

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102517\
 Data File : BF099840.D
 Acq On : 26 Oct 2017 4:45
 Operator : SJ/JU
 Sample : I6024-25
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	4.993	492	494	511	rBV	90925	126312	5.70%	0.936%
2	5.410	563	565	583	rBV	428662	557678	25.18%	4.131%
3	6.434	737	739	753	rBV	277854	347745	15.70%	2.576%
4	6.563	758	761	777	rVB	1230180	1084155	48.95%	8.031%
5	6.793	797	800	810	rBV	431999	368849	16.65%	2.732%
6	6.946	823	826	845	rBB	1644530	1535495	69.32%	11.375%
7	7.363	893	897	919	rBV	1237645	1125921	50.83%	8.341%
8	8.075	1015	1018	1033	rBV	617278	512871	23.16%	3.799%
9	9.157	1197	1202	1205	rBV	2567186	2214936	100.00%	16.408%
10	9.551	1266	1269	1277	rVB	215240	172650	7.79%	1.279%
11	9.834	1314	1317	1326	rVB	600677	550391	24.85%	4.077%
12	10.634	1449	1453	1464	rBV	798723	768140	34.68%	5.690%
13	11.328	1568	1571	1579	rBV	612198	535193	24.16%	3.965%
14	12.722	1804	1808	1813	rBV2	34462	29895	1.35%	0.221%
15	12.916	1837	1841	1845	rBV	2065005	2024469	91.40%	14.997%
16	13.980	2019	2022	2030	rBV	534216	505241	22.81%	3.743%
17	15.057	2201	2205	2211	rBV	26961	32197	1.45%	0.239%
18	15.451	2263	2272	2283	rVB	334940	494111	22.31%	3.660%
19	15.851	2334	2340	2346	rBV	58863	87575	3.95%	0.649%
20	16.345	2418	2424	2430	rBV	64301	103434	4.67%	0.766%
21	16.921	2515	2522	2530	rBV	46980	97191	4.39%	0.720%
22	17.604	2628	2638	2646	rBV2	42676	107679	4.86%	0.798%
23	18.409	2767	2775	2785	rBV4	21235	64507	2.91%	0.478%
24	19.374	2929	2939	2947	rBV6	17444	52325	2.36%	0.388%

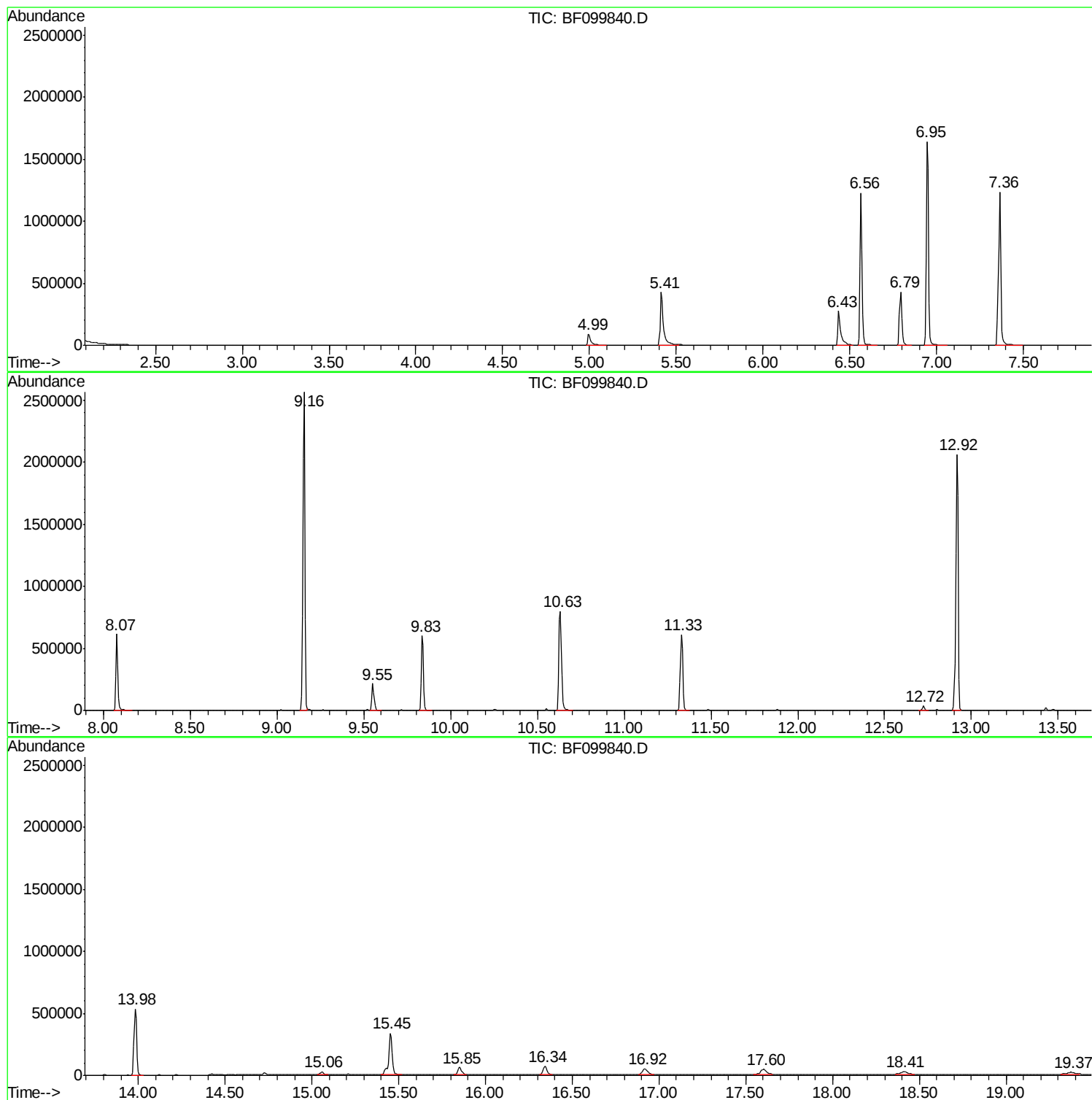
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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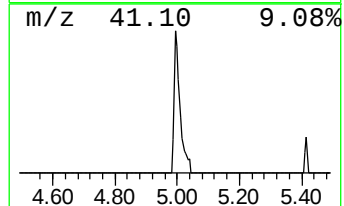
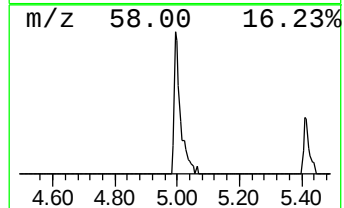
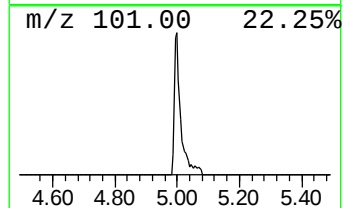
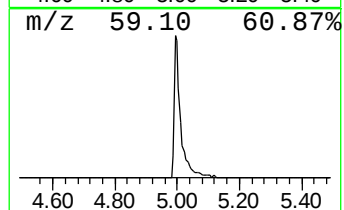
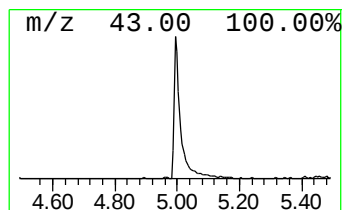
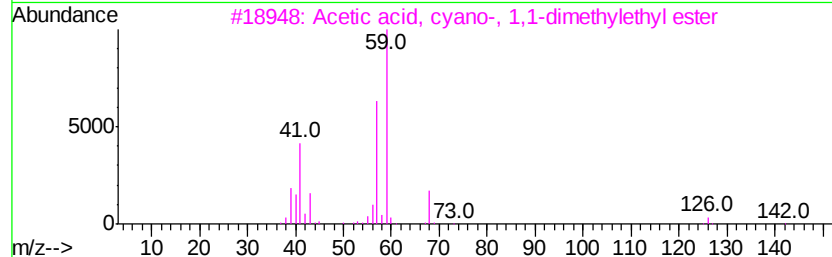
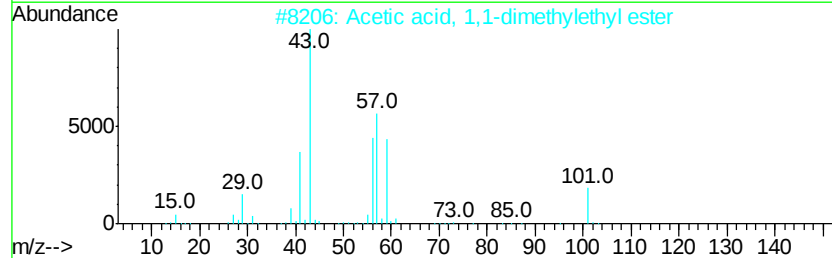
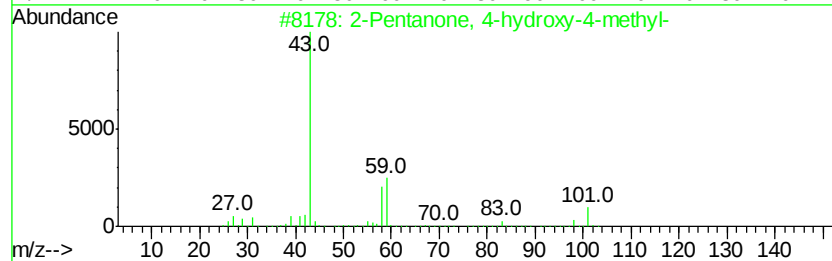
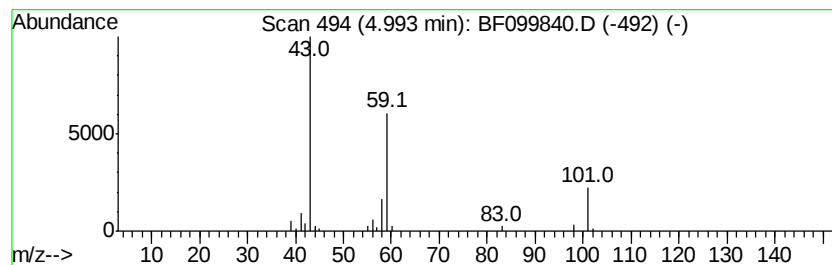
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	6.85 ng	126312	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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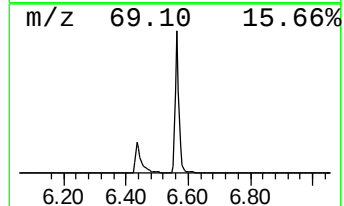
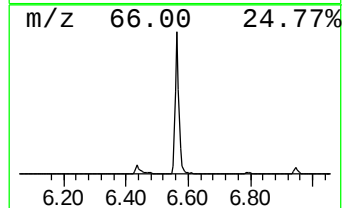
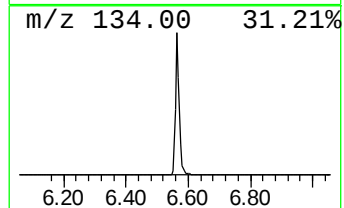
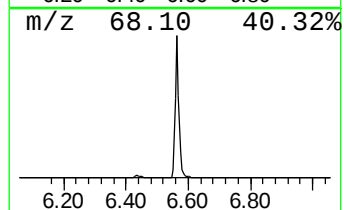
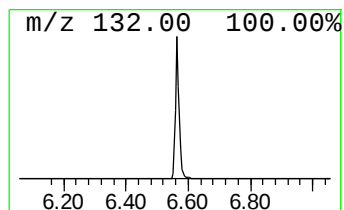
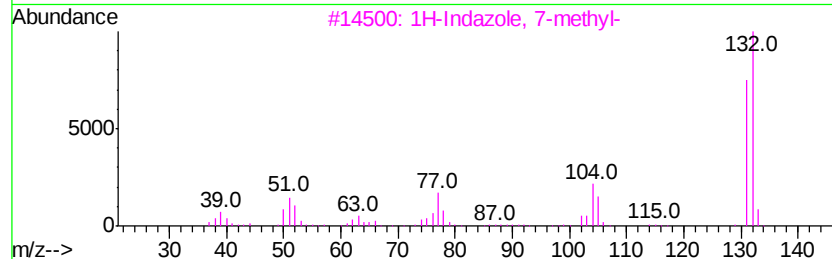
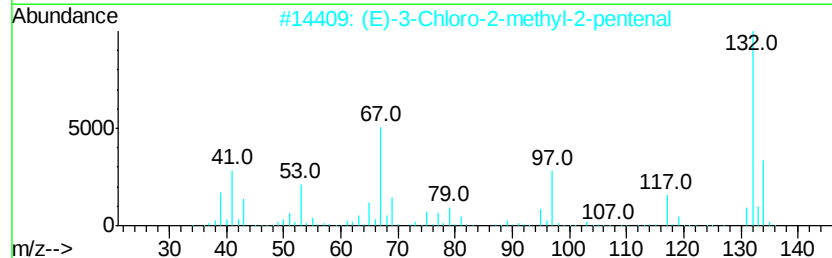
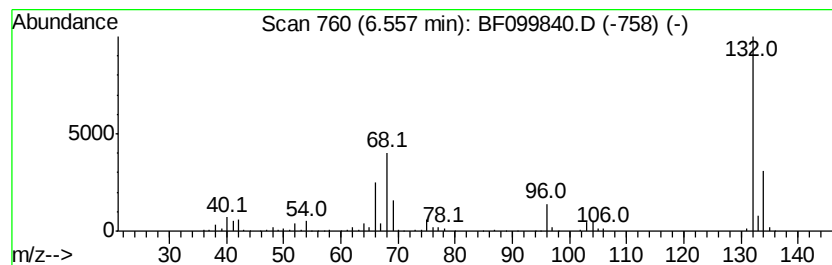
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	58.79 ng	1084160	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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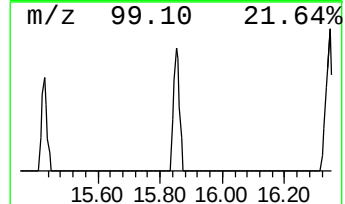
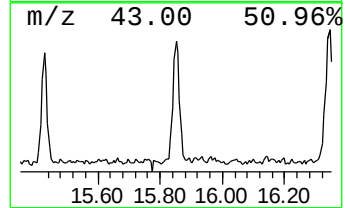
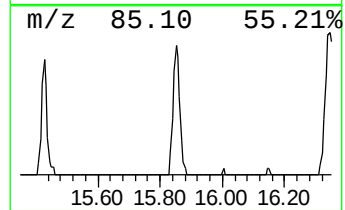
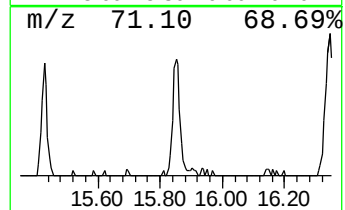
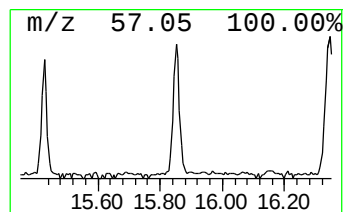
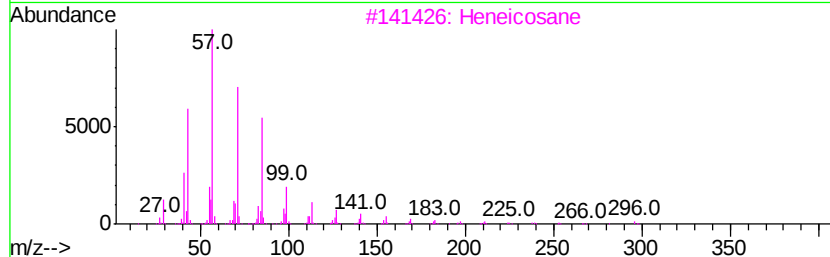
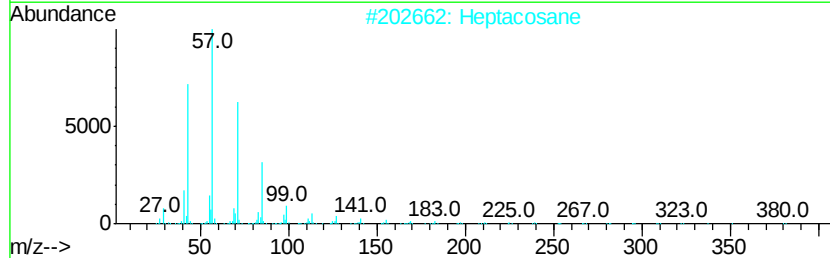
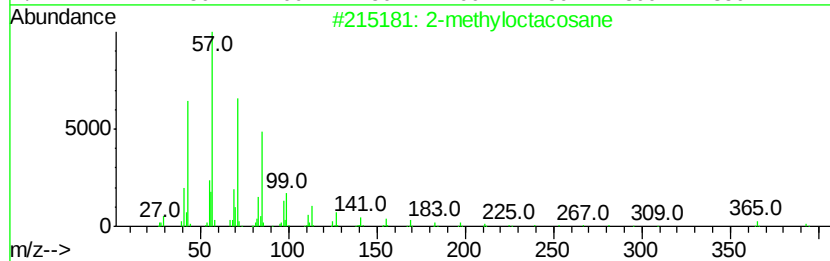
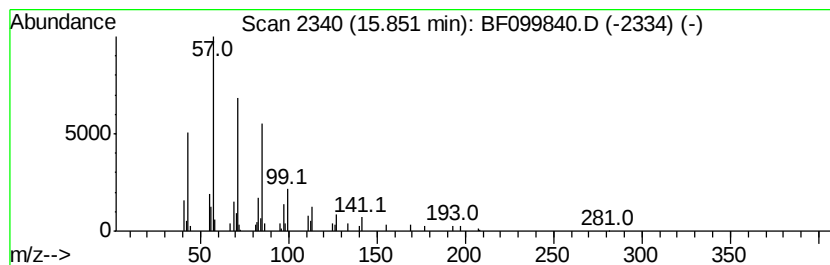
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Peak Number 4 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.85	3.54 ng	87575	Perylene-d12		15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heptacosane	380	C27H56	000593-49-7	90
3			Heneicosane	296	C21H44	000629-94-7	87
4			Triacontane	422	C30H62	000638-68-6	86
5			Pentacosane	352	C25H52	000629-99-2	86



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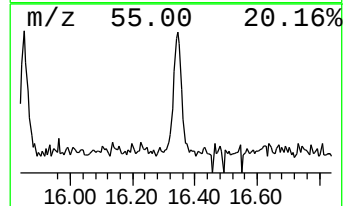
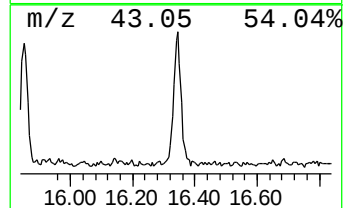
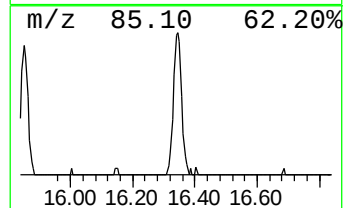
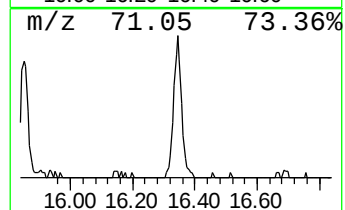
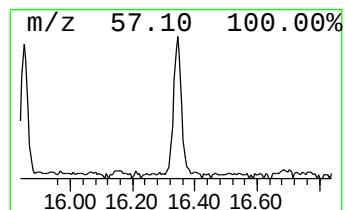
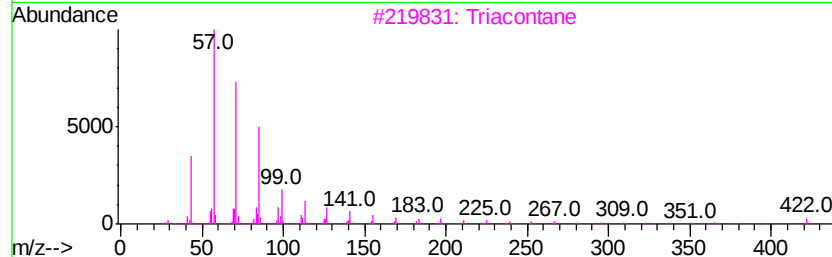
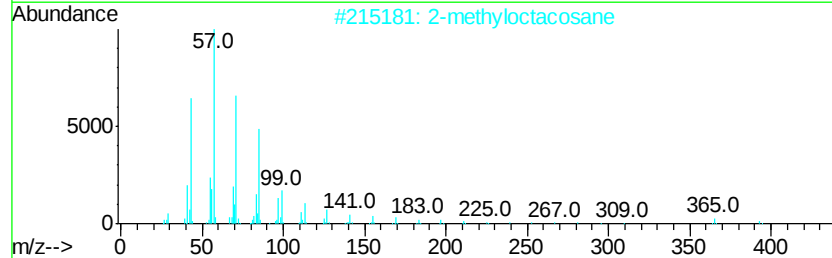
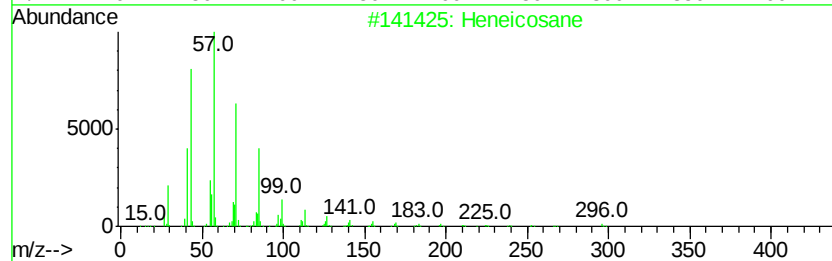
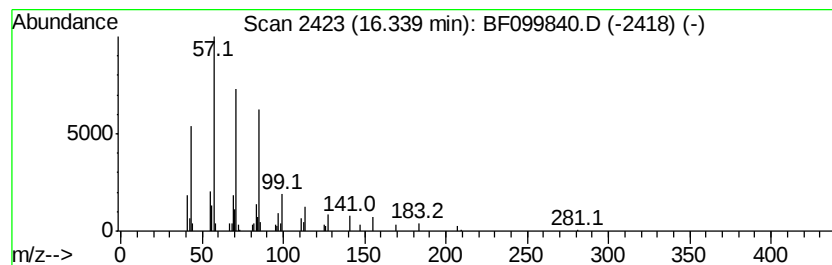
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.19 ng	103434	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	87



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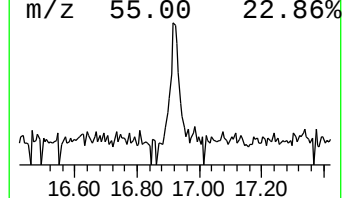
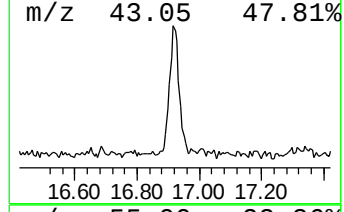
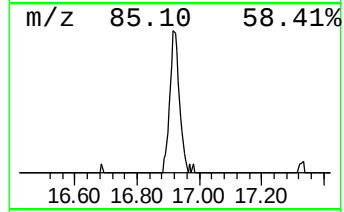
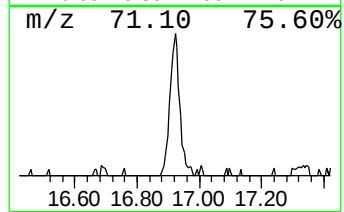
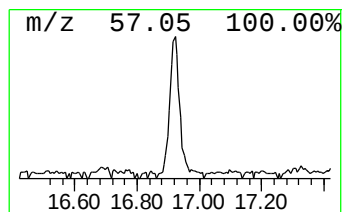
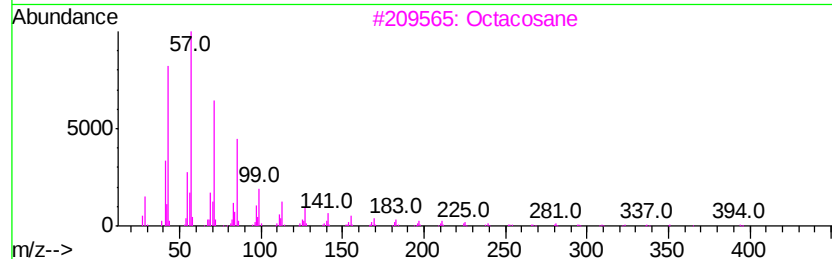
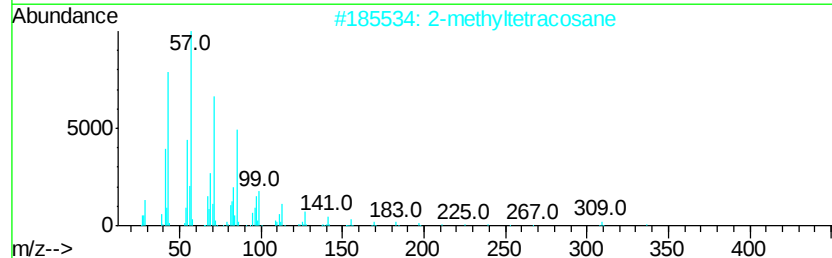
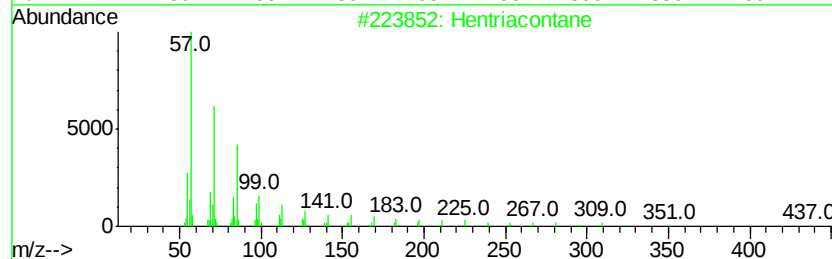
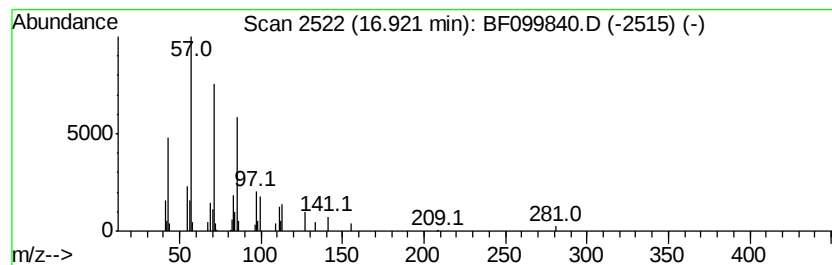
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.93 ng	97191	Perylene-d12	15.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	2-methyltetracosane		352	C25H52	1000376-72-6	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Hexacosane		366	C26H54	000630-01-3	87
5	Heptacosane		380	C27H56	000593-49-7	87



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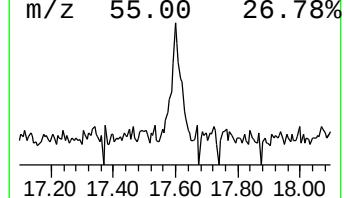
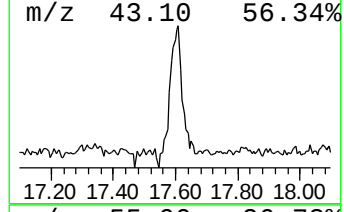
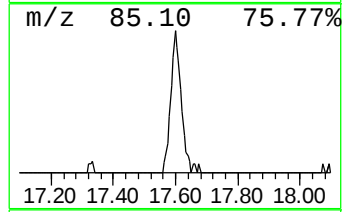
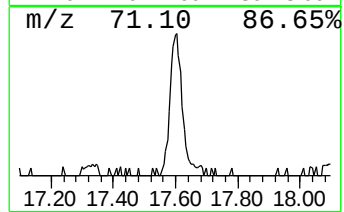
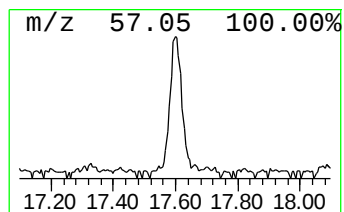
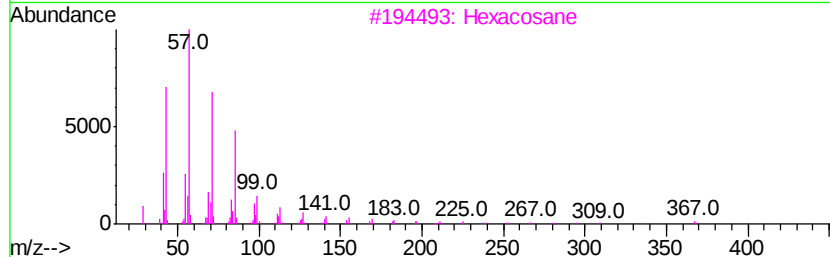
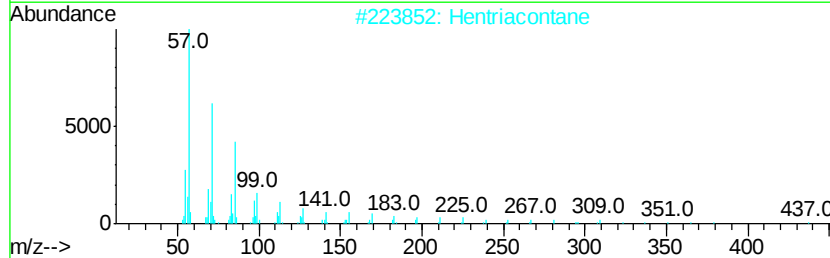
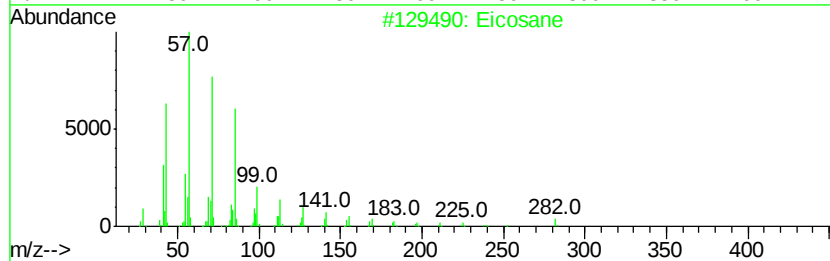
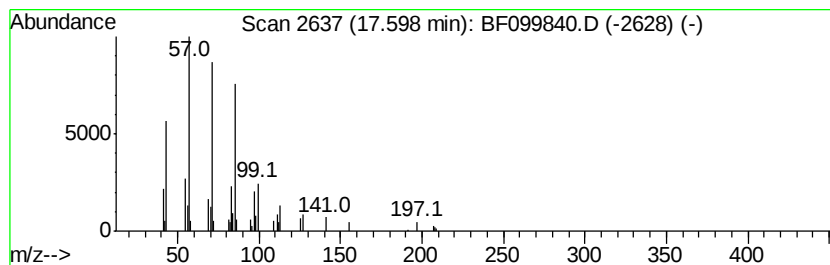
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	4.36 ng	107679	Perylene-d12	15.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Hentriacontane		437	C31H64	000630-04-6	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Hexatriacontane		507	C36H74	000630-06-8	91
5	Octadecane, 3-ethyl-5-(2-ethylbu...		366	C26H54	055282-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102517\
Data File : BF099840.D
Acq On : 26 Oct 2017 4:45
Operator : SJ/JU
Sample : I6024-25
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-02

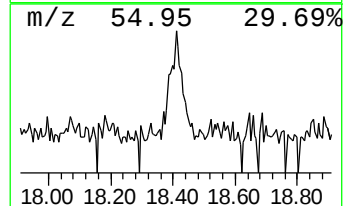
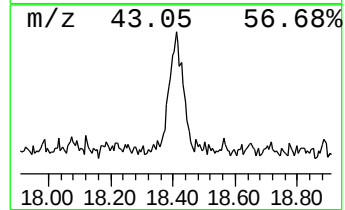
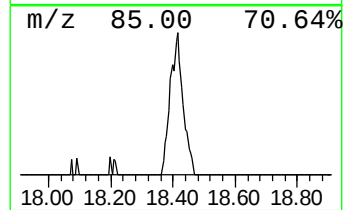
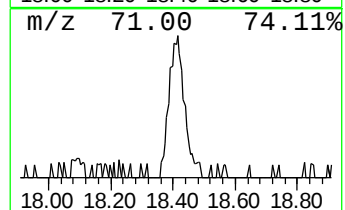
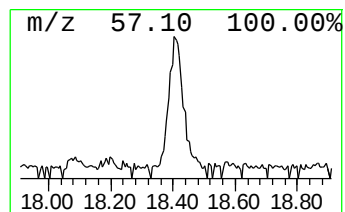
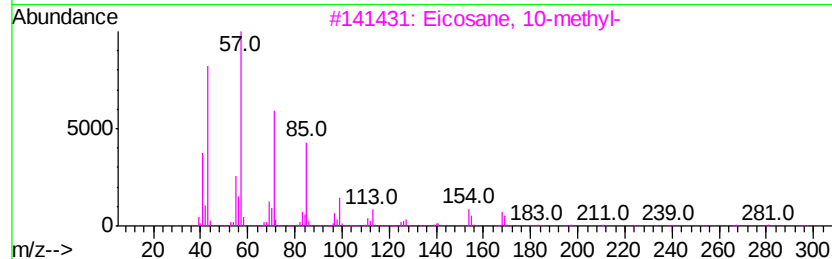
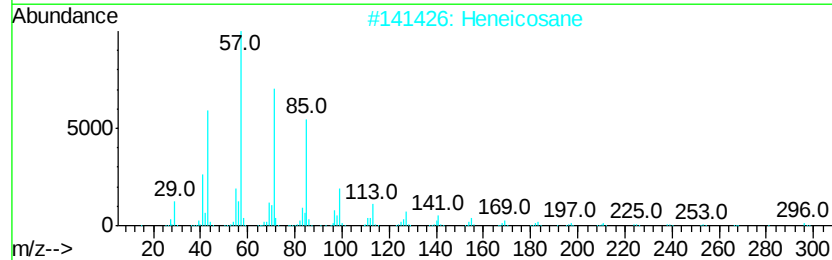
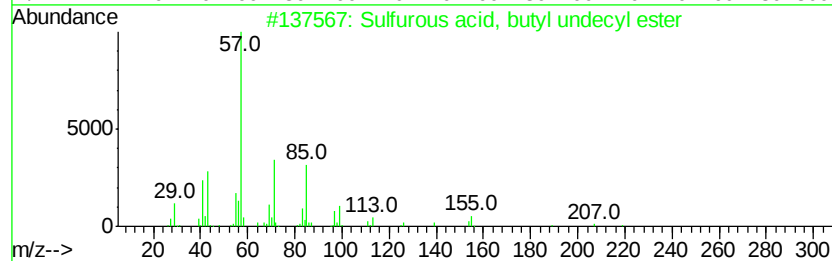
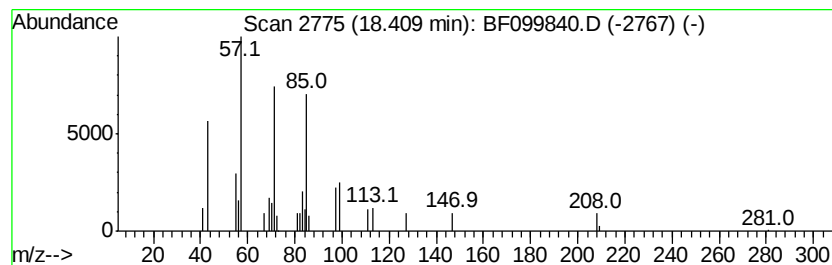
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl undec... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.61 ng	64507	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
2		Heneicosane	296	C21H44	000629-94-7	72
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
5		10-Methylnonadecane	282	C20H42	056862-62-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102517\
Data File : BF099840.D
Acq On : 26 Oct 2017 4:45
Operator : SJ/JU
Sample : I6024-25
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-02

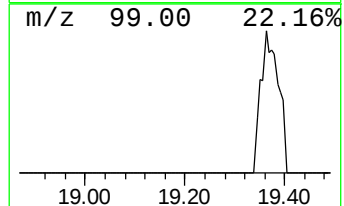
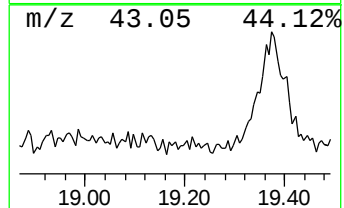
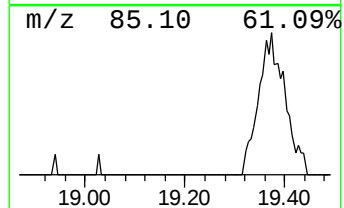
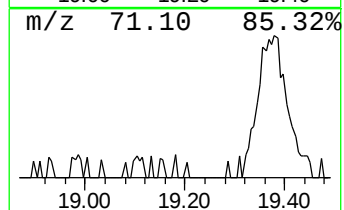
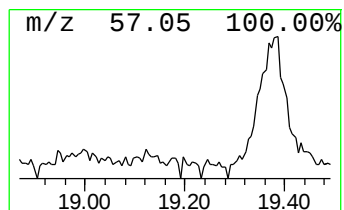
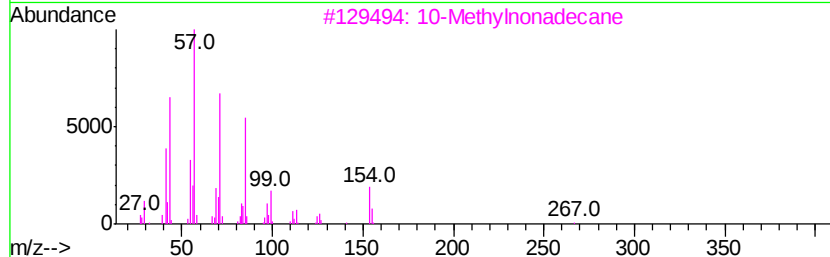
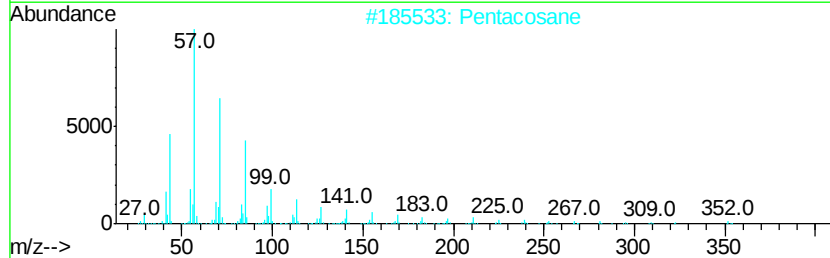
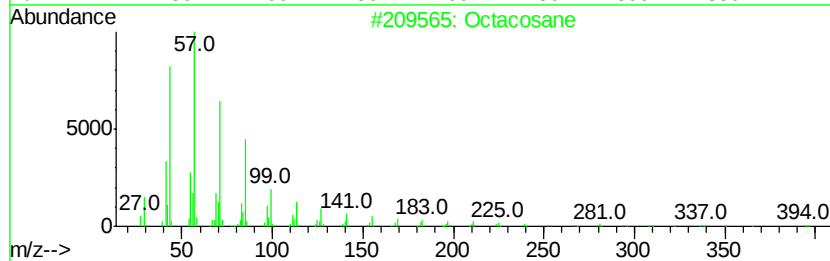
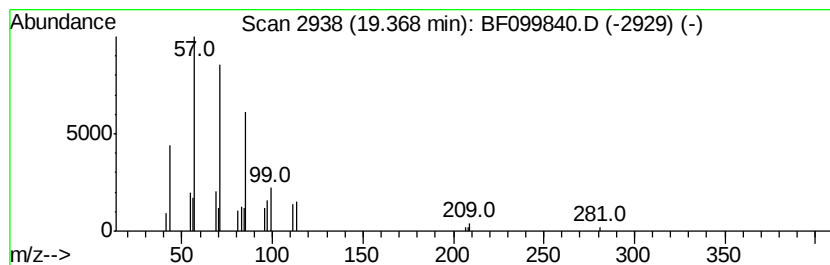
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.12 ng	52325	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	86
2		Pentacosane	352	C25H52	000629-99-2	86
3		10-Methylnonadecane	282	C20H42	056862-62-5	80
4		Hexatriacontane	507	C36H74	000630-06-8	72
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102517\
Data File : BF099840.D
Acq On : 26 Oct 2017 4:45
Operator : SJ/JU
Sample : I6024-25
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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
2-Pentanone, 4-hy...	4.99	6.8	ng	126312	1	6.79	368849	20.0
unknown6.56	6.56	58.8	ng	1084160	1	6.79	368849	20.0
2-methyloctacosane	15.85	3.5	ng	87575	6	15.45	494111	20.0
Heneicosane	16.34	4.2	ng	103434	6	15.45	494111	20.0
Hentriacontane	16.92	3.9	ng	97191	6	15.45	494111	20.0
Eicosane	17.60	4.4	ng	107679	6	15.45	494111	20.0
Sulfurous acid, b...	18.41	2.6	ng	64507	6	15.45	494111	20.0
Octacosane	19.37	2.1	ng	52325	6	15.45	494111	20.0