

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113377.D
 Acq On : 28 Mar 2019 16:41
 Operator : JU/SJ
 Sample : K2107-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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_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	553	rBV	3957578	3883065	66.17%	7.521%
2	6.357	720	726	742	rBV	3534372	4369445	74.46%	8.463%
3	6.475	742	746	750	rBV	4180469	4218676	71.89%	8.171%
4	6.704	781	785	796	rBV	1078238	979803	16.70%	1.898%
5	6.857	807	811	815	rBV	3343001	3166154	53.95%	6.132%
6	7.269	876	881	899	rBV	2564244	2782979	47.42%	5.390%
7	7.981	998	1002	1022	rBV	1169670	1272133	21.68%	2.464%
8	9.063	1181	1186	1189	rBV	4874937	4793480	81.69%	9.284%
9	9.451	1249	1252	1261	rVB	249165	244983	4.17%	0.474%
10	9.733	1296	1300	1309	rBV	1610362	1477974	25.19%	2.862%
11	10.522	1429	1434	1453	rBV	3238430	3421562	58.31%	6.627%
12	11.210	1547	1551	1560	rBV	1817500	1681956	28.66%	3.258%
13	11.280	1560	1563	1568	rVB	66121	64917	1.11%	0.126%
14	11.751	1637	1643	1659	rBV	483666	811485	13.83%	1.572%
15	12.527	1771	1775	1788	rBV	500501	838850	14.29%	1.625%
16	12.798	1815	1821	1824	rBV	5320535	5868207	100.00%	11.365%
17	13.369	1913	1918	1921	rBV2	60131	62833	1.07%	0.122%
18	13.698	1970	1974	1977	rBV	122338	116472	1.98%	0.226%
19	13.757	1977	1984	1994	rVV2	199302	738948	12.59%	1.431%
20	13.839	1994	1998	2006	rVB	1957917	1879444	32.03%	3.640%
21	14.010	2023	2027	2031	rBV	321565	328543	5.60%	0.636%
22	14.316	2075	2079	2084	rVB	792526	800147	13.64%	1.550%
23	14.610	2124	2129	2138	rBV	1378854	1428554	24.34%	2.767%
24	14.921	2177	2182	2191	rVB	1488030	1671691	28.49%	3.238%
25	15.245	2232	2237	2239	rBV	1253163	1699480	28.96%	3.291%
26	15.268	2239	2241	2251	rVB	1262798	1444320	24.61%	2.797%
27	15.663	2303	2308	2314	rBV	706788	1061912	18.10%	2.057%
28	16.121	2381	2386	2397	rBV	305714	524437	8.94%	1.016%

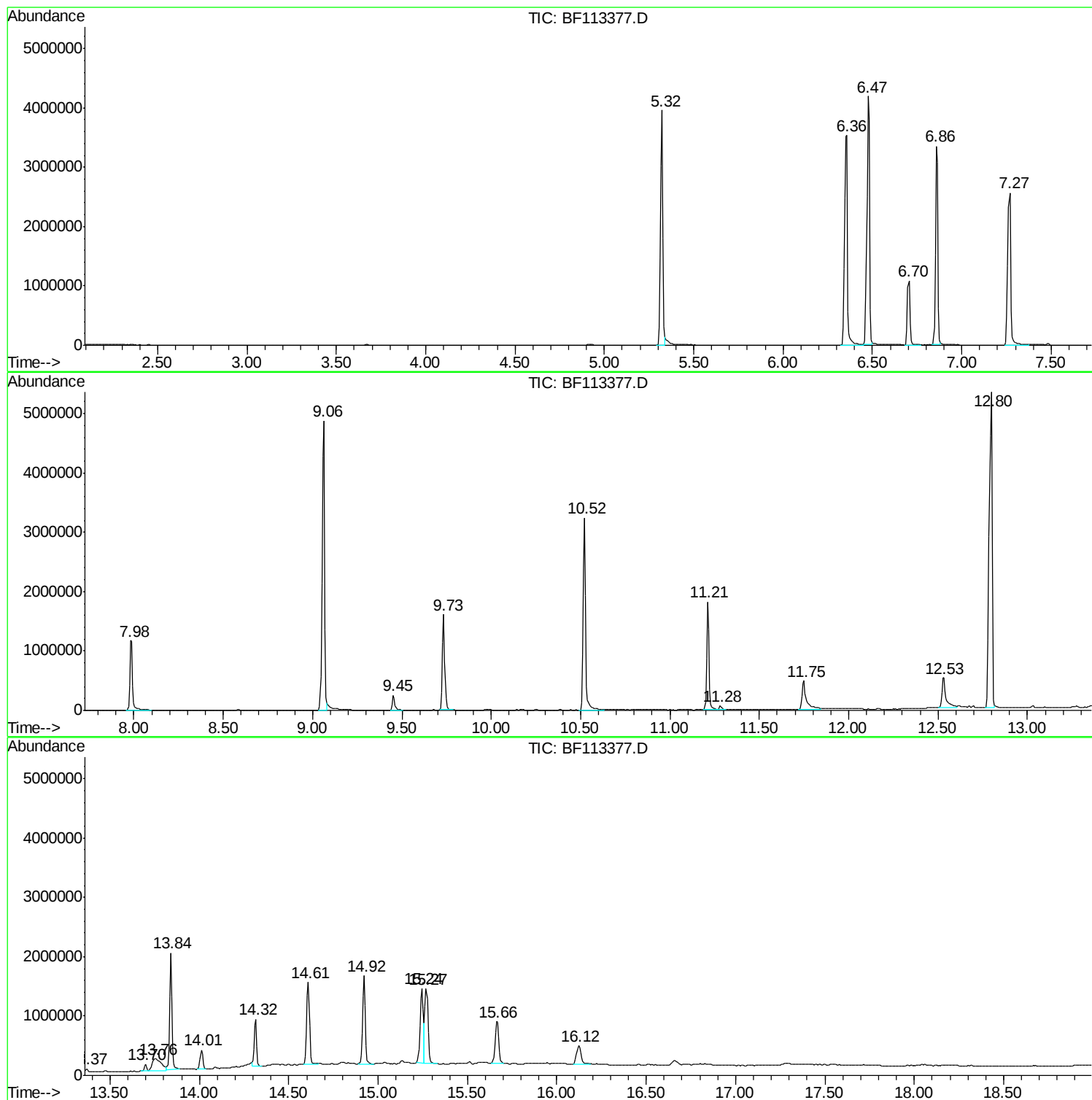
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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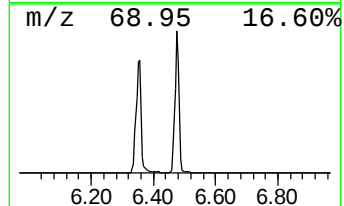
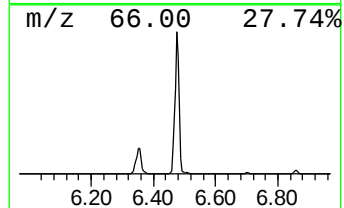
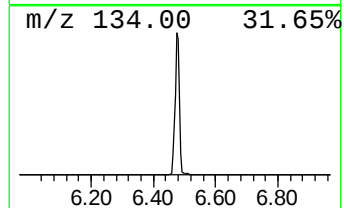
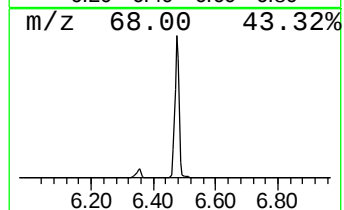
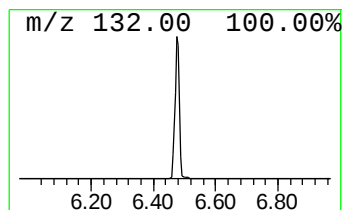
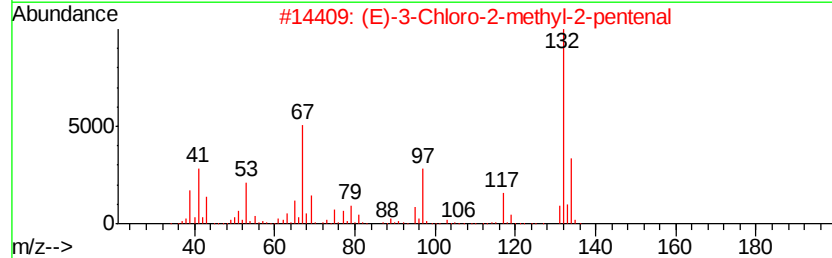
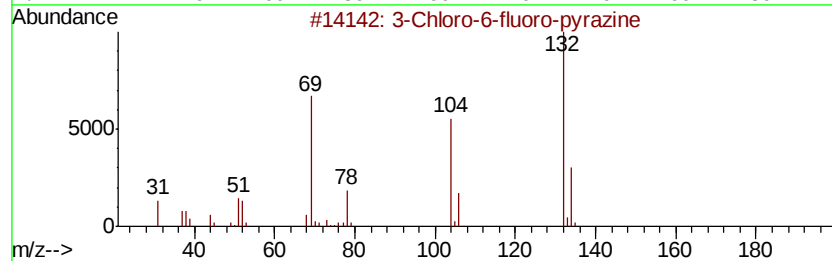
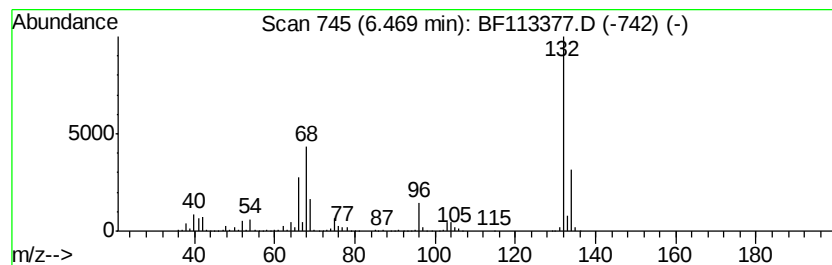
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	86.11 ng	4218680	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	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Amphetaminil	250	C17H18N2	017590-01-1	12



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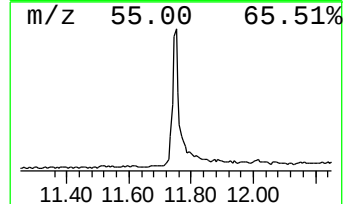
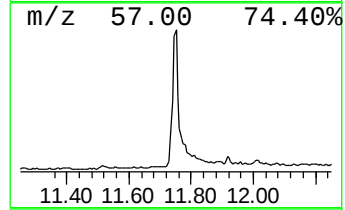
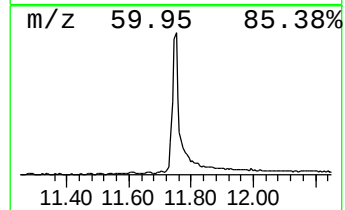
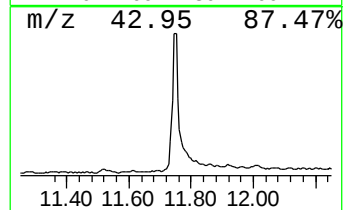
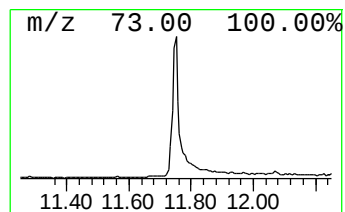
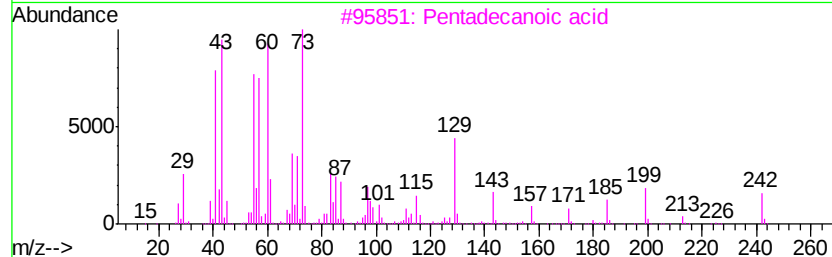
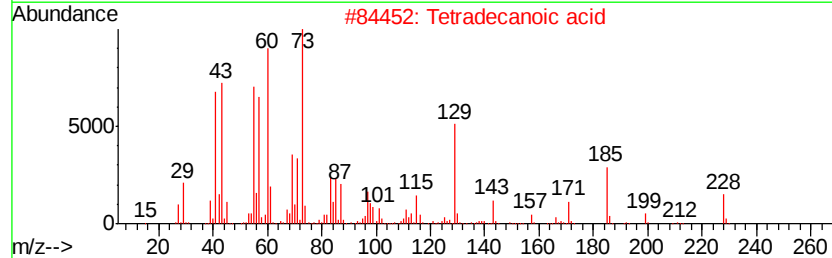
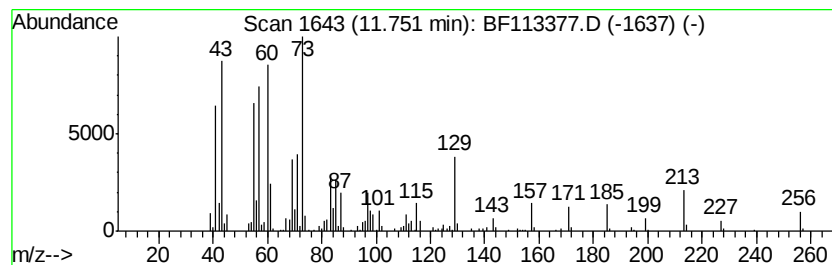
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	9.65 ng	811485	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	92
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



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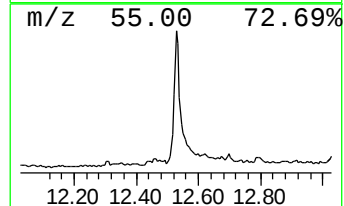
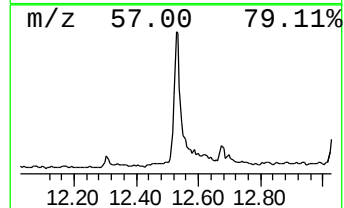
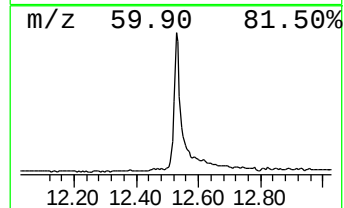
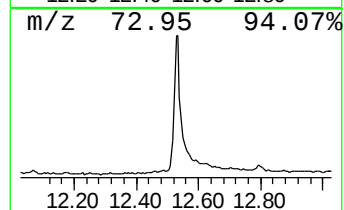
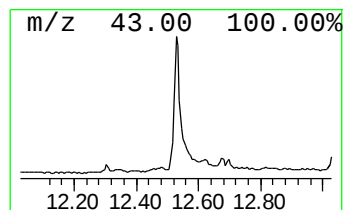
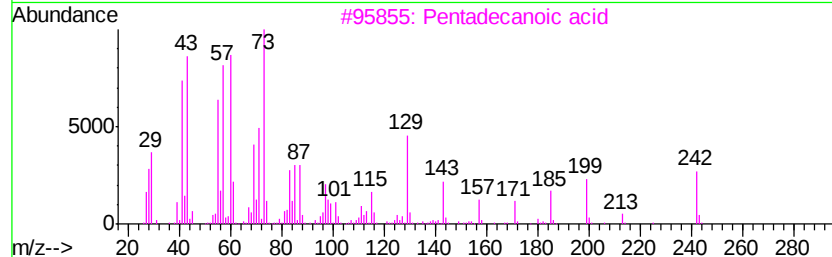
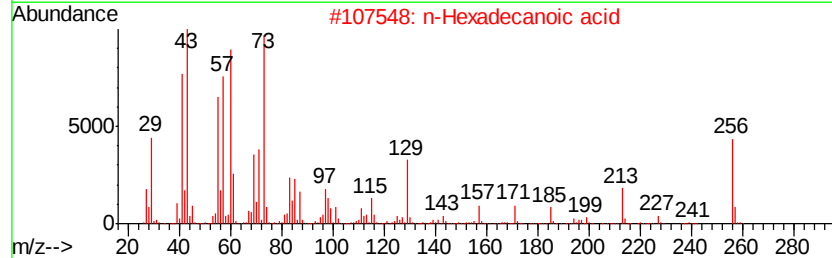
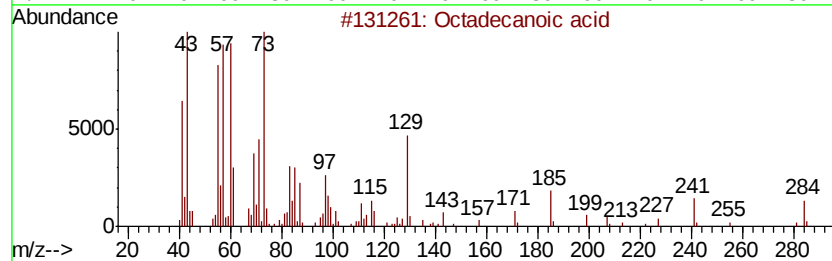
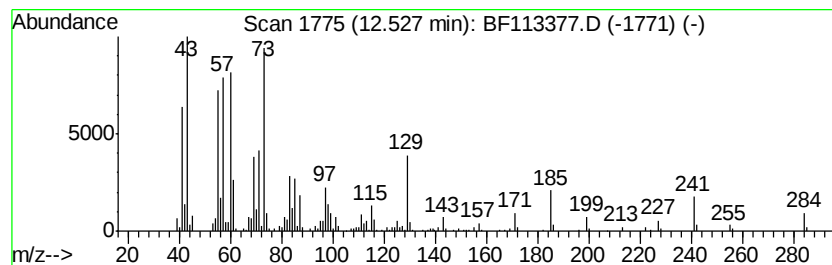
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Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	8.93 ng	838850	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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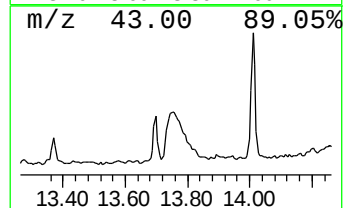
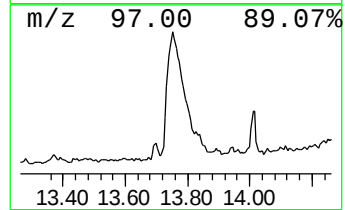
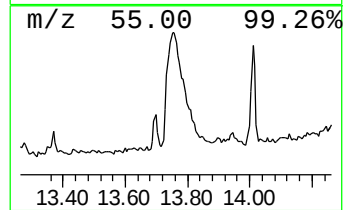
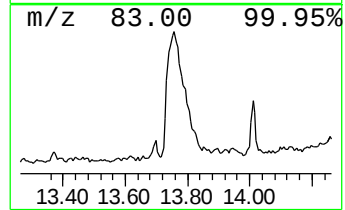
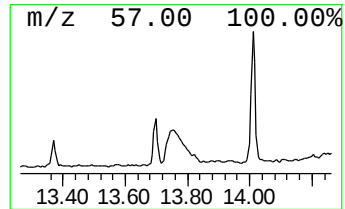
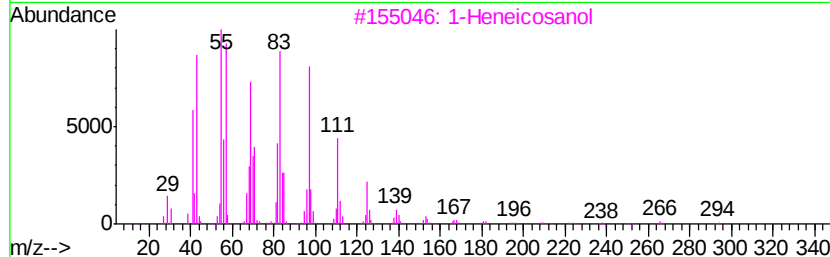
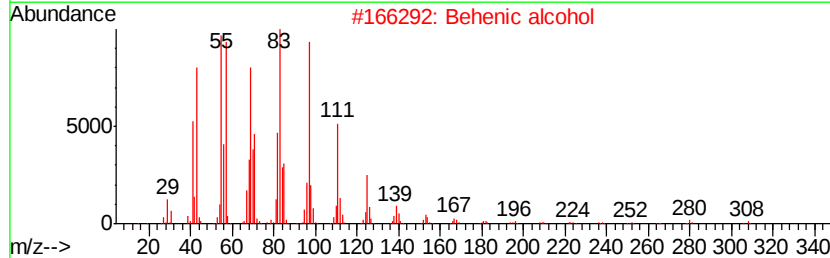
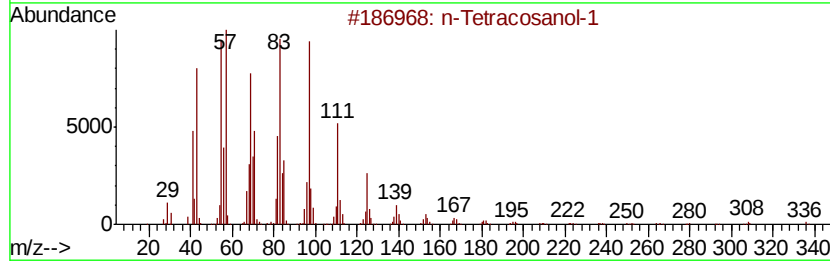
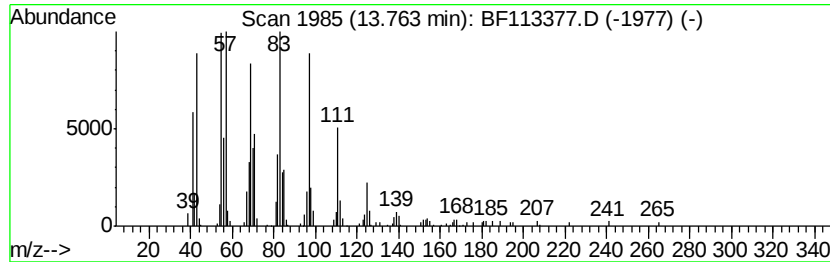
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Peak Number 5 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.86 ng	738948	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



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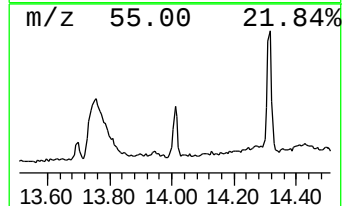
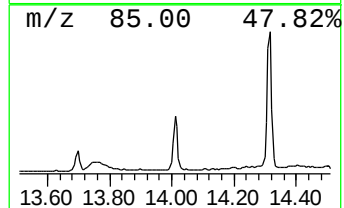
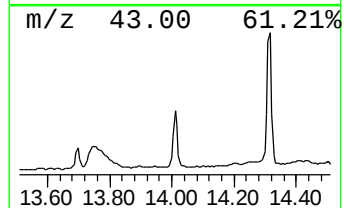
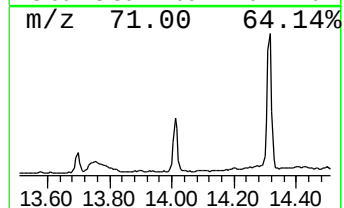
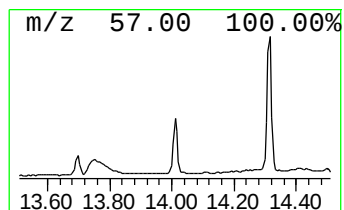
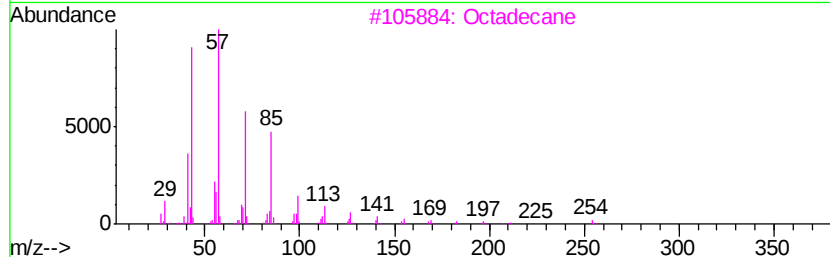
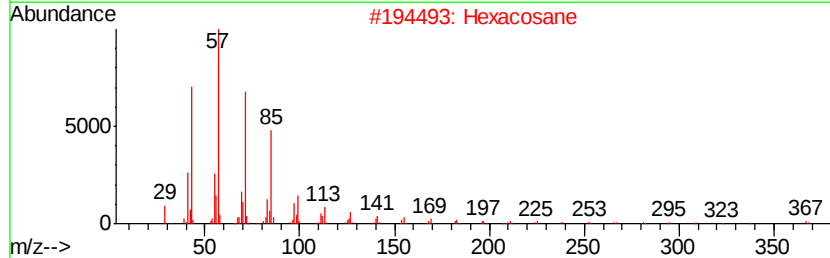
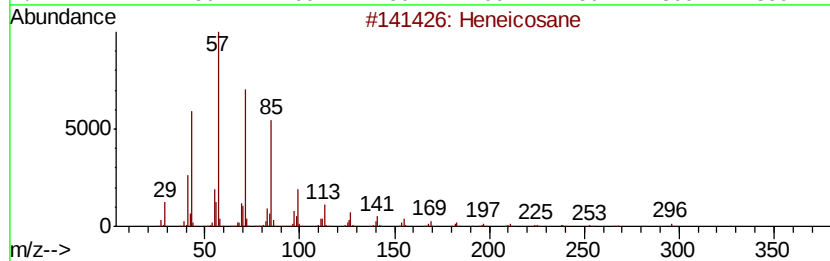
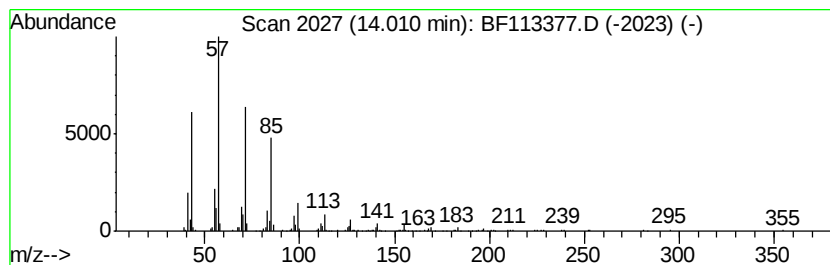
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Peak Number 6 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.50 ng	328543	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Docosane		310	C22H46	000629-97-0	91
5	Triacontane		422	C30H62	000638-68-6	90



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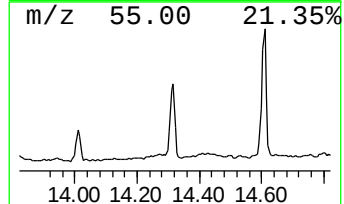
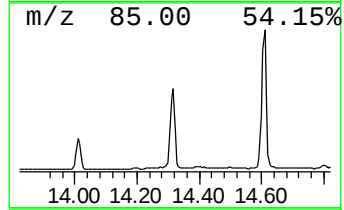
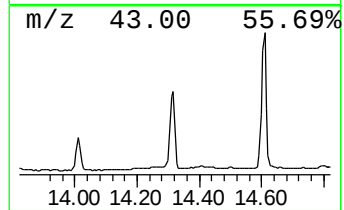
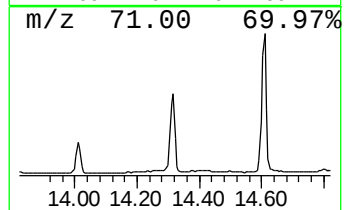
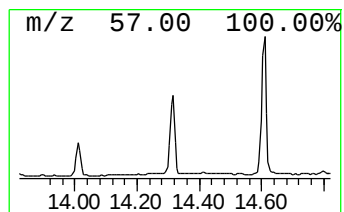
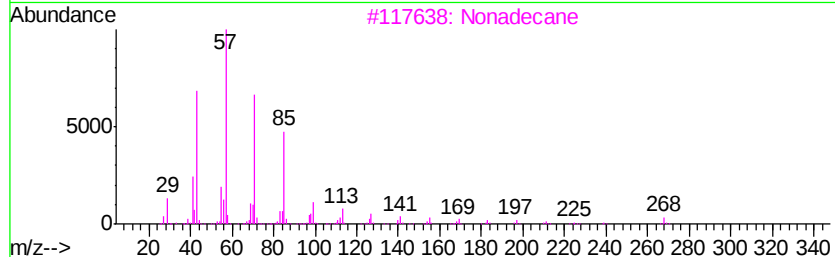
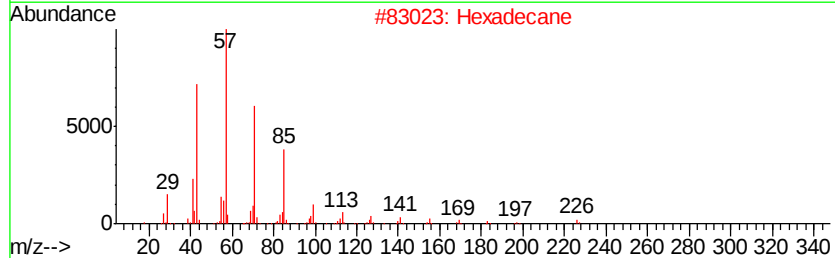
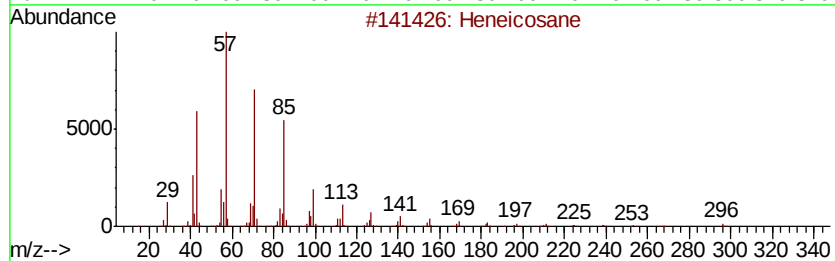
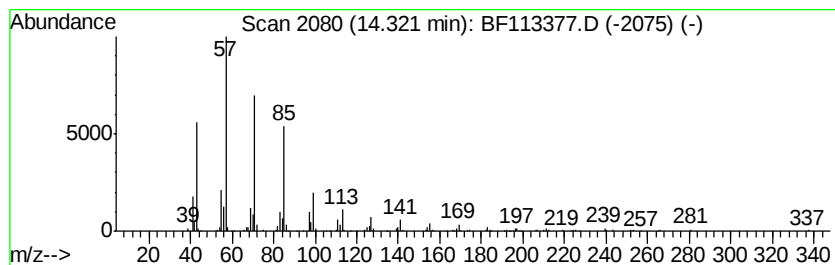
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	8.51 ng	800147	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113377.D
Acq On : 28 Mar 2019 16:41
Operator : JU/SJ
Sample : K2107-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

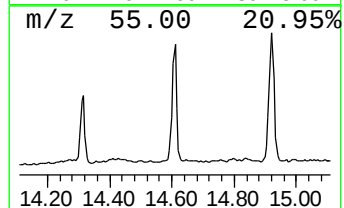
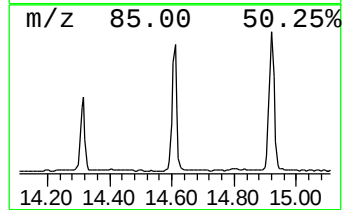
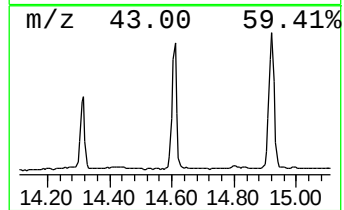
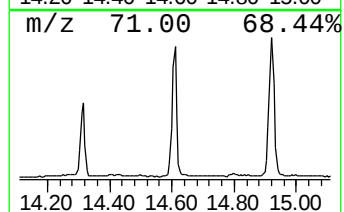
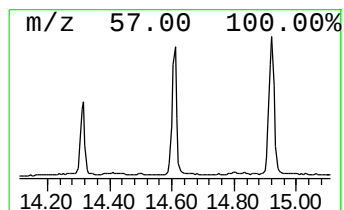
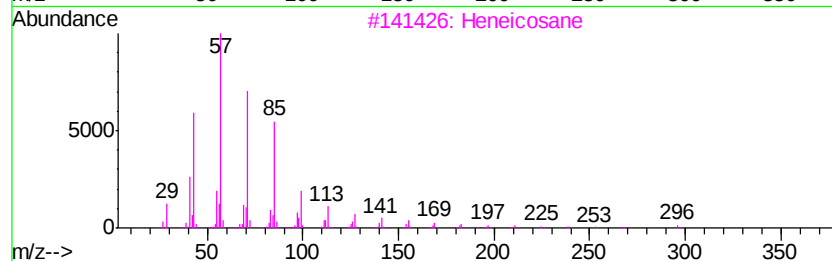
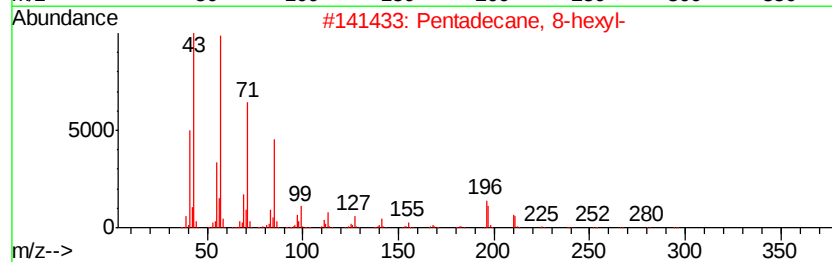
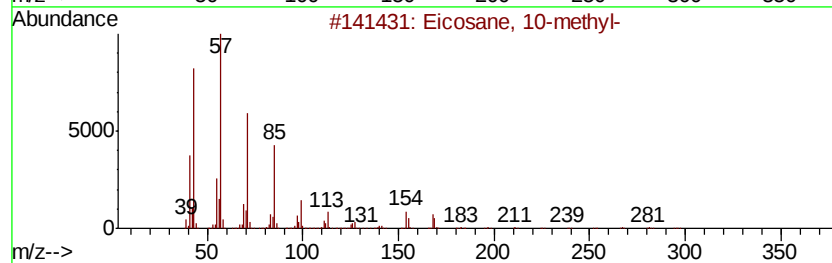
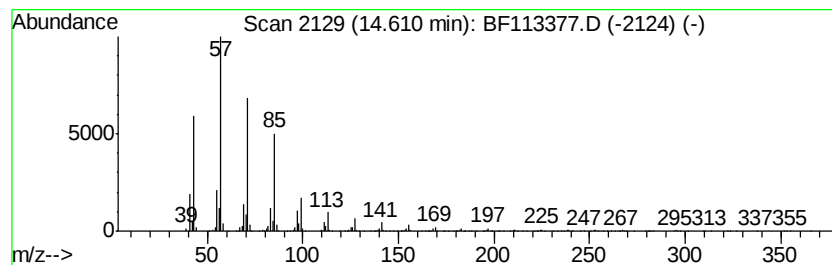
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	16.81 ng	1428550	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94	
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94	
3	Heneicosane	296	C21H44	000629-94-7	91	
4	Octacosane	394	C28H58	000630-02-4	91	
5	Triacontane	422	C30H62	000638-68-6	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113377.D
Acq On : 28 Mar 2019 16:41
Operator : JU/SJ
Sample : K2107-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

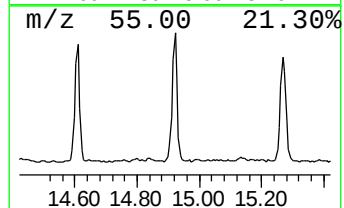
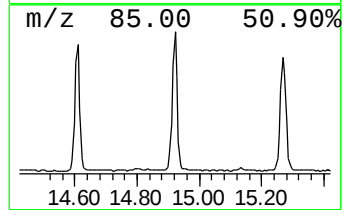
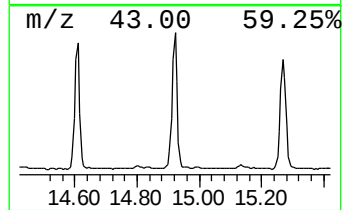
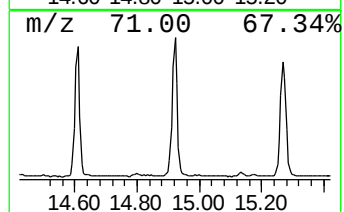
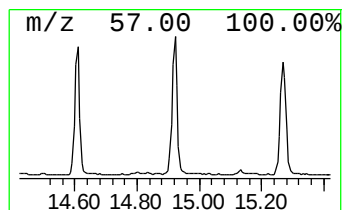
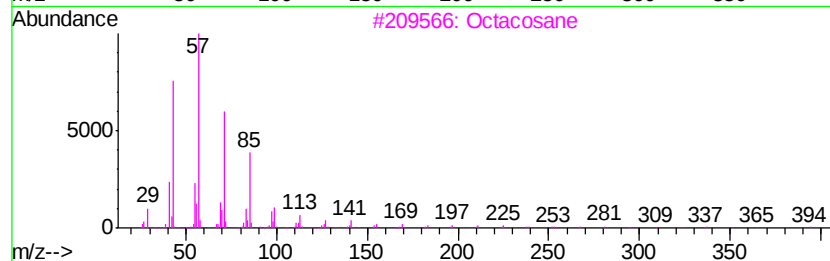
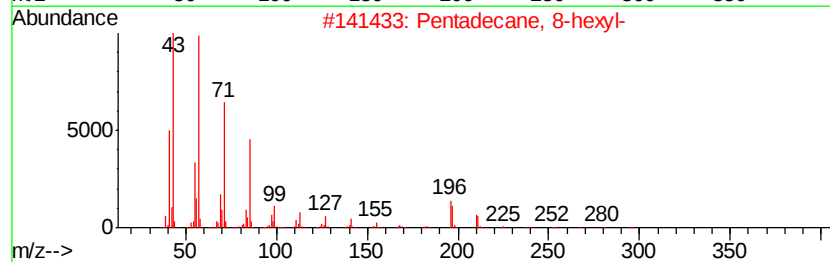
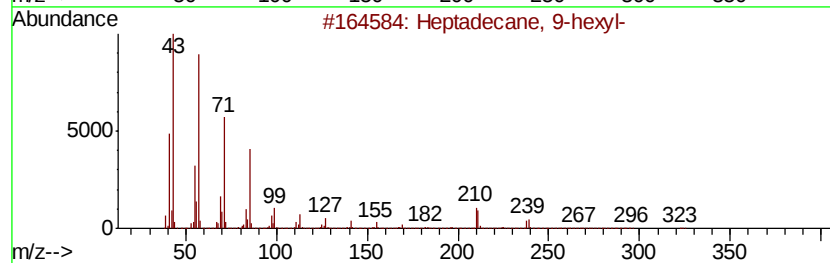
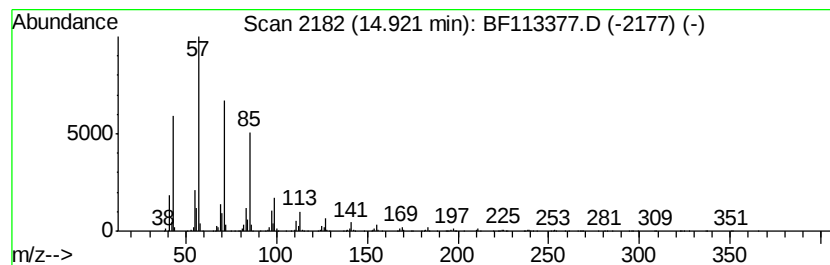
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	19.67 ng	1671690	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113377.D
Acq On : 28 Mar 2019 16:41
Operator : JU/SJ
Sample : K2107-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

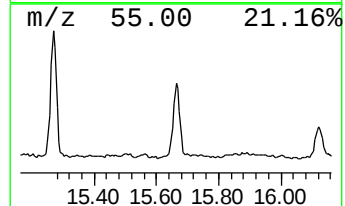
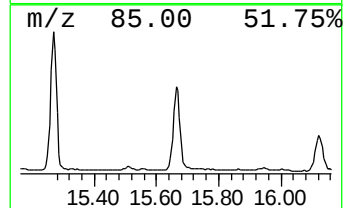
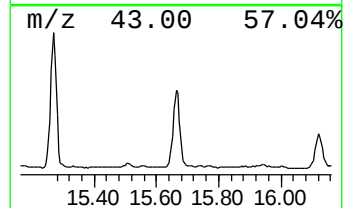
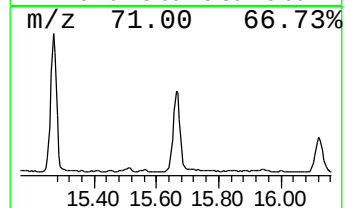
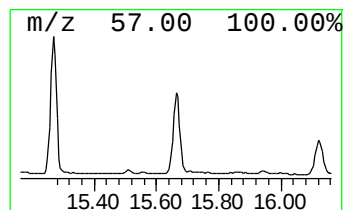
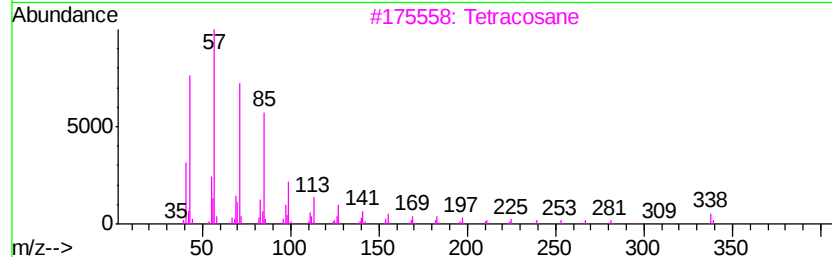
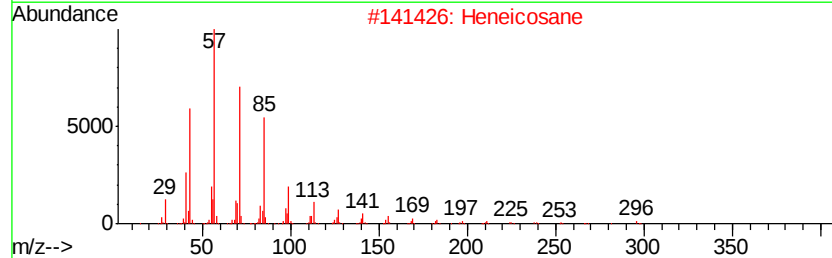
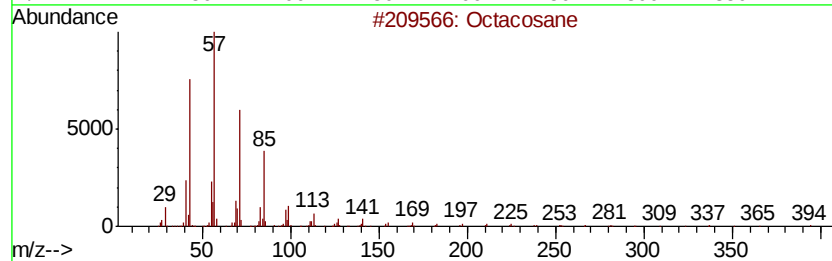
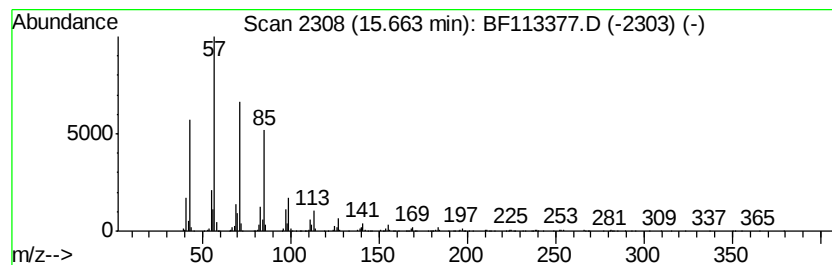
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	12.50 ng	1061910	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113377.D
Acq On : 28 Mar 2019 16:41
Operator : JU/SJ
Sample : K2107-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

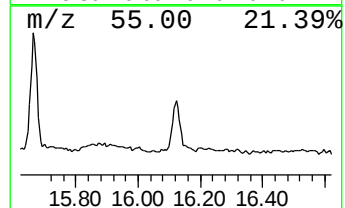
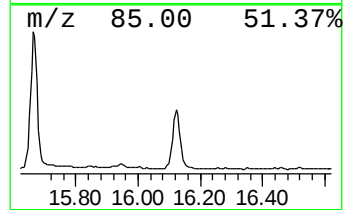
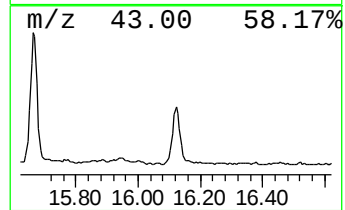
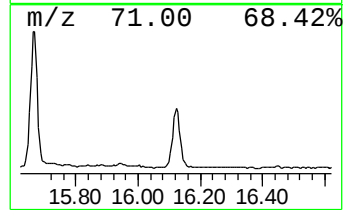
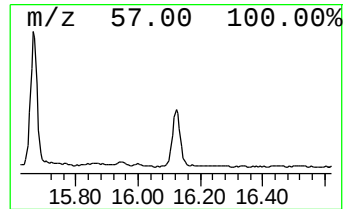
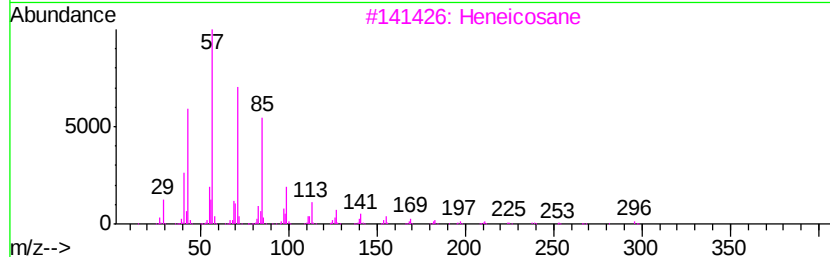
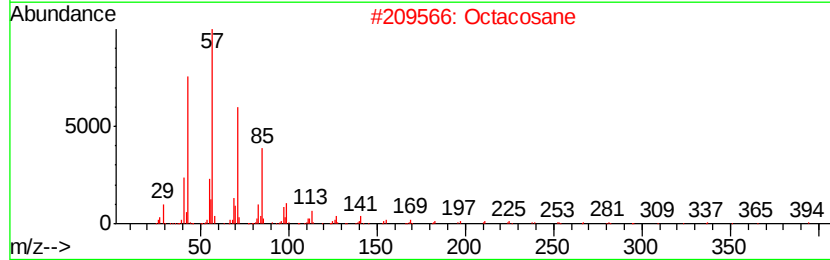
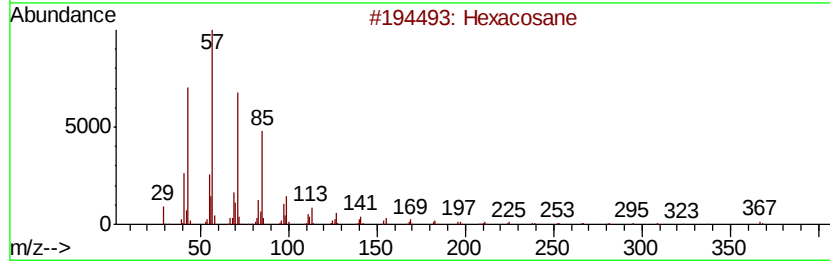
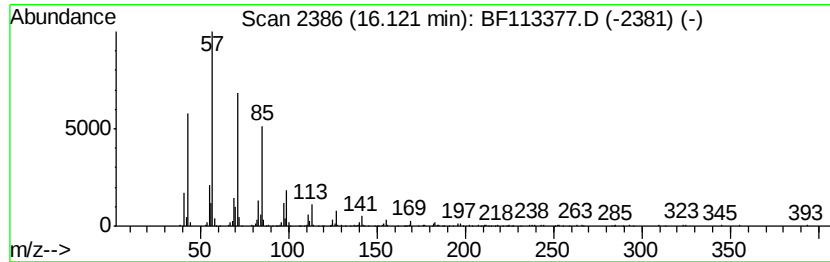
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	6.17 ng	524437	Perylene-d12	15.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113377.D
 Acq On : 28 Mar 2019 16:41
 Operator : JU/SJ
 Sample : K2107-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	11.75	9.7	ng	811485	4	11.21	1681960	20.0
Octadecanoic acid	12.53	8.9	ng	838850	5	13.84	1879440	20.0
n-Tetracosanol-1	13.76	7.9	ng	738948	5	13.84	1879440	20.0
Heneicosane	14.01	3.5	ng	328543	5	13.84	1879440	20.0
Hexadecane	14.32	8.5	ng	800147	5	13.84	1879440	20.0
Eicosane, 10-methyl-	14.61	16.8	ng	1428550	6	15.24	1699480	20.0
Heptadecane, 9-he...	14.92	19.7	ng	1671690	6	15.24	1699480	20.0
Octacosane	15.66	12.5	ng	1061910	6	15.24	1699480	20.0
2-methyloctacosane	16.12	6.2	ng	524437	6	15.24	1699480	20.0