

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113327.D
 Acq On : 27 Mar 2019 13:28
 Operator : JU/SJ
 Sample : K2105-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-WATER

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-BF032519.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	5.322	545	550	570	rBV	4033668	4514382	92.56%	10.379%
2	6.357	720	726	742	rBV	3767782	4877123	100.00%	11.213%
3	6.475	742	746	750	rBV	4414552	4604435	94.41%	10.586%
4	6.698	781	784	792	rBV	1053418	1006365	20.63%	2.314%
5	6.857	807	811	815	rBV	3696736	3563566	73.07%	8.193%
6	7.269	875	881	893	rBV	2760943	3100819	63.58%	7.129%
7	7.981	998	1002	1022	rBV	1308353	1289245	26.43%	2.964%
8	9.063	1180	1186	1189	rBV	4488164	4813766	98.70%	11.067%
9	9.451	1248	1252	1263	rVB	391157	378020	7.75%	0.869%
10	9.733	1295	1300	1316	rVB	1551170	1458998	29.92%	3.354%
11	10.522	1429	1434	1449	rBV	2722603	2830777	58.04%	6.508%
12	11.210	1547	1551	1566	rVB	1681661	1560484	32.00%	3.588%
13	11.745	1638	1642	1656	rBV2	147139	251302	5.15%	0.578%
14	12.527	1771	1775	1788	rBV	305385	514092	10.54%	1.182%
15	12.792	1815	1820	1823	rBV	4660259	4660547	95.56%	10.715%
16	13.698	1970	1974	1976	rBV	53676	49788	1.02%	0.114%
17	13.751	1976	1983	1994	rVV5	119134	472485	9.69%	1.086%
18	13.833	1994	1997	2011	rVB	1144605	1265487	25.95%	2.909%
19	14.010	2024	2027	2032	rBV	91321	81318	1.67%	0.187%
20	14.310	2076	2078	2082	rVB	112830	106743	2.19%	0.245%
21	14.604	2125	2128	2135	rVB	154732	157187	3.22%	0.361%
22	14.915	2177	2181	2186	rBV	171810	212752	4.36%	0.489%
23	15.239	2231	2236	2239	rBV	807163	1062919	21.79%	2.444%
24	15.268	2239	2241	2247	rVB	211097	234084	4.80%	0.538%
25	15.662	2303	2308	2314	rBV	158098	233182	4.78%	0.536%
26	16.121	2381	2386	2396	rBV2	96507	196902	4.04%	0.453%

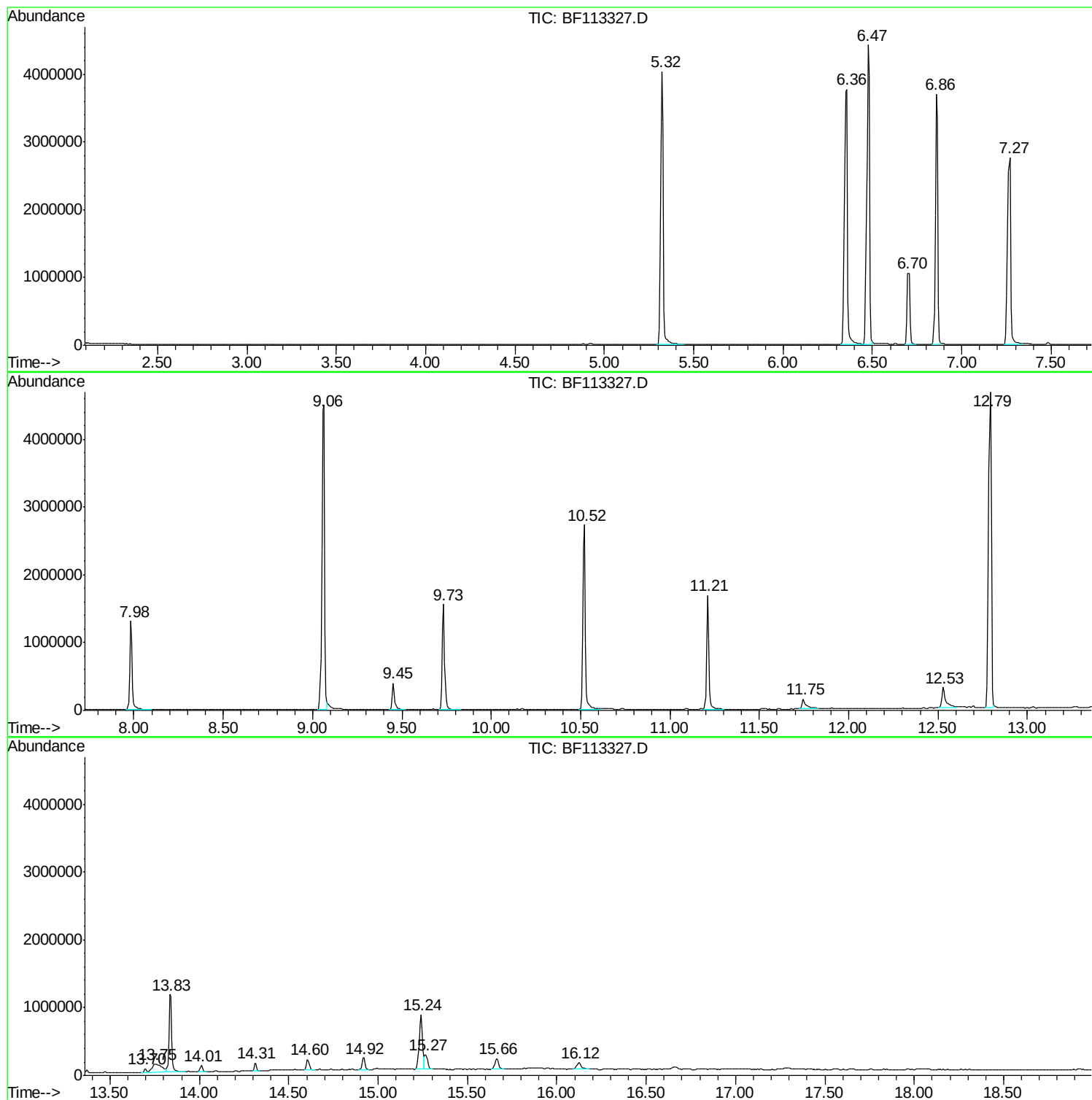
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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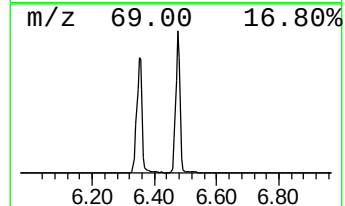
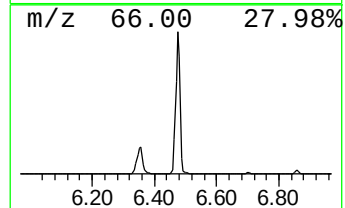
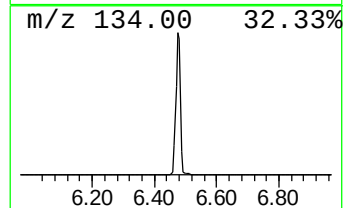
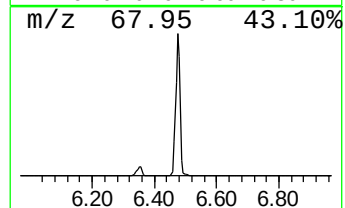
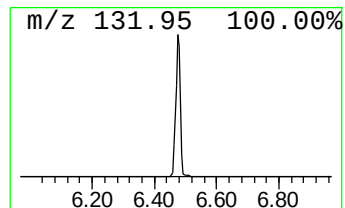
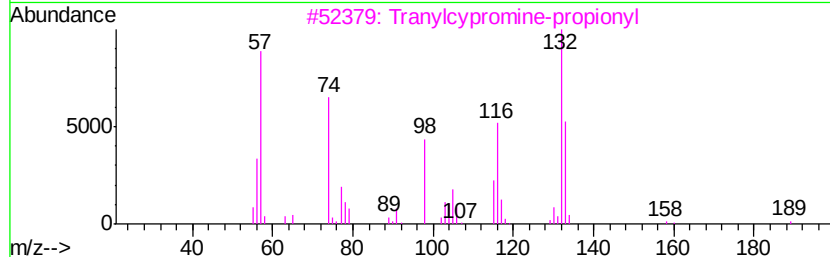
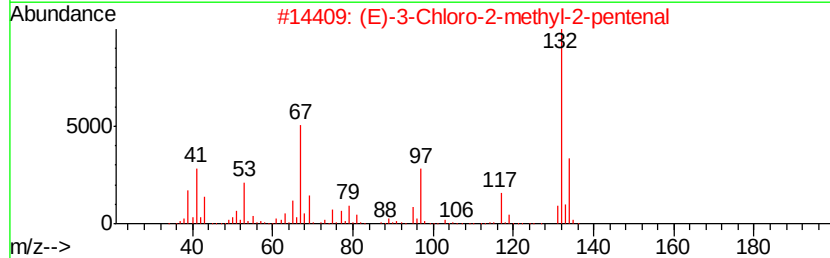
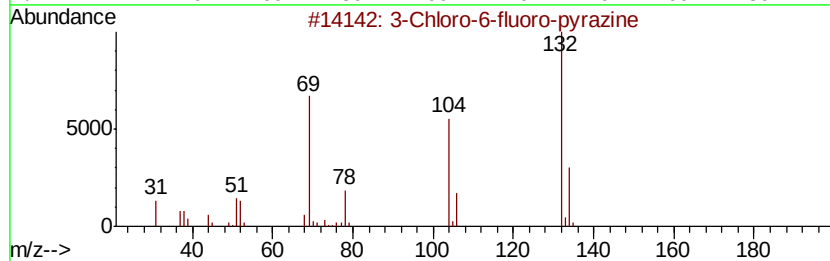
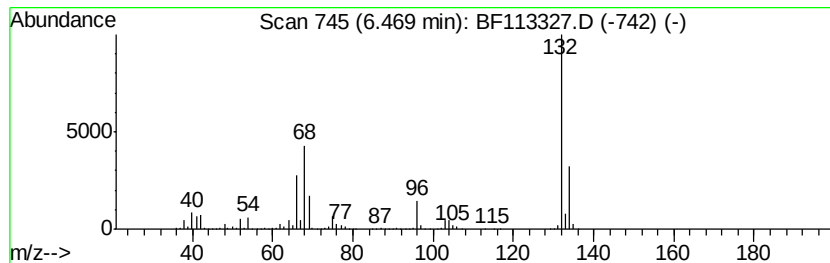
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	91.51 ng	4604440	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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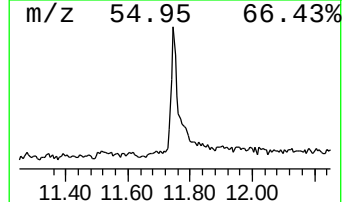
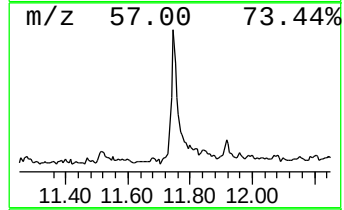
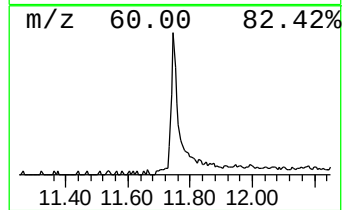
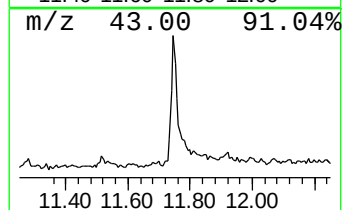
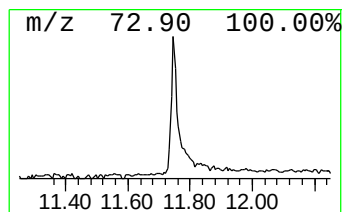
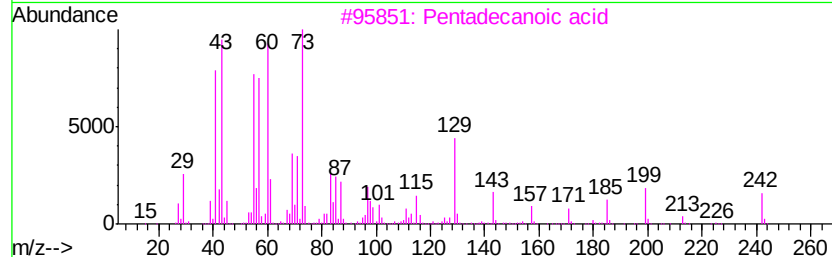
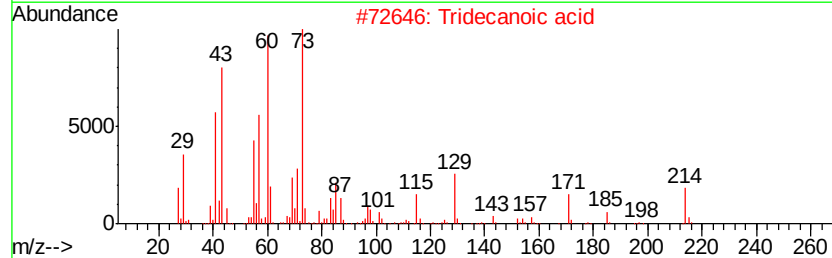
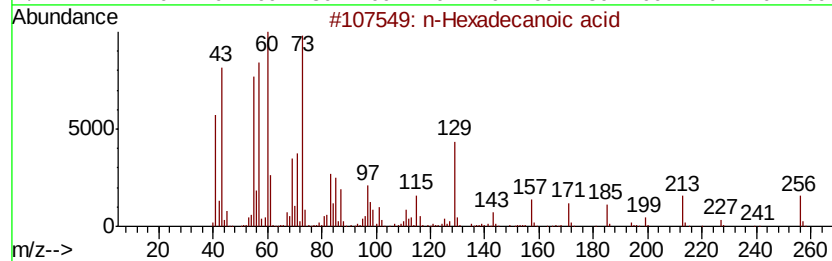
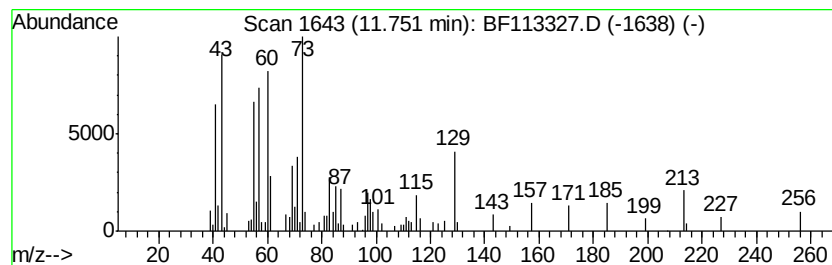
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 Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.75	3.22 ng	251302	Phenanthrene-d10		11.21	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



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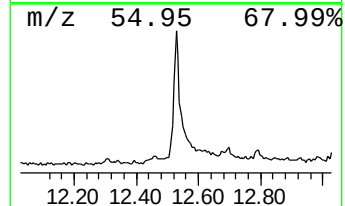
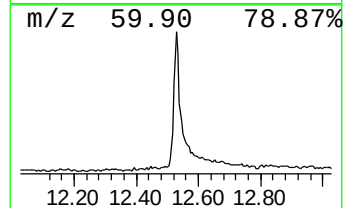
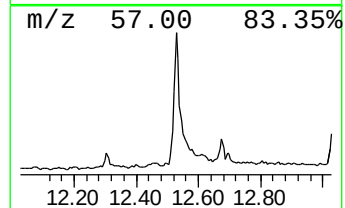
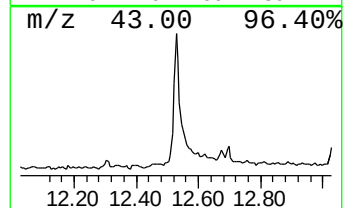
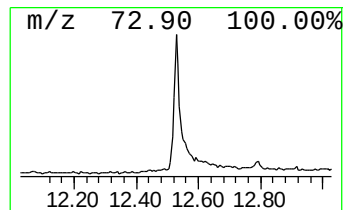
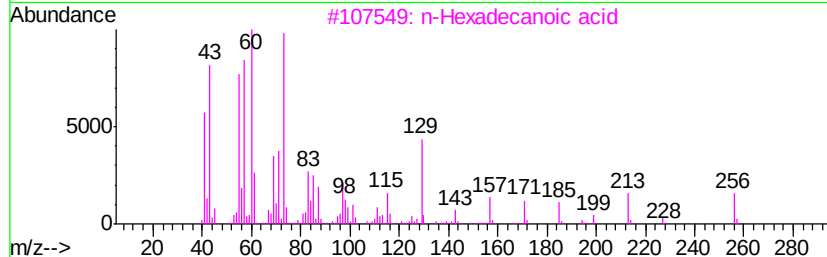
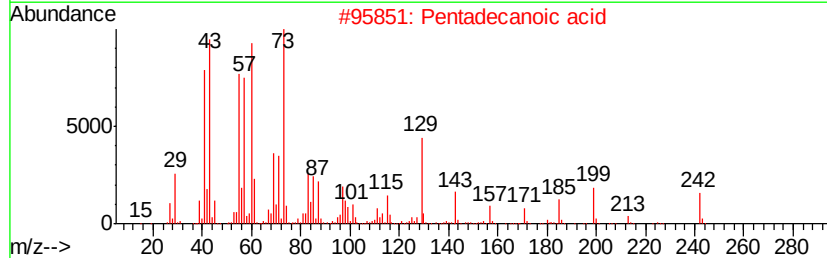
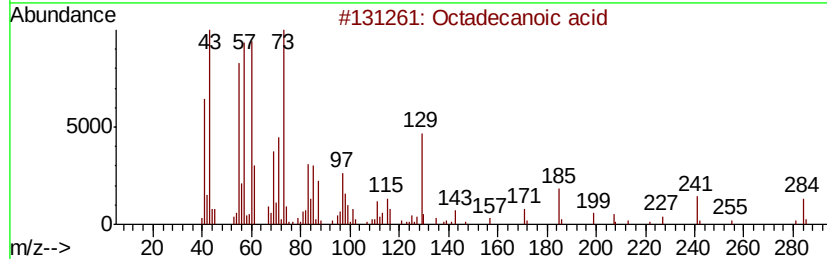
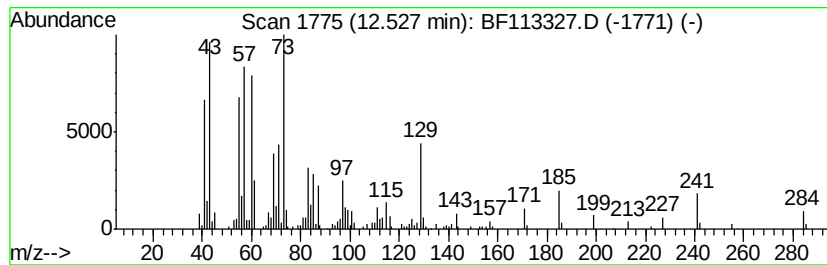
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	8.12 ng	514092	Chrysene-d12	13.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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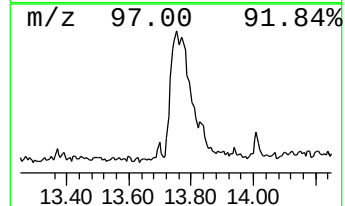
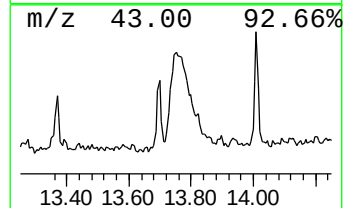
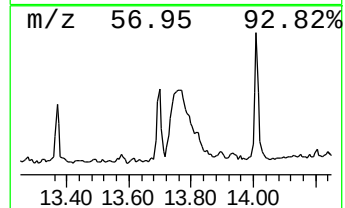
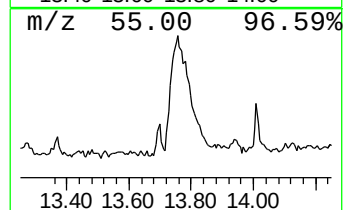
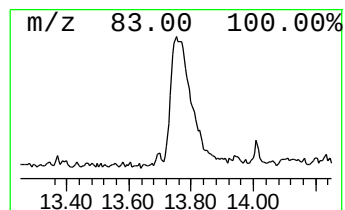
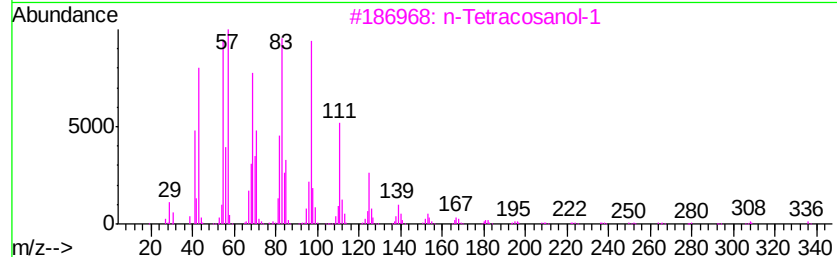
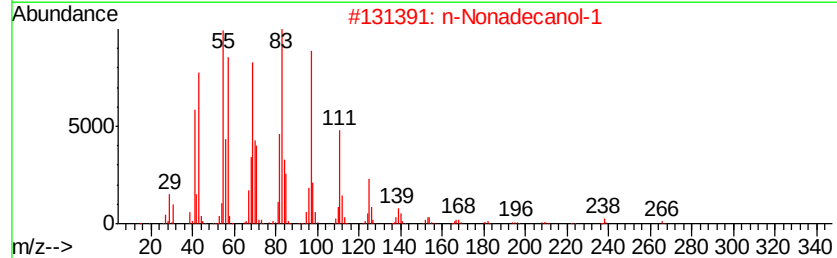
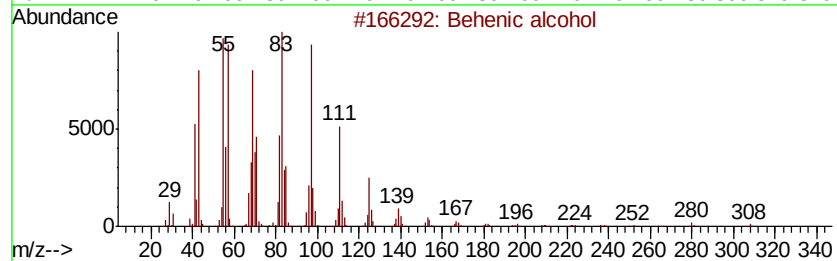
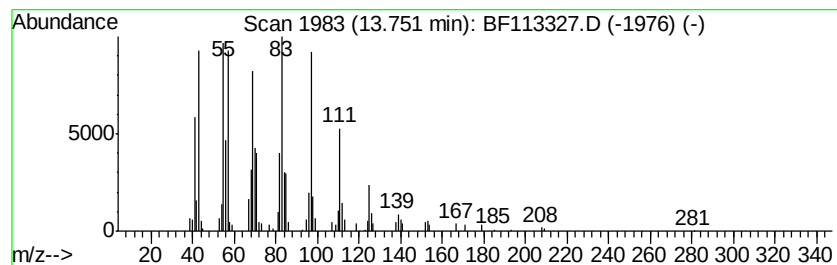
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.75	7.47 ng	472485	Chrysene-d12		13.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	1-Nonadecene	266	C19H38	018435-45-5	95



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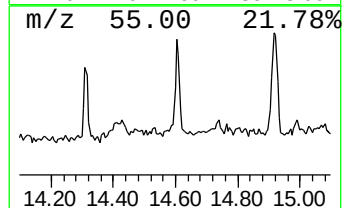
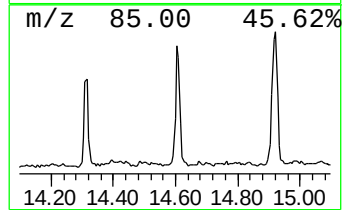
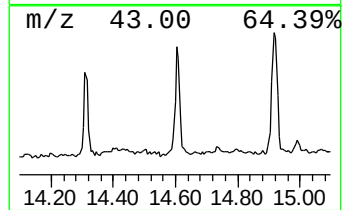
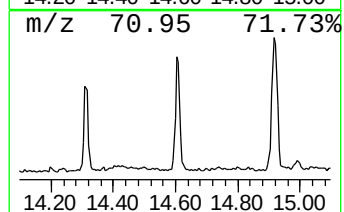
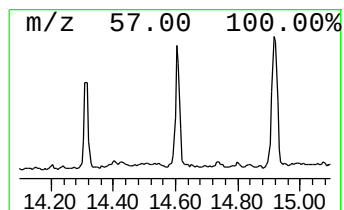
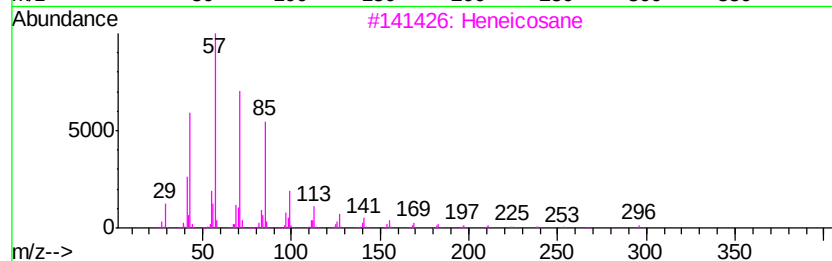
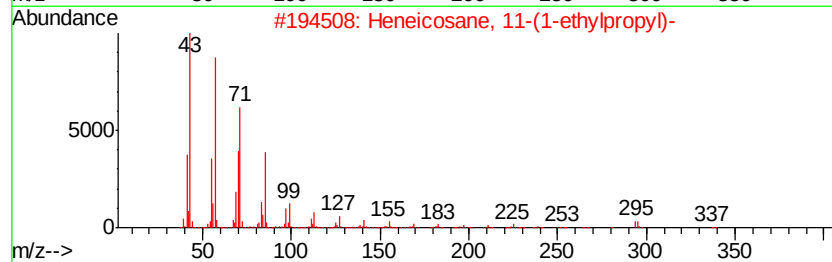
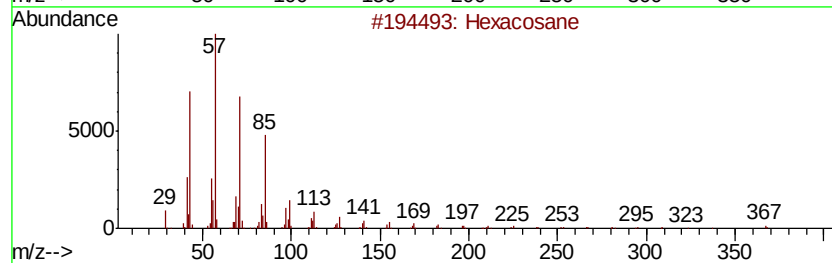
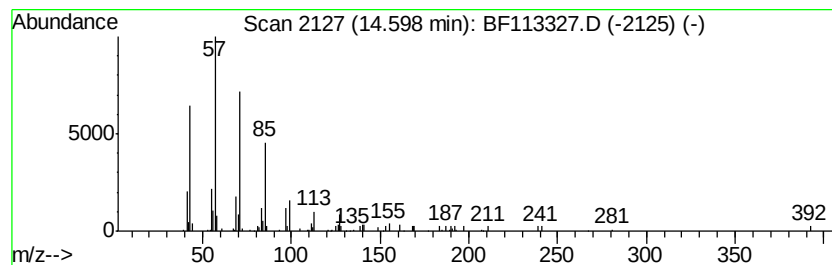
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 6 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.96 ng	157187	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Docosane		310	C22H46	000629-97-0	90
5	Tetracosane		338	C24H50	000646-31-1	90



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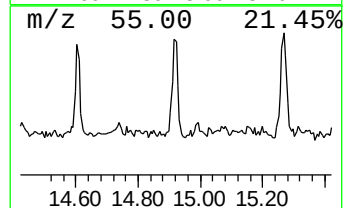
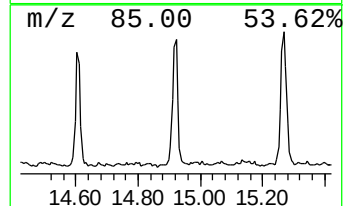
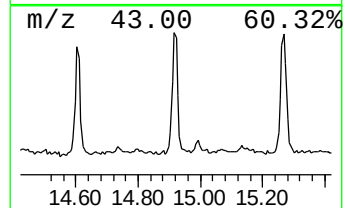
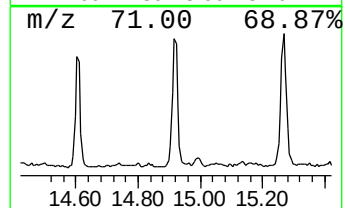
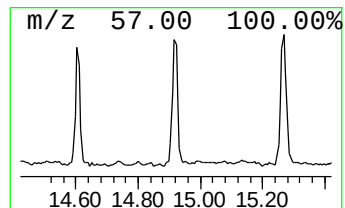
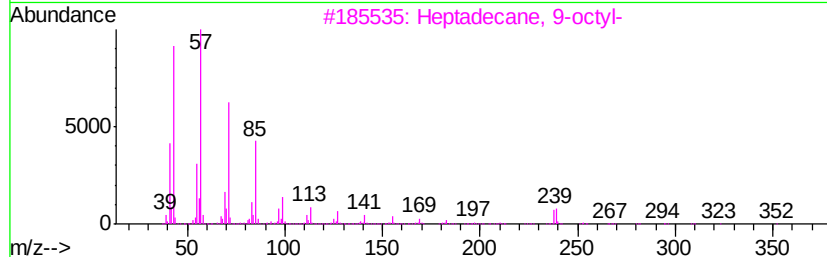
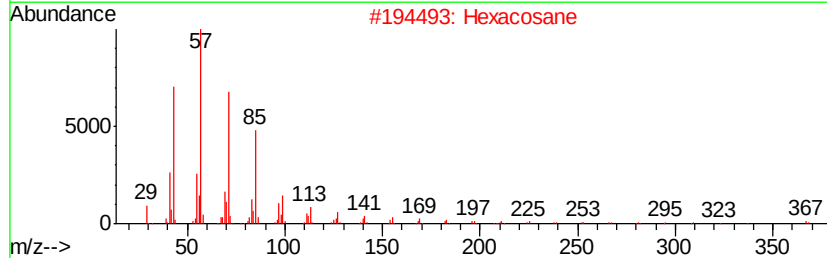
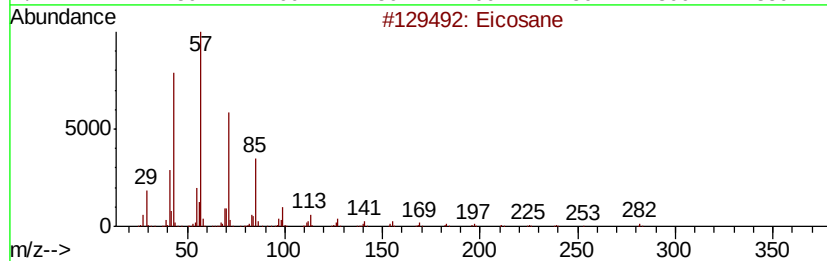
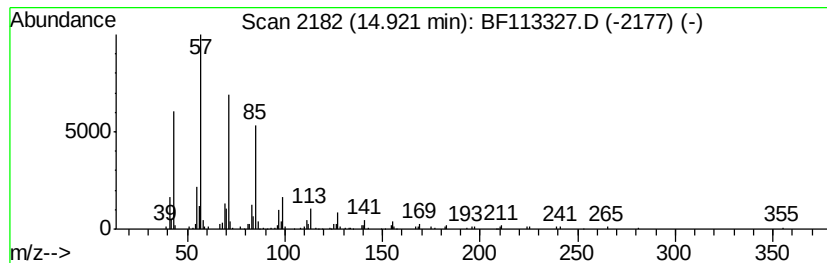
Instrument :
BNA_F
ClientSampleId :
NJ-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.92	4.00 ng	212752	Perylene-d12	15.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
5	Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113327.D
Acq On : 27 Mar 2019 13:28
Operator : JU/SJ
Sample : K2105-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

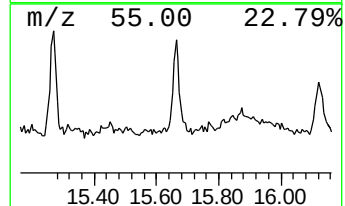
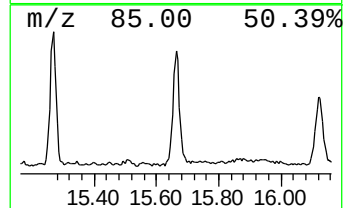
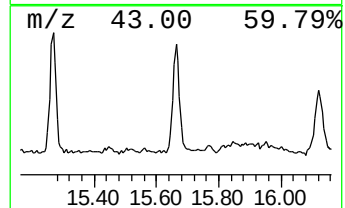
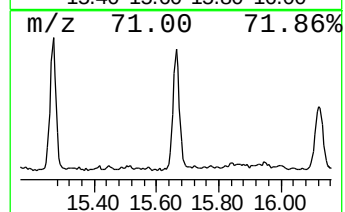
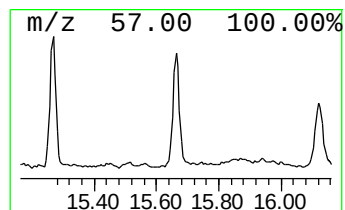
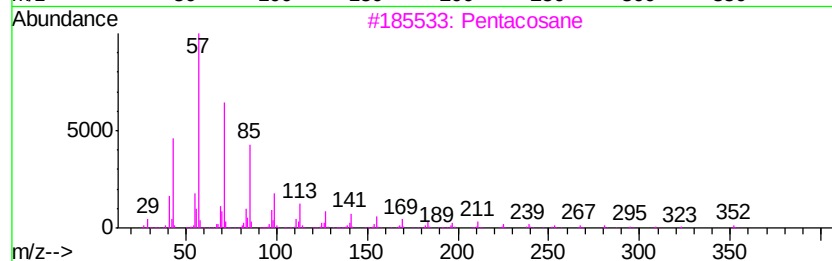
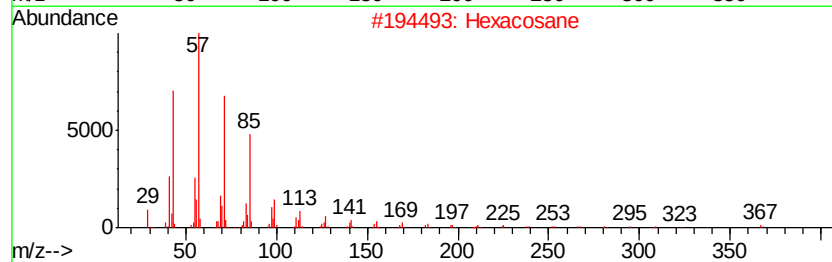
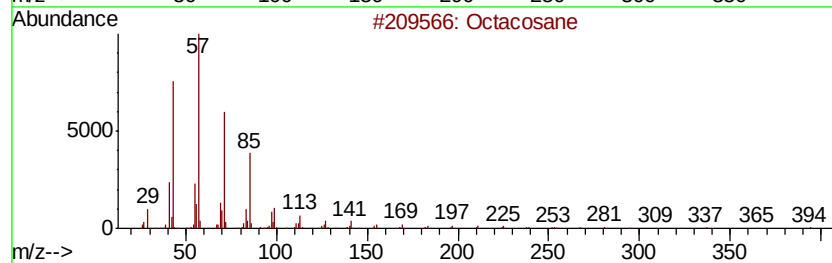
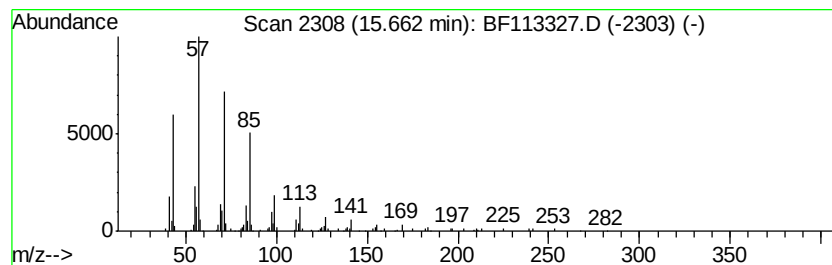
Instrument :
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ClientSampleId :
NJ-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.39 ng	233182	Perylene-d12	15.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	91
2	Hexacosane	366 C26H54	000630-01-3	91
3	Pentacosane	352 C25H52	000629-99-2	91
4	triacontane	422 C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113327.D
Acq On : 27 Mar 2019 13:28
Operator : JU/SJ
Sample : K2105-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NJ-WATER

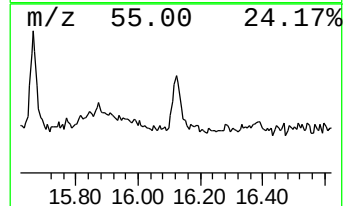
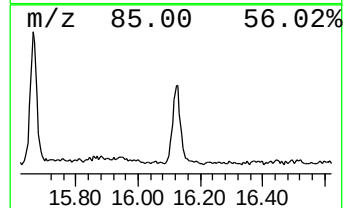
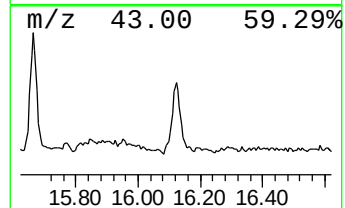
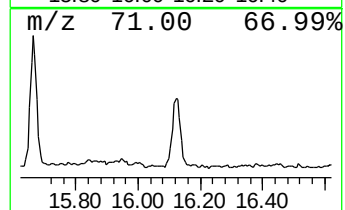
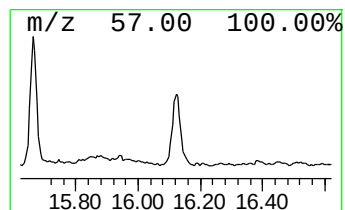
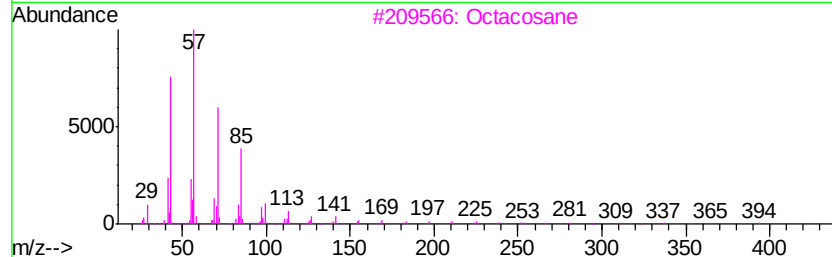
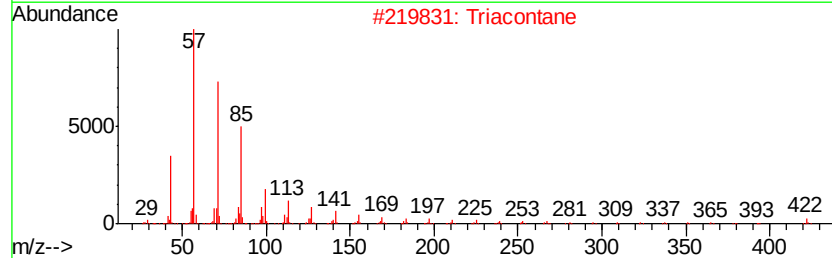
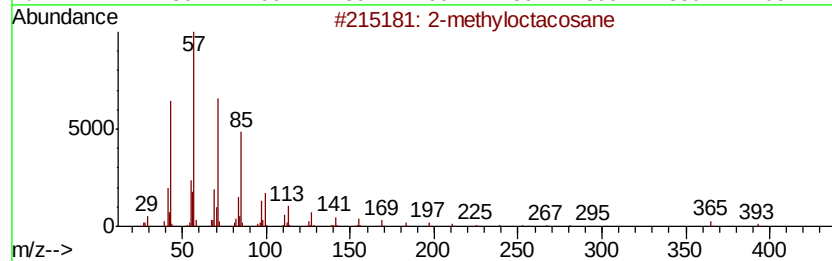
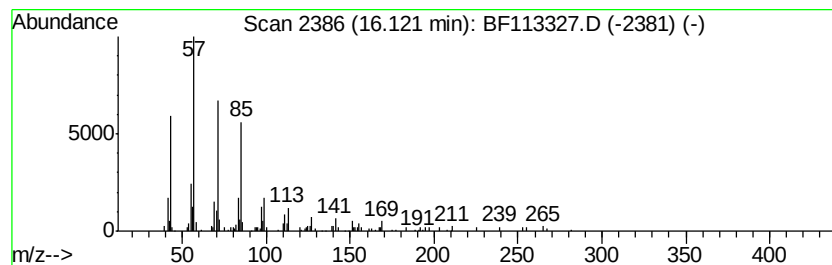
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.70 ng	196902	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
Data File : BF113327.D
Acq On : 27 Mar 2019 13:28
Operator : JU/SJ
Sample : K2105-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NJ-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.47	6.47	91.5	ng	4604440	1	6.70	1006370	20.0
n-Hexadecanoic acid	11.75	3.2	ng	251302	4	11.21	1560480	20.0
Octadecanoic acid	12.53	8.1	ng	514092	5	13.83	1265490	20.0
Behenic alcohol	13.75	7.5	ng	472485	5	13.83	1265490	20.0
Hexacosane	14.60	3.0	ng	157187	6	15.24	1062920	20.0
Eicosane	14.92	4.0	ng	212752	6	15.24	1062920	20.0
Octacosane	15.66	4.4	ng	233182	6	15.24	1062920	20.0
2-methyloctacosane	16.12	3.7	ng	196902	6	15.24	1062920	20.0