

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002895.D
 Acq On : 31 Jul 2020 16:34
 Operator : CG/JU
 Sample : L3453-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-PS-01-067

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-BP073020.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	2.917	3	5	13	rVB2	773248	1182501	5.00%	0.811%
2	2.993	13	18	32	rVB	4091157	4997567	21.12%	3.426%
3	5.322	407	414	424	rBV	8633571	12107723	51.16%	8.301%
4	6.893	671	681	691	rBV	7733564	12415917	52.46%	8.512%
5	7.716	813	821	830	rBV	2119996	3209206	13.56%	2.200%
6	8.858	1007	1015	1030	rVB	4839368	7863289	33.22%	5.391%
7	10.493	1286	1293	1301	rBV	2699571	4541248	19.19%	3.113%
8	12.975	1708	1715	1725	rVB	12529878	18256091	77.14%	12.516%
9	13.810	1851	1857	1865	rBV	1320406	1770775	7.48%	1.214%
10	14.351	1942	1949	1957	rBV	4241865	6099767	25.77%	4.182%
11	15.840	2196	2202	2214	rBV	9354856	13638297	57.63%	9.350%
12	17.104	2411	2417	2422	rBV	4850277	6761320	28.57%	4.635%
13	18.028	2569	2574	2582	rBV	2048960	2790313	11.79%	1.913%
14	18.775	2696	2701	2705	rBV	510216	638062	2.70%	0.437%
15	19.186	2769	2771	2779	rVB	190368	247965	1.05%	0.170%
16	19.263	2780	2784	2796	rBV	860541	1309169	5.53%	0.898%
17	19.680	2850	2855	2864	rVB	19324581	23667058	100.00%	16.226%
18	20.316	2960	2963	2967	rVB3	197250	259413	1.10%	0.178%
19	20.939	3065	3069	3082	rBV	2728035	3210868	13.57%	2.201%
20	21.192	3107	3112	3117	rBV	4756757	6155030	26.01%	4.220%
21	21.833	3216	3221	3231	rBV	788077	1216822	5.14%	0.834%
22	22.827	3386	3390	3395	rBV	891501	1192187	5.04%	0.817%
23	23.463	3491	3498	3515	rVB2	3105869	6156992	26.02%	4.221%
24	24.104	3602	3607	3613	rBB	453057	837496	3.54%	0.574%
25	24.174	3614	3619	3633	rVB	685313	1403449	5.93%	0.962%
26	26.674	4036	4044	4054	rBV3	1397272	3932116	16.61%	2.696%

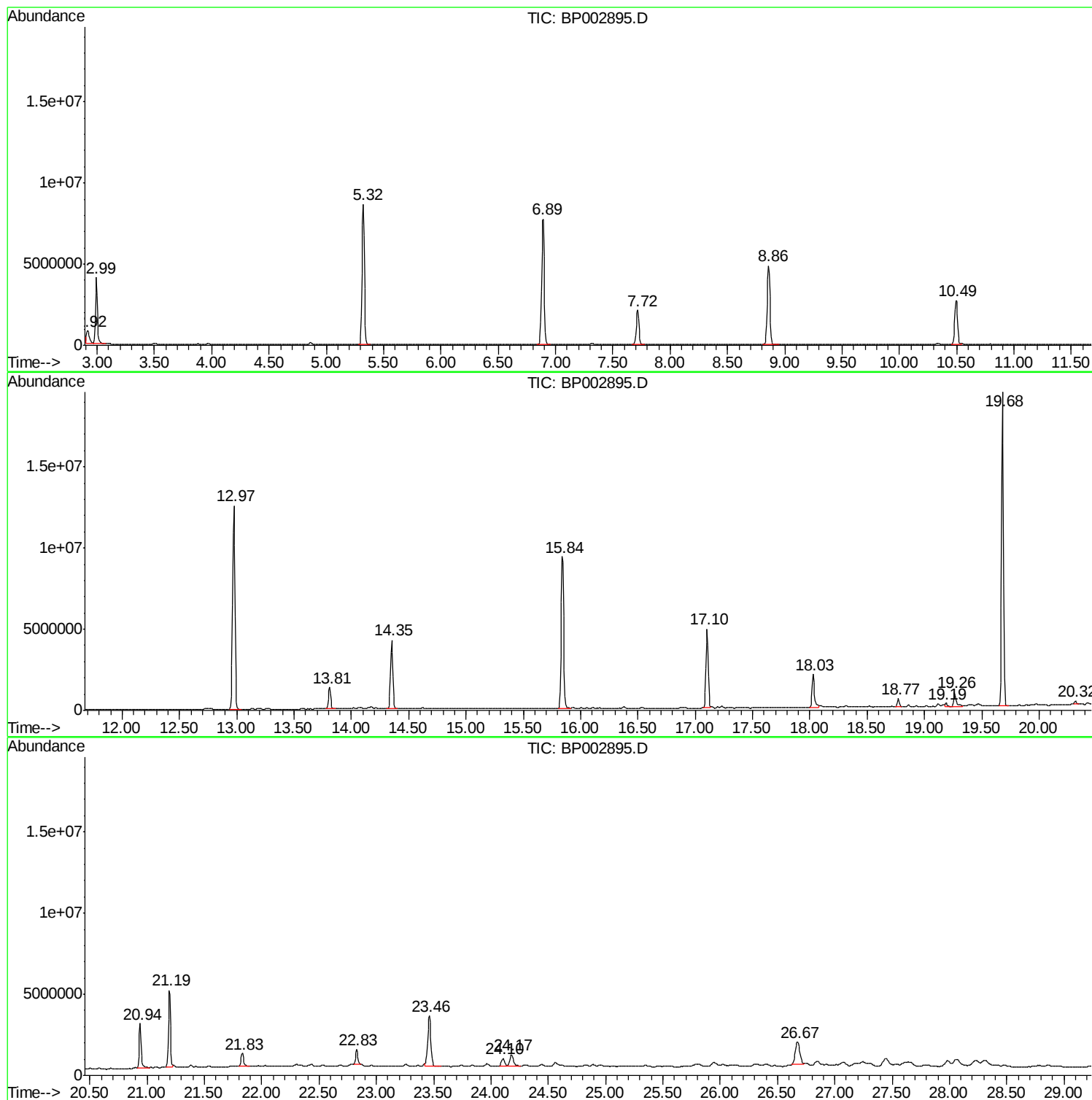
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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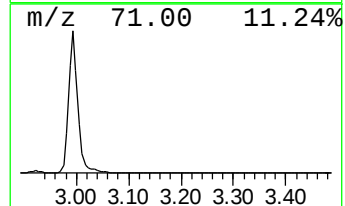
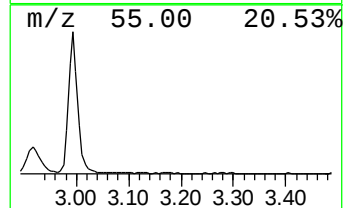
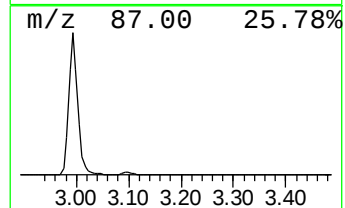
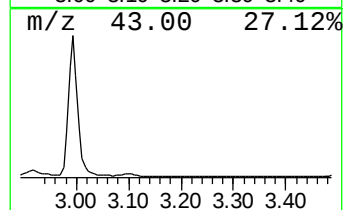
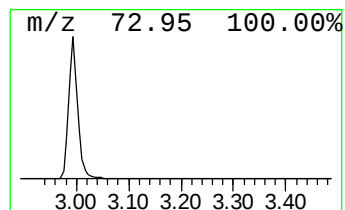
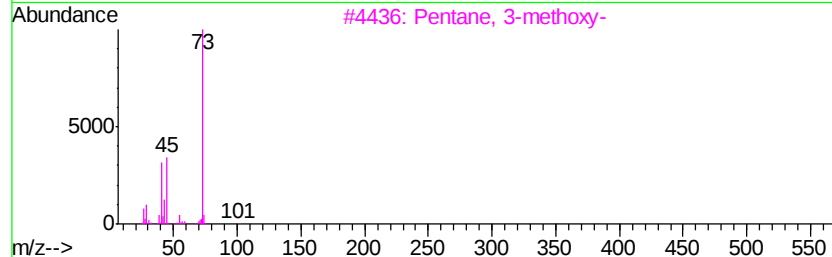
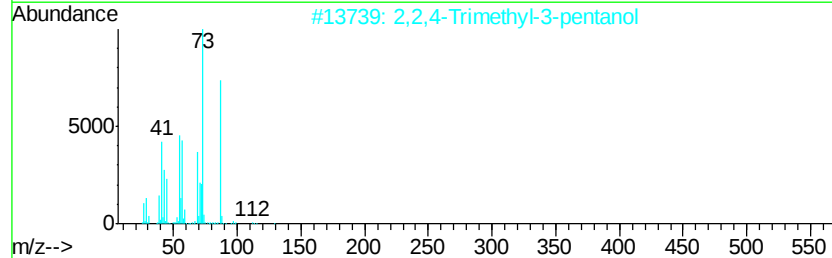
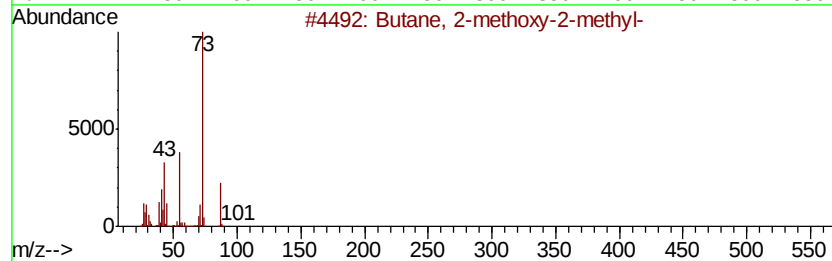
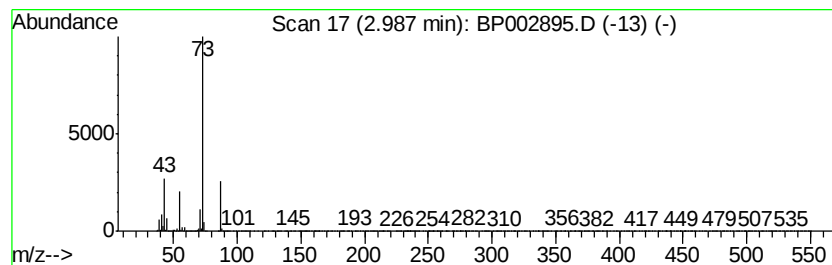
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	31.15 ng	4997570	1,4-Dichlorobenzene-d4	7.72

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	12
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9



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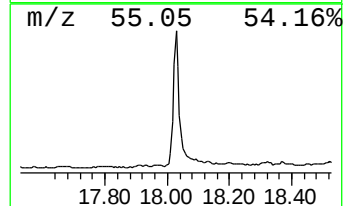
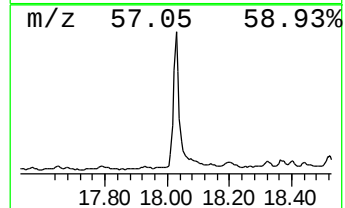
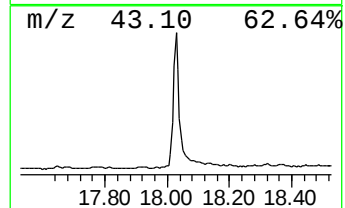
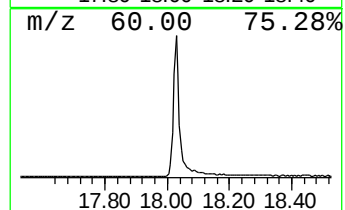
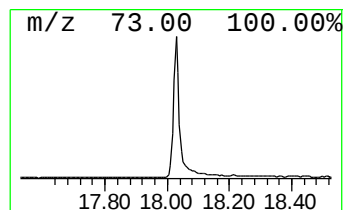
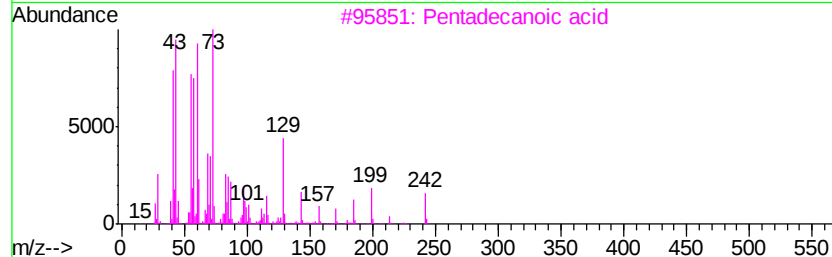
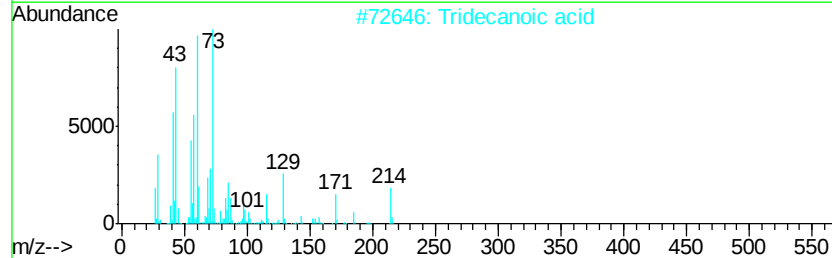
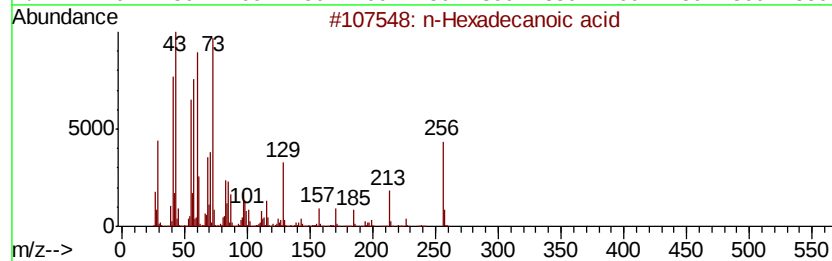
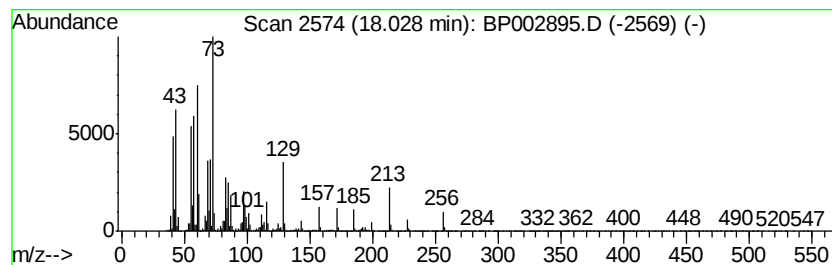
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	8.25 ng	2790310	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		Dodecanoic acid	200	C12H24O2	000143-07-7	50



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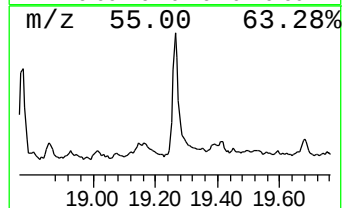
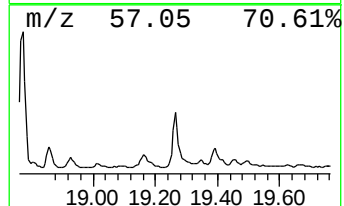
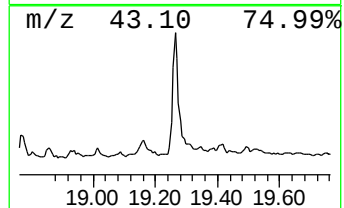
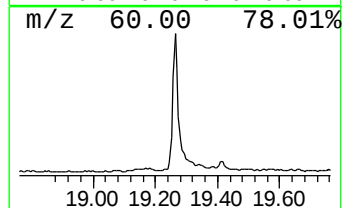
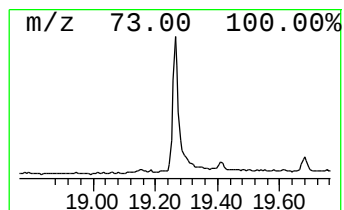
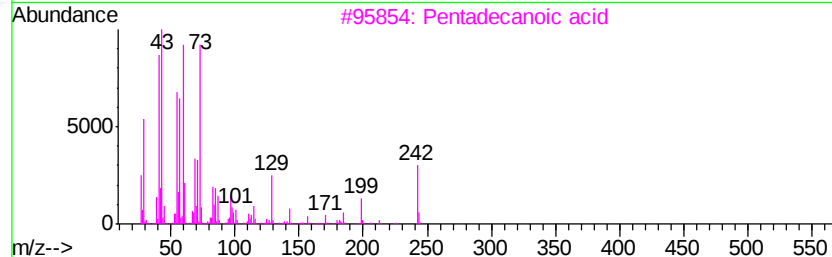
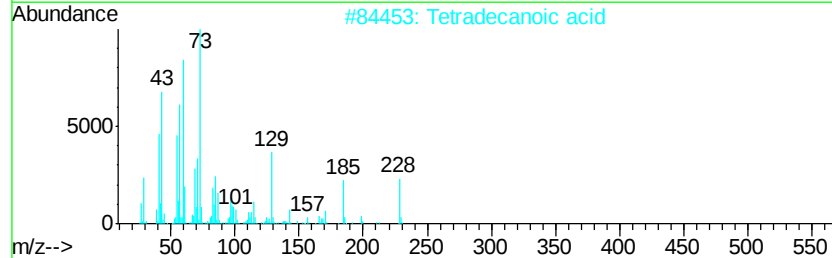
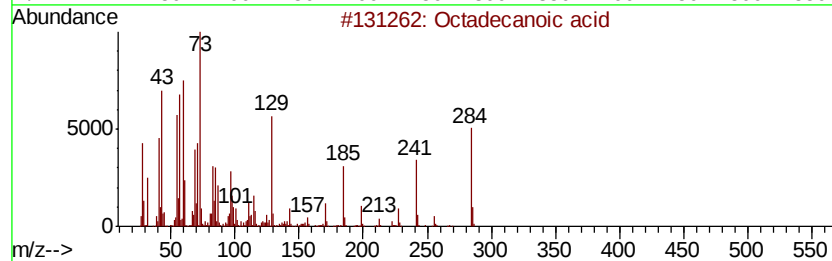
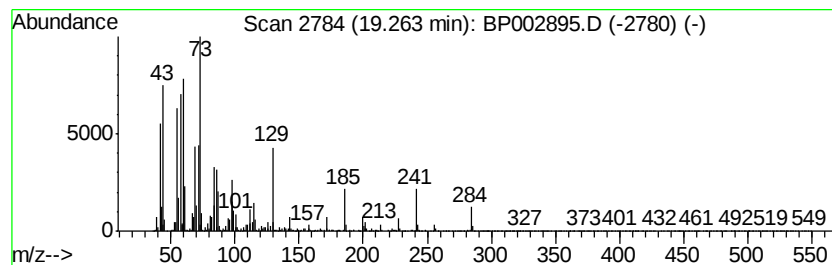
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	4.25 ng	1309170	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



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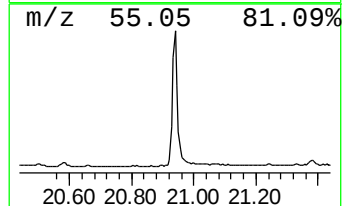
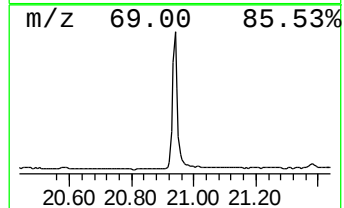
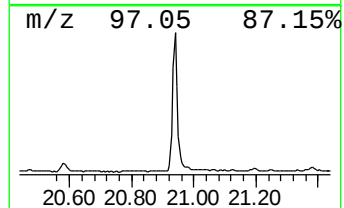
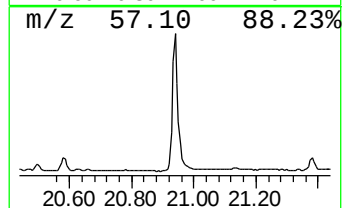
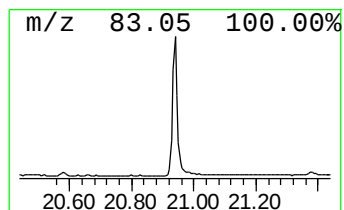
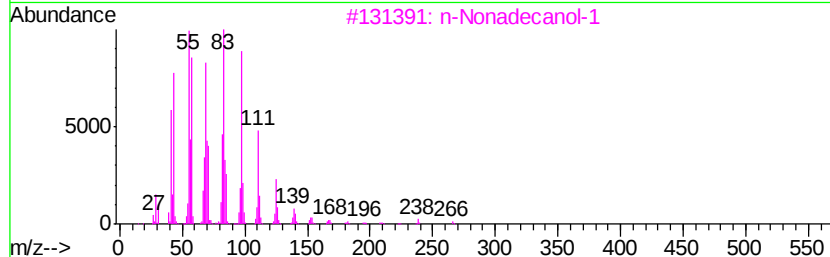
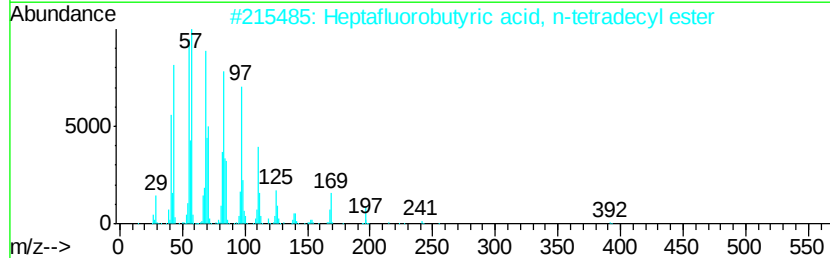
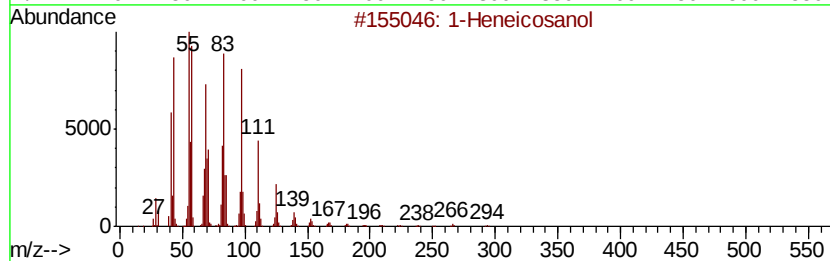
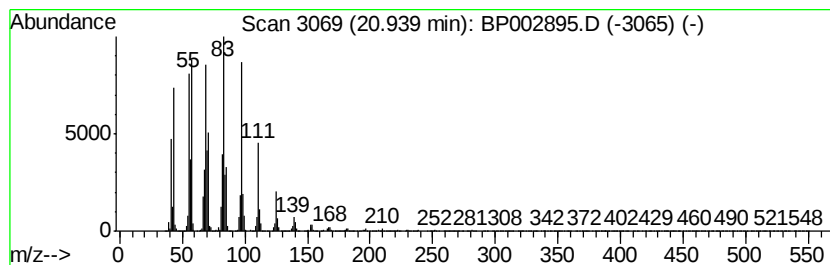
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	10.43 ng	3210870	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		Cyclopentadecane	210	C15H30	000295-48-7	93



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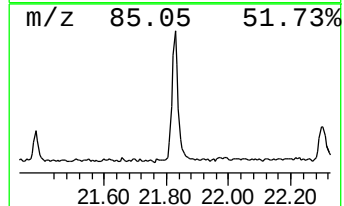
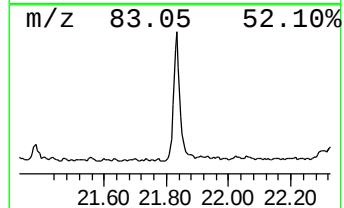
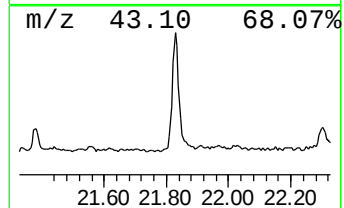
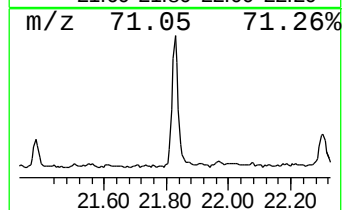
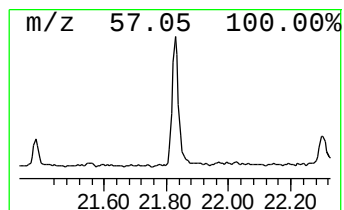
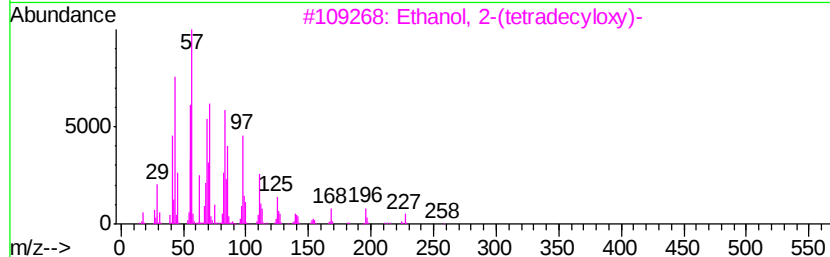
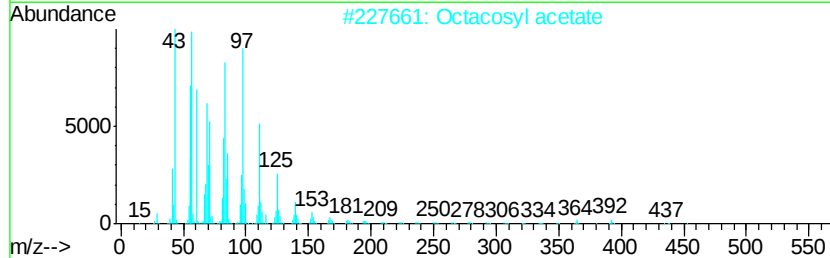
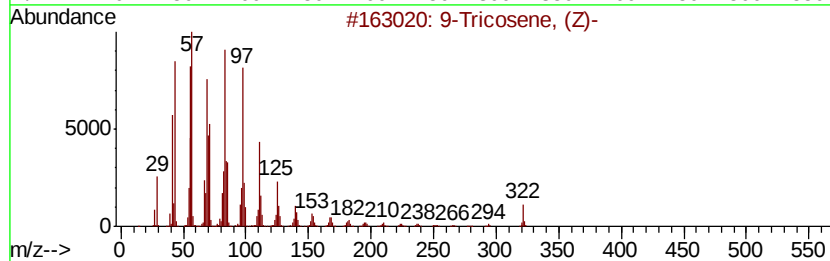
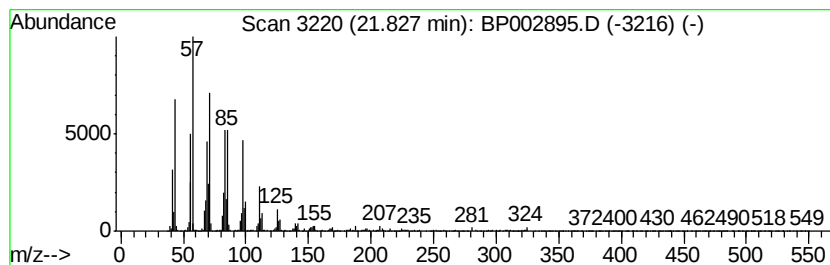
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9-Tricosene, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	3.95 ng	1216820	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	97
2		Octacosyl acetate	452	C30H60O2	018206-97-8	97
3		Ethanol, 2-(tetradecyl)-	258	C16H34O2	002136-70-1	96
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	92



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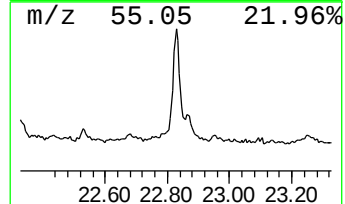
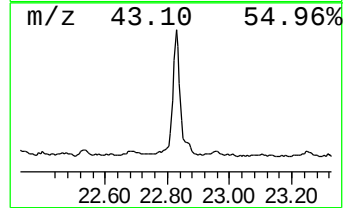
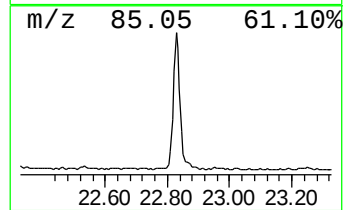
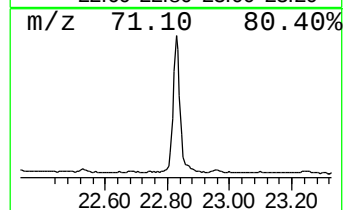
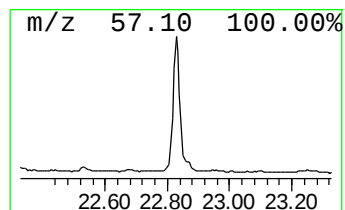
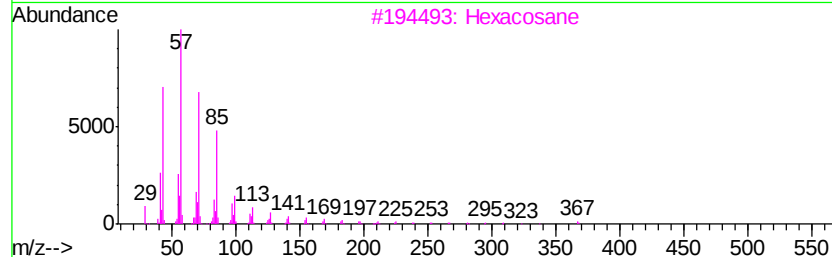
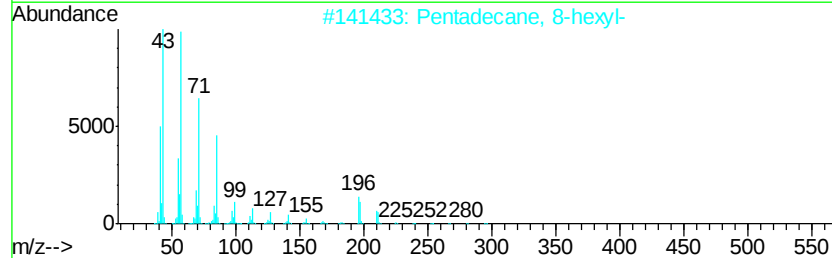
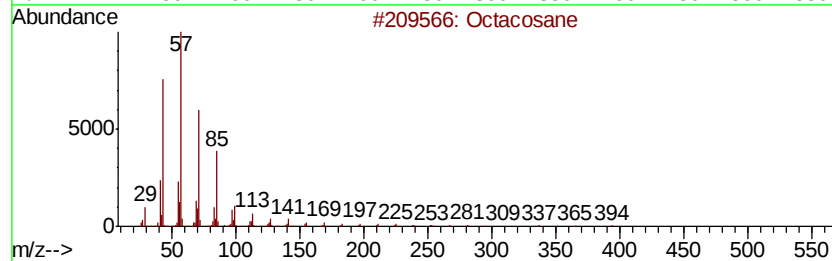
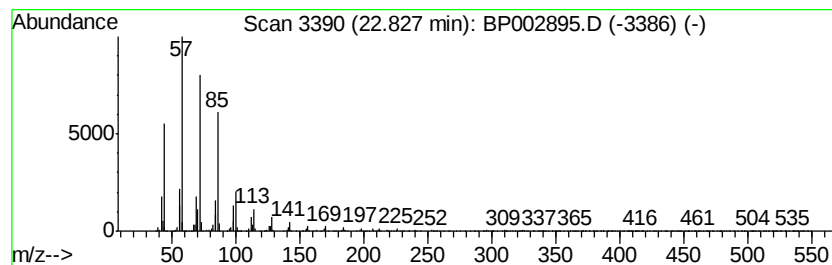
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.87 ng	1192190	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
Data File : BP002895.D
Acq On : 31 Jul 2020 16:34
Operator : CG/JU
Sample : L3453-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-PS-01-067

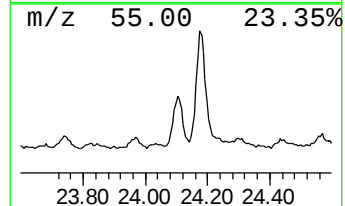
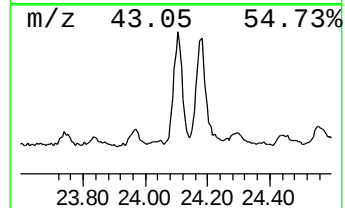
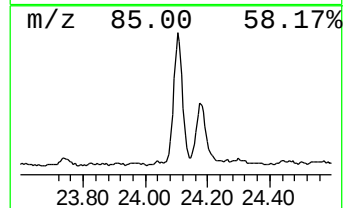
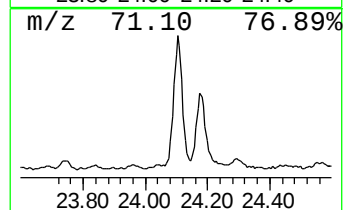
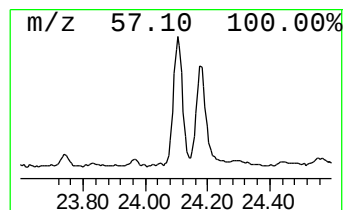
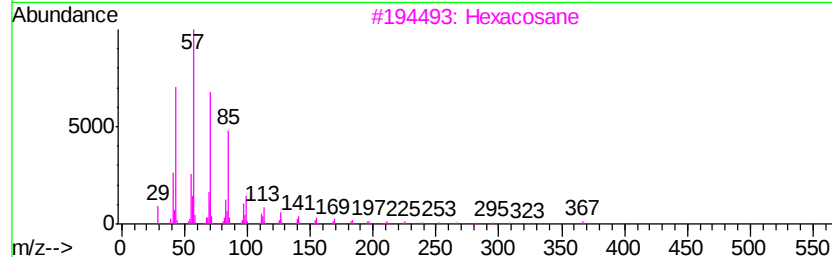
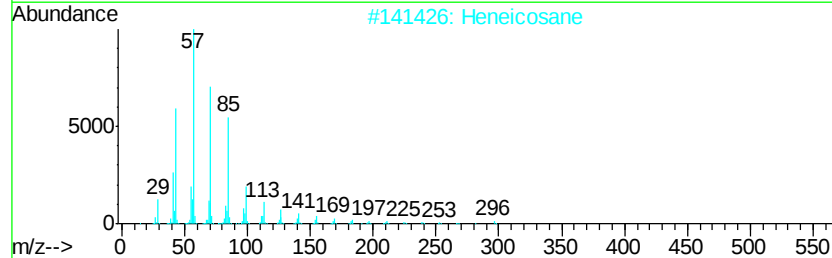
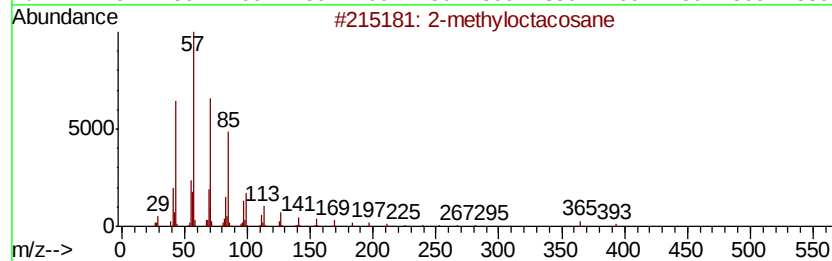
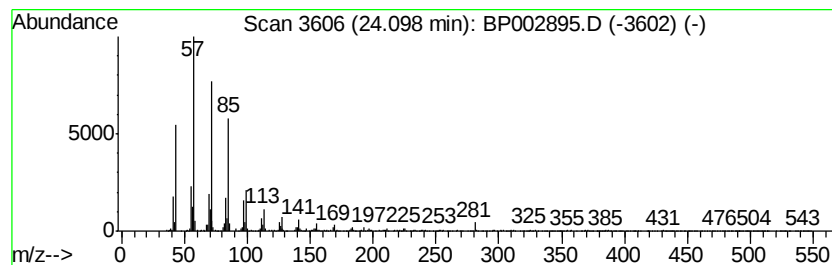
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.72 ng	837496	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octacosane	394	C28H58	000630-02-4	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
Data File : BP002895.D
Acq On : 31 Jul 2020 16:34
Operator : CG/JU
Sample : L3453-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-PS-01-067

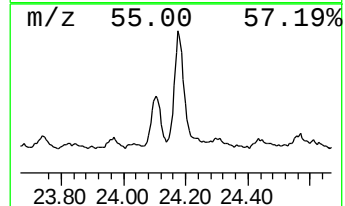
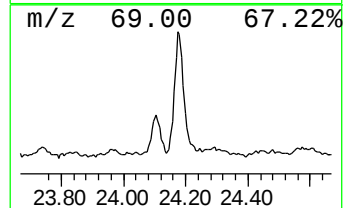
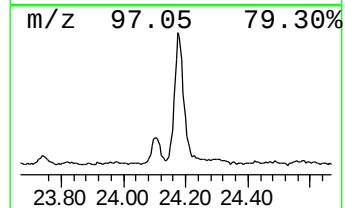
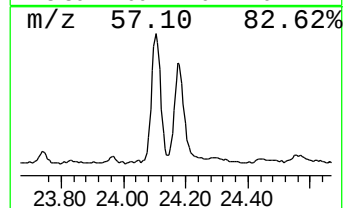
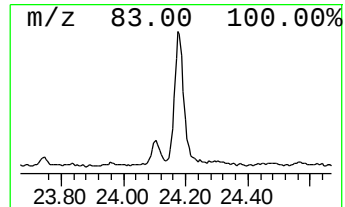
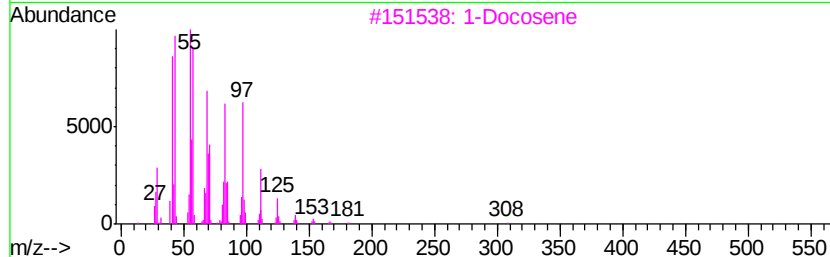
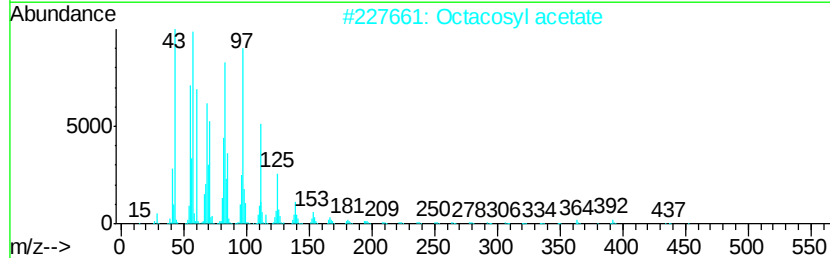
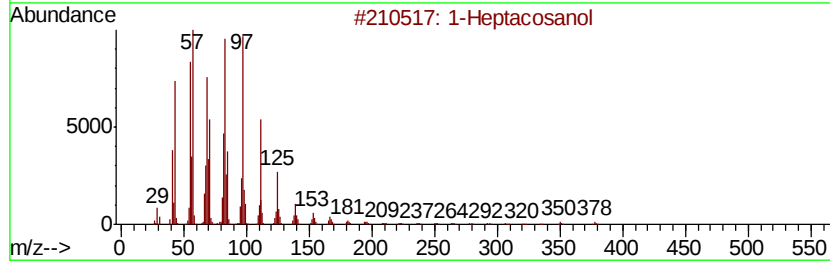
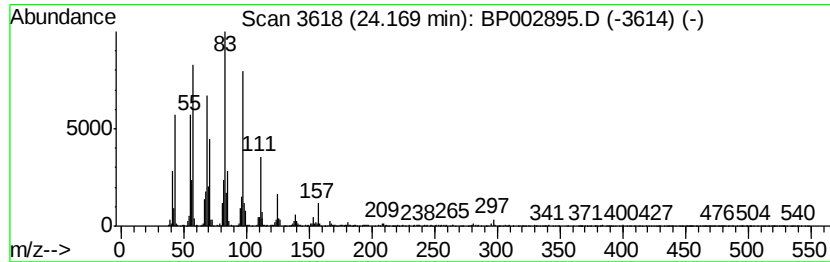
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	4.56 ng	1403450	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	86
2		Octacosyl acetate	452	C30H60O2	018206-97-8	78
3		1-Docosene	308	C22H44	001599-67-3	68
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	64
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
Data File : BP002895.D
Acq On : 31 Jul 2020 16:34
Operator : CG/JU
Sample : L3453-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

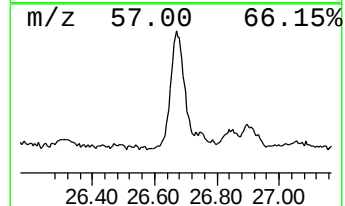
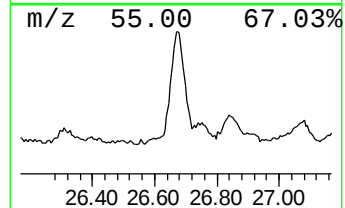
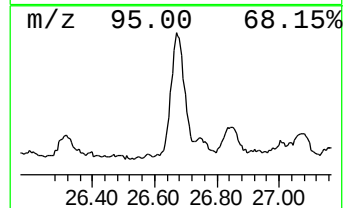
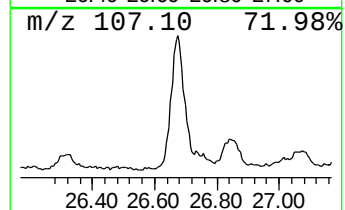
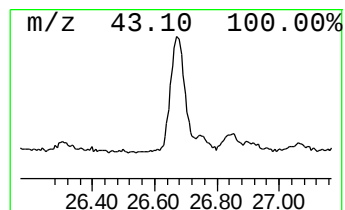
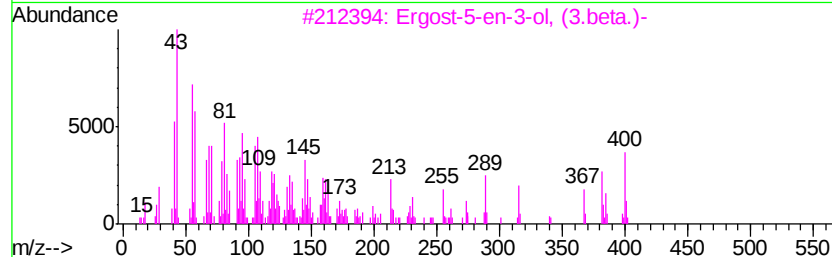
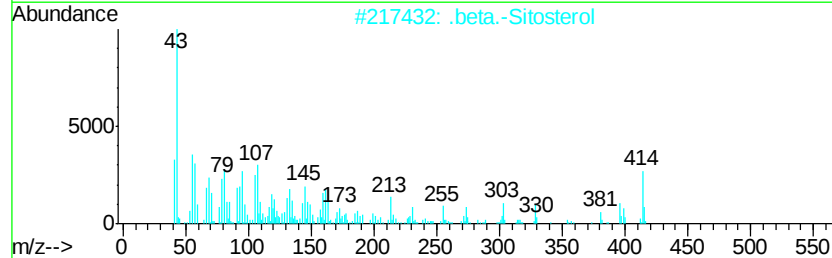
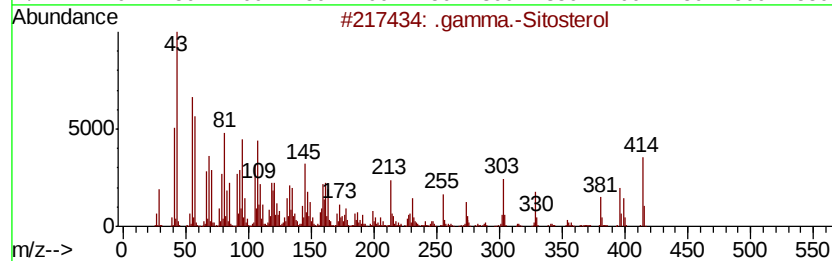
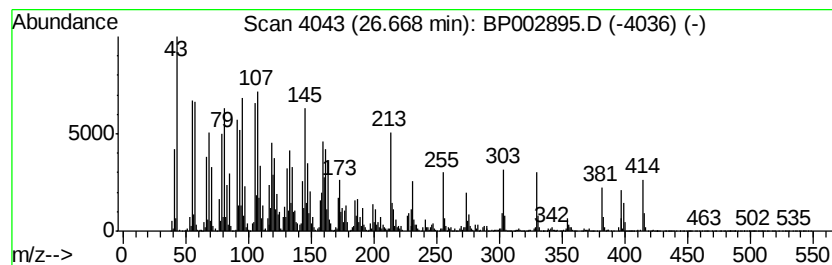
Instrument :
BNA_P
ClientSampleId :
FK-PS-01-067

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.67	12.77 ng	3932120	Perylene-d12	23.46		
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	94
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	50
4		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	30
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP073120\
Data File : BP002895.D
Acq On : 31 Jul 2020 16:34
Operator : CG/JU
Sample : L3453-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-PS-01-067

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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...	2.99	31.1	ng	4997570	1	7.72	3209210	20.0
n-Hexadecanoic acid	18.03	8.3	ng	2790310	4	17.10	6761320	20.0
Octadecanoic acid	19.26	4.3	ng	1309170	5	21.19	6155030	20.0
1-Heneicosanol	20.94	10.4	ng	3210870	5	21.19	6155030	20.0
9-Tricosene, (Z)-	21.83	4.0	ng	1216820	5	21.19	6155030	20.0
Octacosane	22.83	3.9	ng	1192190	6	23.46	6156990	20.0
2-methyloctacosane	24.10	2.7	ng	837496	6	23.46	6156990	20.0
1-Heptacosanol	24.17	4.6	ng	1403450	6	23.46	6156990	20.0
.gamma.-Sitosterol	26.67	12.8	ng	3932120	6	23.46	6156990	20.0