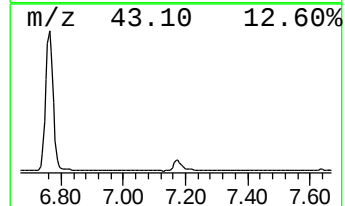
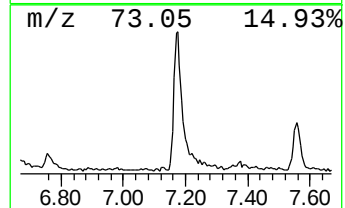
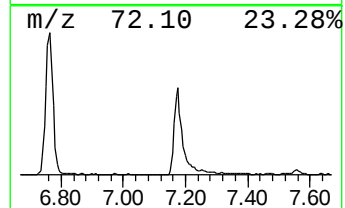
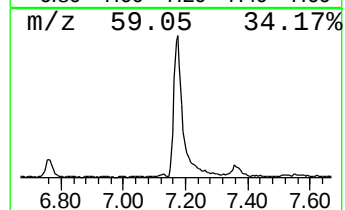
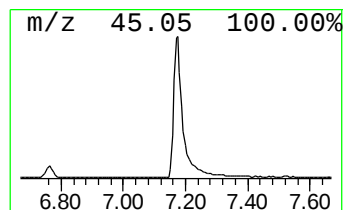
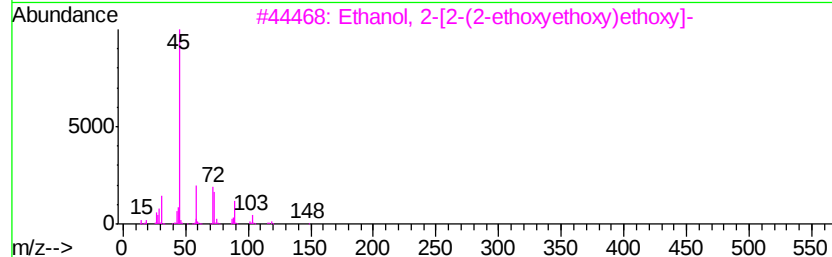
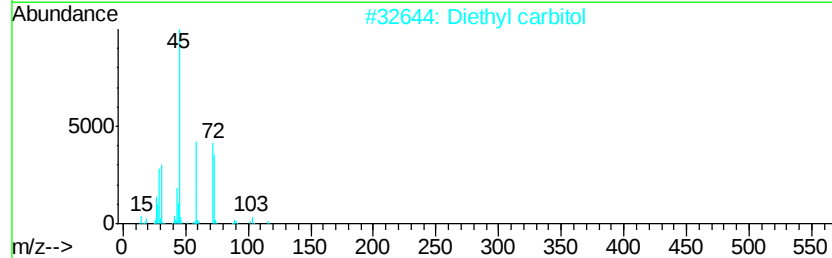
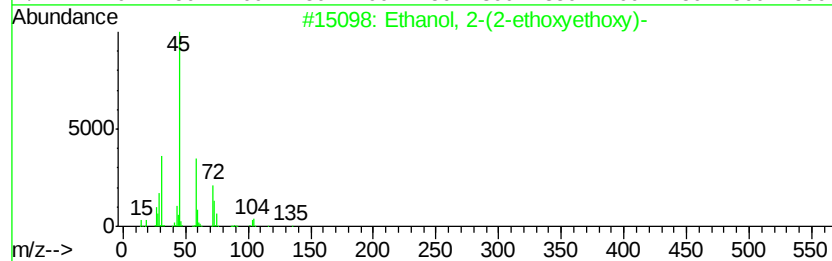
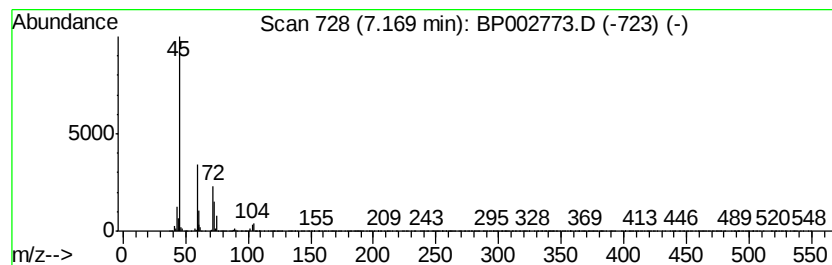
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	3.19 ng	215444	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxvethoxv)-	134	C6H14O3	000111-90-0	90
2		Diethyl carbitol	162	C8H18O3	000112-36-7	72
3		Ethanol, 2-[2-(2-ethoxvethoxv)et...	178	C8H18O4	000112-50-5	50
4		2-Propanol, 1-(1-methvlethoxv)-	118	C6H14O2	003944-36-3	45
5		Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	42



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ClientSampleId :
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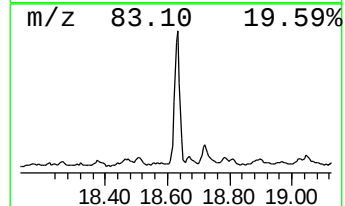
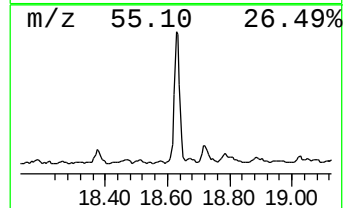
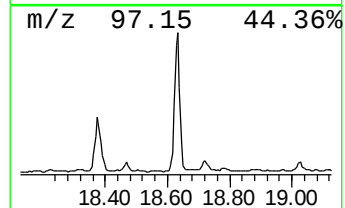
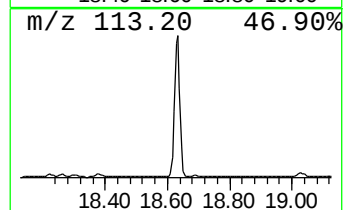
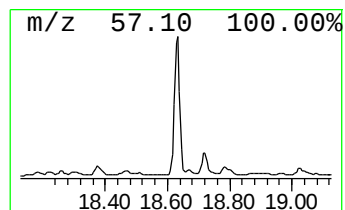
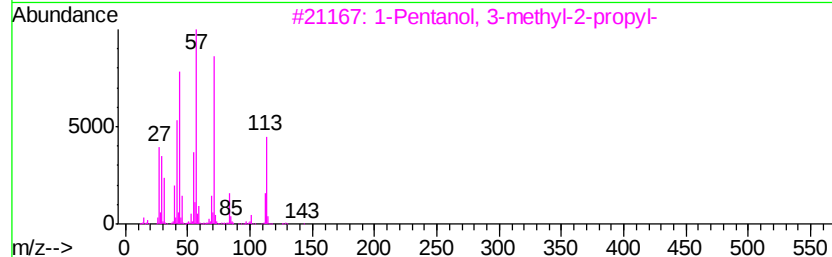
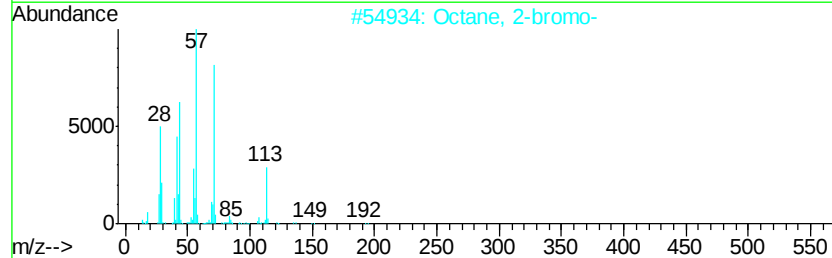
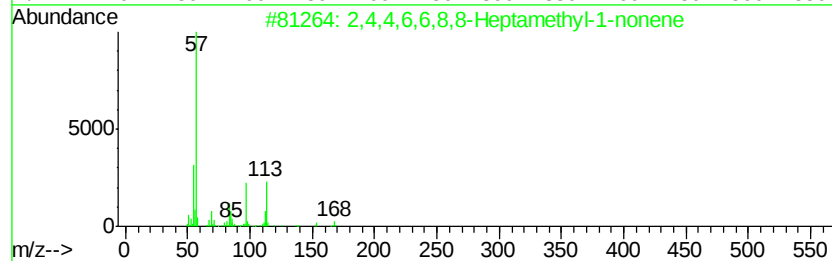
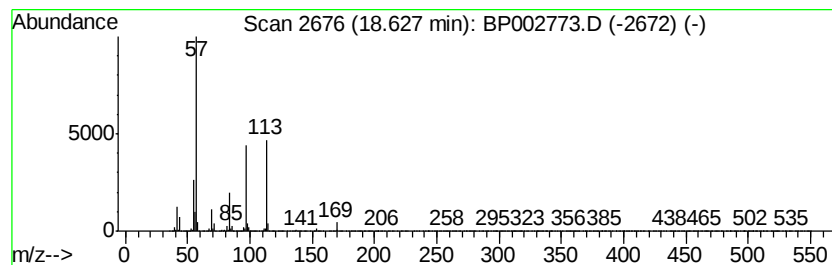
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown18.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	5.11 ng	704388	Phenanthrene-d10	16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	43		
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38		
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	33		
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	32		
5	4,4-Dimethyl-3-oxopentanenitrile	125	C7H11NO	059997-51-2	25		



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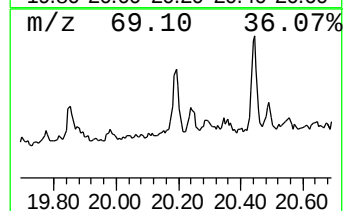
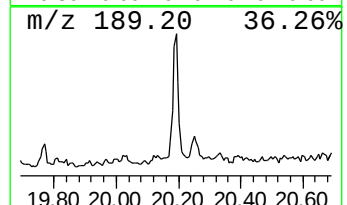
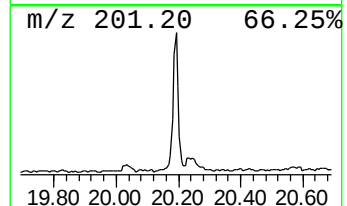
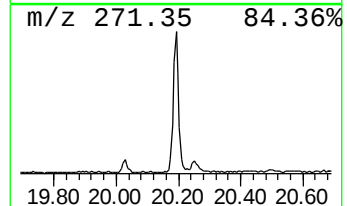
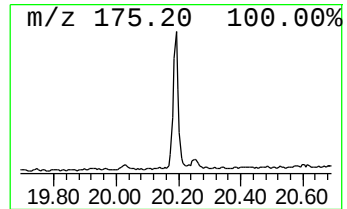
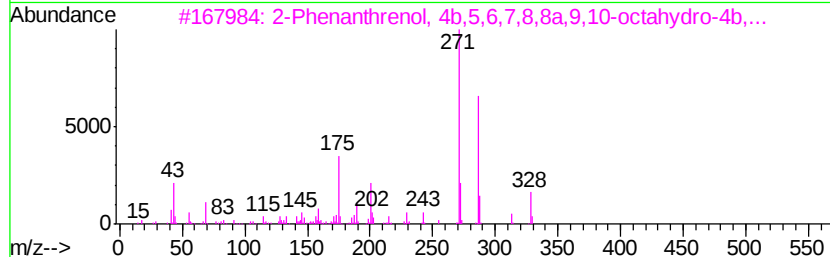
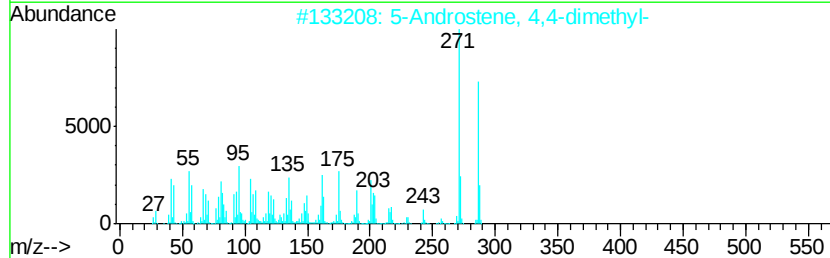
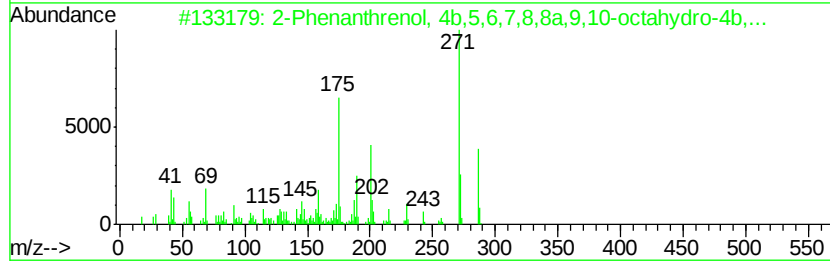
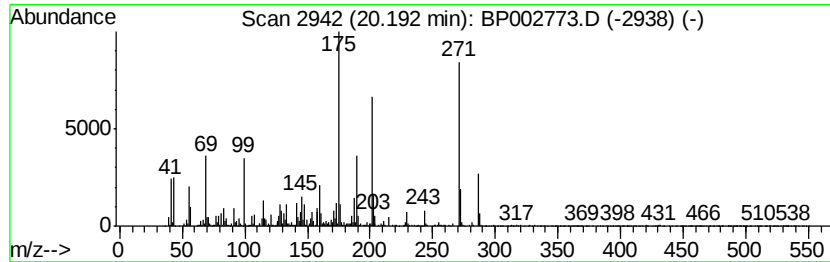
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.18 ng	228147	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	83
2		5-Androstene, 4,4-dimethyl-	286	C21H34	1000194-15-4	53
3		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	52
4		Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	38
5		Propionic acid, 3,3,3-trifluoro-...	330	C15H13F3O3S	1000276-91-1	35



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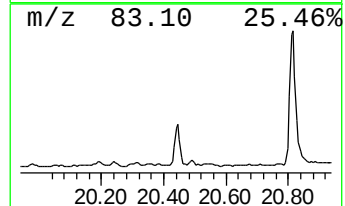
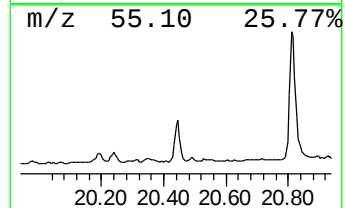
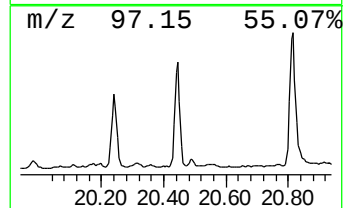
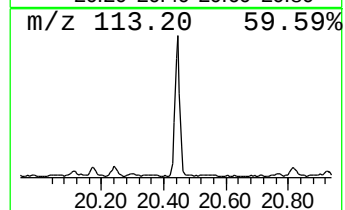
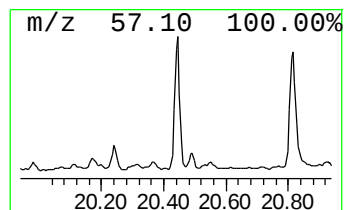
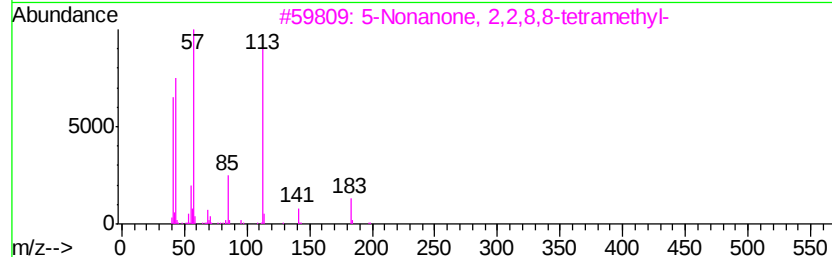
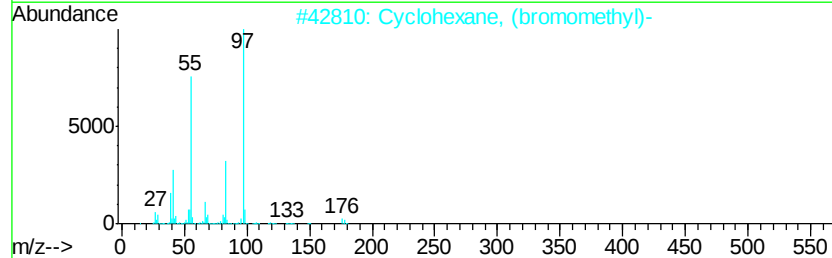
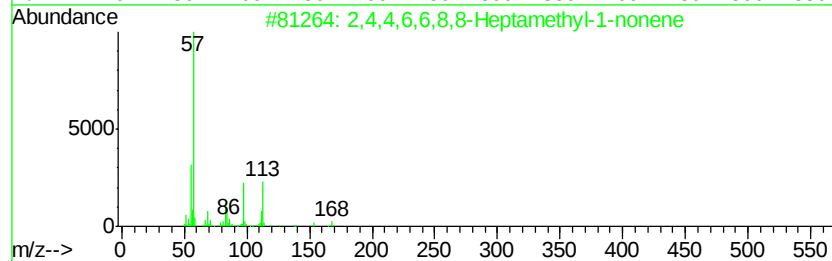
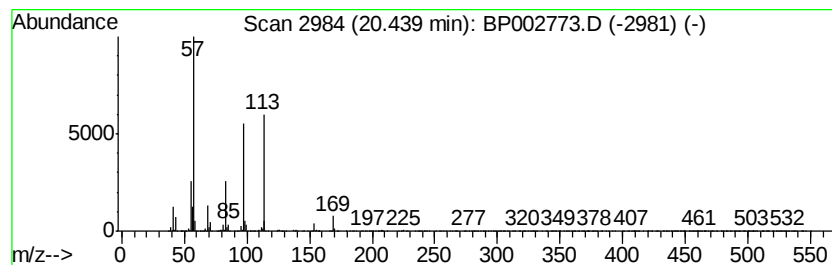
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.83 ng	400262	Chrysene-d12	21.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	83
2			Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	35
3			5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	25
4			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	25
5			2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	25



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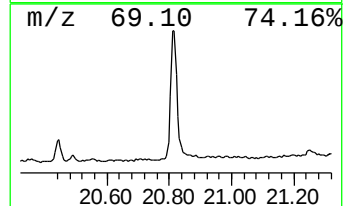
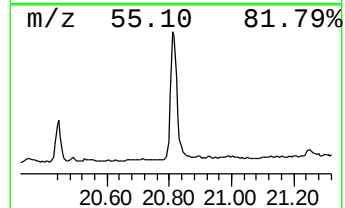
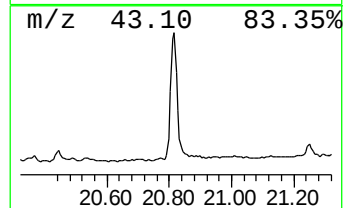
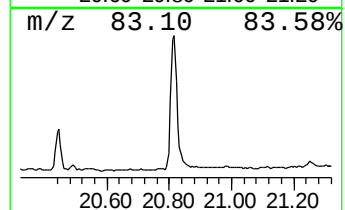
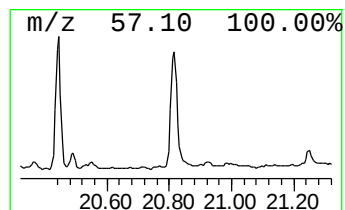
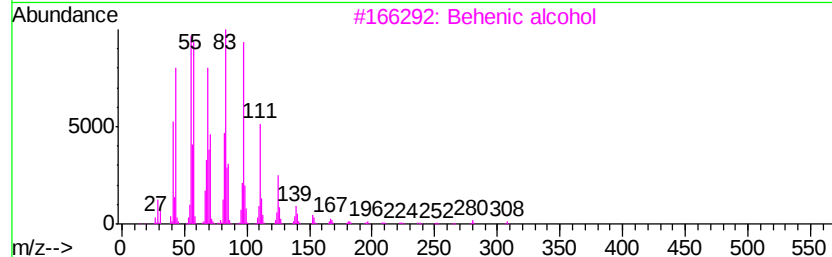
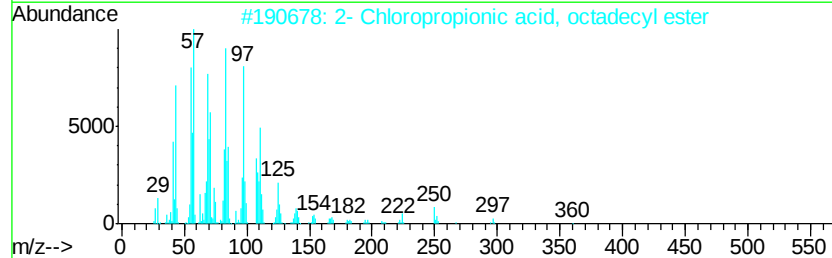
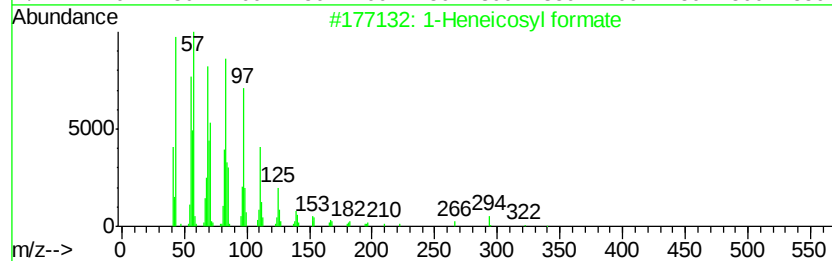
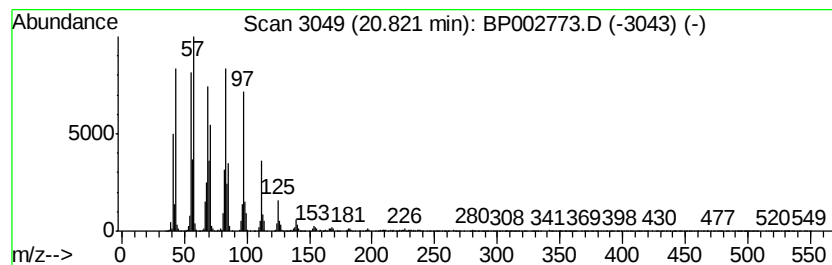
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	12.05 ng	1260150	Chrysene-d12	21.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	95
2	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	94
3	Behenic alcohol		326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
5	3-Eicosene, (E)-		280	C20H40	074685-33-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002773.D
Acq On : 16 Jul 2020 15:40
Operator : CG/JU
Sample : L3308-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

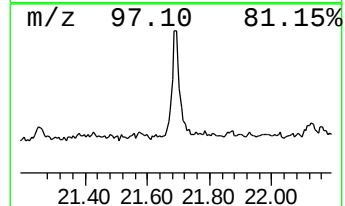
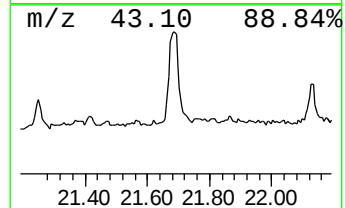
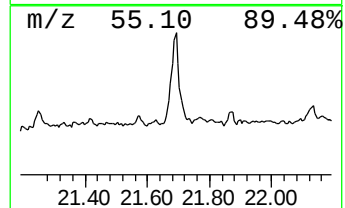
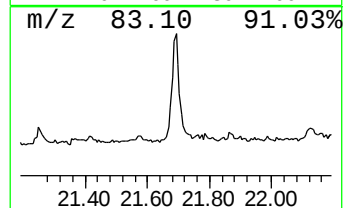
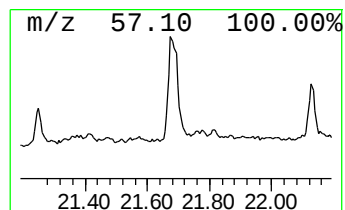
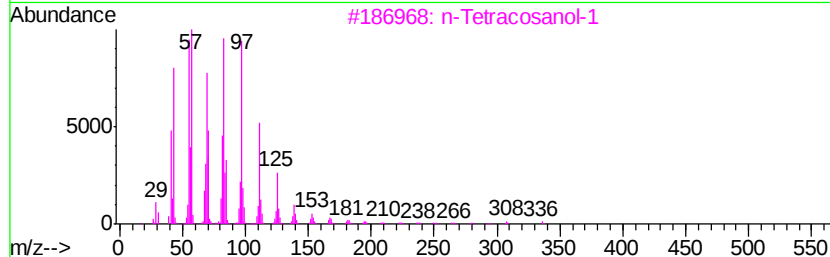
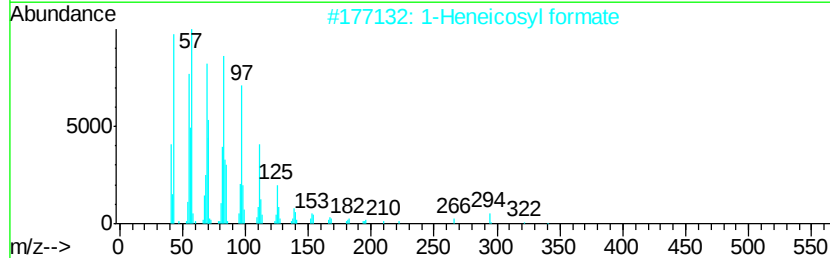
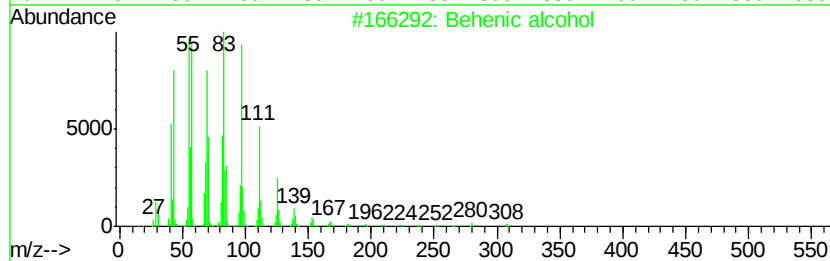
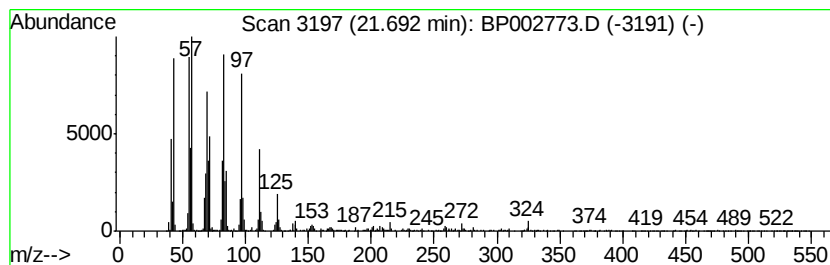
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.69	4.50 ng	470343	Chrysene-d12	21.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002773.D
Acq On : 16 Jul 2020 15:40
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Sample : L3308-01
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Instrument :
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ClientSampleId :
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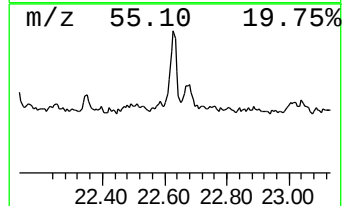
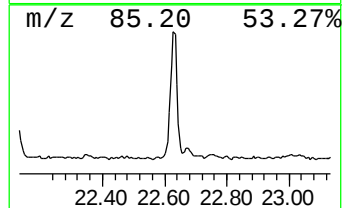
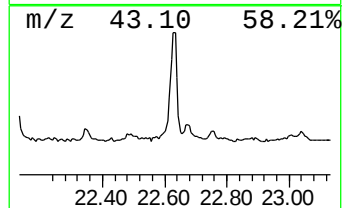
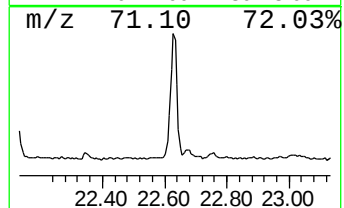
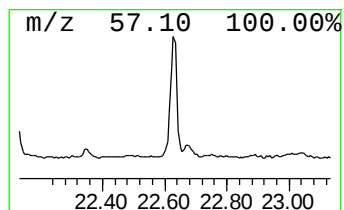
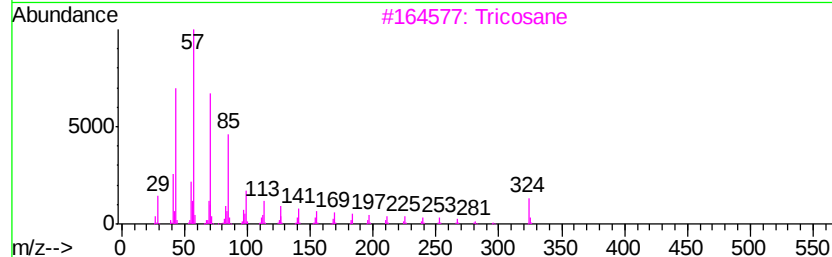
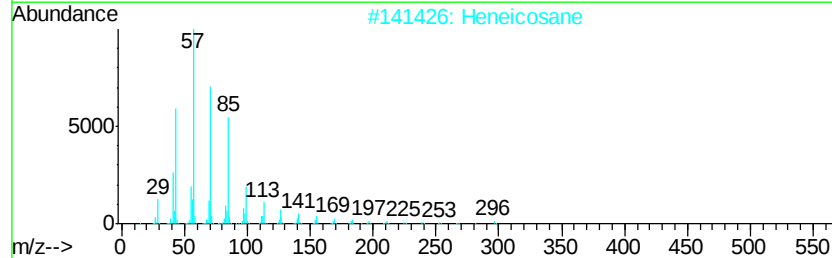
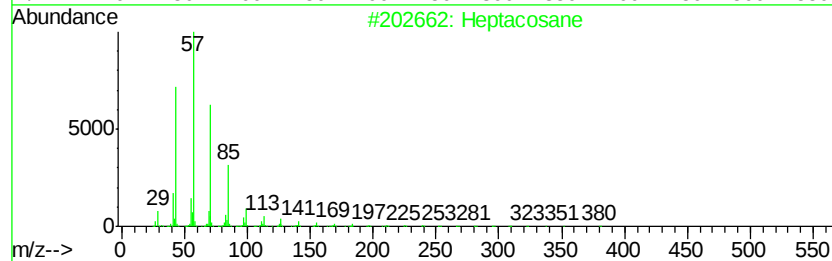
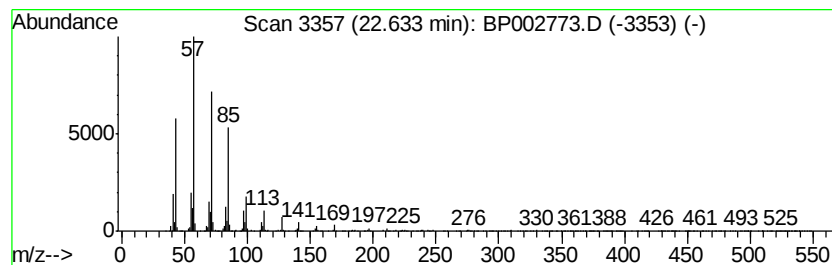
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	4.50 ng	399011	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tricosane	324	C23H48	000638-67-5	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002773.D
Acq On : 16 Jul 2020 15:40
Operator : CG/JU
Sample : L3308-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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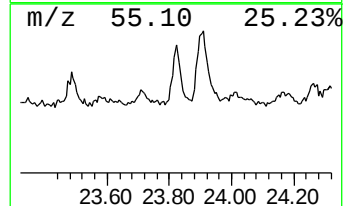
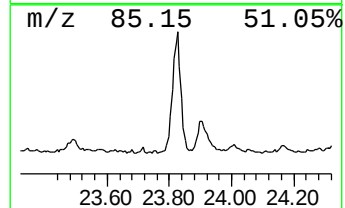
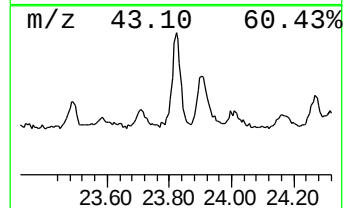
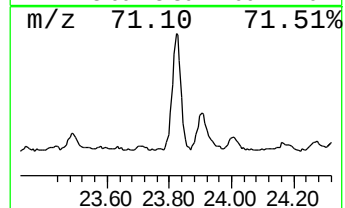
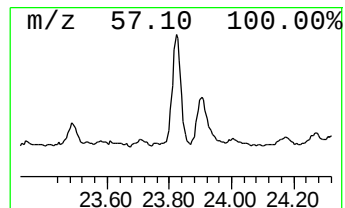
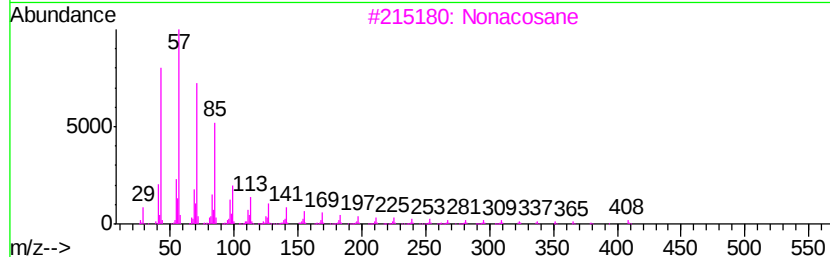
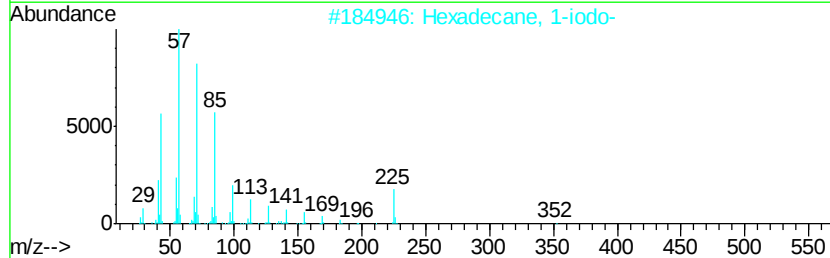
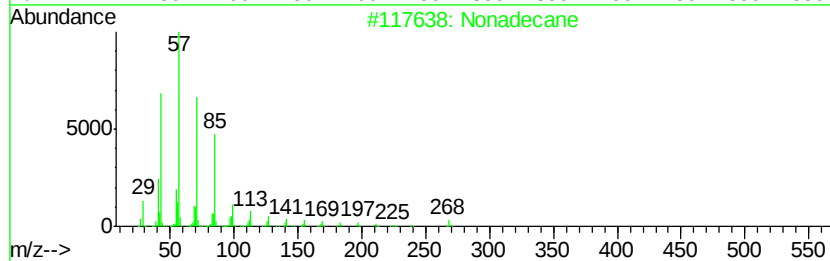
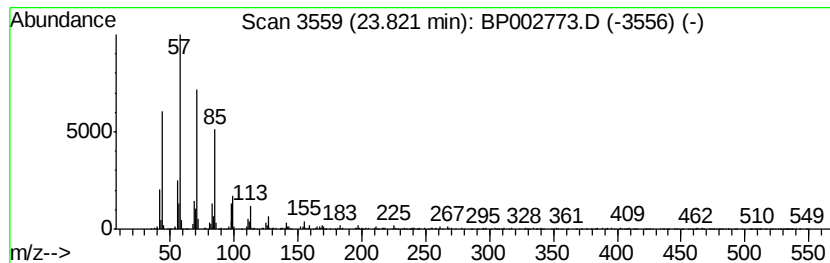
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	3.78 ng	335021	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3		Nonacosane	408	C29H60	000630-03-5	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002773.D
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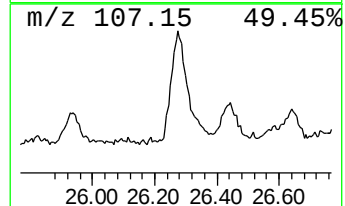
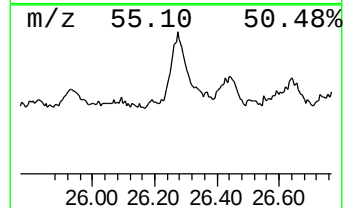
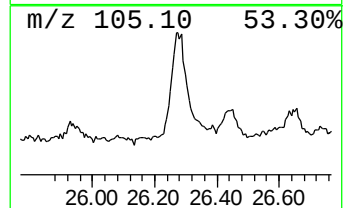
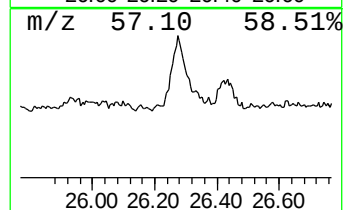
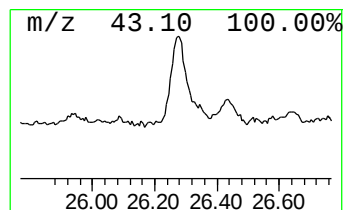
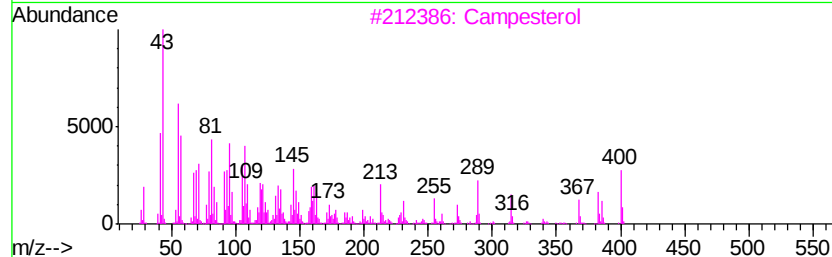
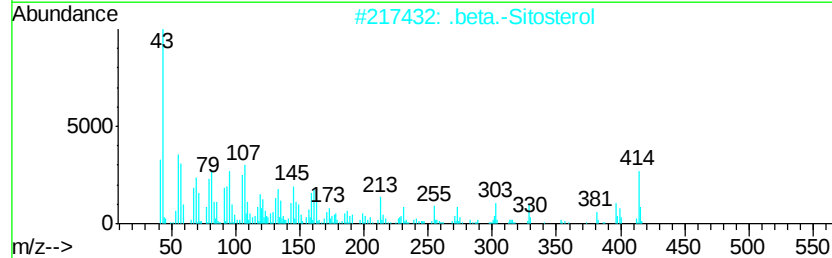
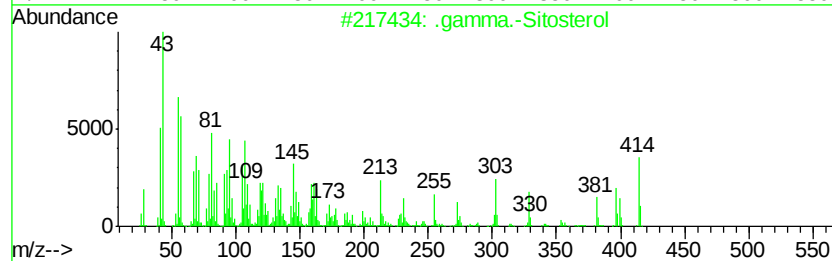
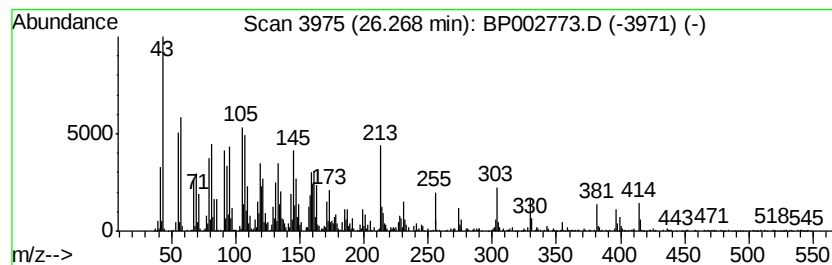
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.27	12.32 ng	1093480	Perylene-d12	23.27		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3		Campesterol	400	C28H48O	000474-62-4	38
4		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25
5		5-Cholesten-3.beta.-acetoxyl-24-t...	460	C29H48O2S	1000253-09-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP071620\
 Data File : BP002773.D
 Acq On : 16 Jul 2020 15:40
 Operator : CG/JU
 Sample : L3308-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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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unknown18.63	18.63	5.1	ng	704388	4	16.97	2757600	20.0
2-Phenanthrenol, ...	20.19	2.2	ng	228147	5	21.08	2092330	20.0
2,4,4,6,6,8,8-Hep...	20.44	3.8	ng	400262	5	21.08	2092330	20.0
1-Heneicosyl formate	20.82	12.1	ng	1260150	5	21.08	2092330	20.0
Behenic alcohol	21.69	4.5	ng	470343	5	21.08	2092330	20.0
Heptacosane	22.63	4.5	ng	399011	6	23.27	1774650	20.0
Nonadecane	23.82	3.8	ng	335021	6	23.27	1774650	20.0
.gamma.-Sitosterol	26.27	12.3	ng	1093480	6	23.27	1774650	20.0