

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112777.D
 Acq On : 28 Feb 2019 22:39
 Operator : JU/SJ
 Sample : K1645-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-9-S

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-BF022719.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	5.351	550	555	559	rBV	3197912	3253320	90.52%	9.595%
2	6.375	724	729	732	rBV	3500870	3380694	94.06%	9.971%
3	6.510	748	752	756	rBV	3665479	3444081	95.83%	10.158%
4	6.745	788	792	795	rBV	1122438	1022548	28.45%	3.016%
5	6.898	814	818	822	rBV	3118967	2658781	73.98%	7.842%
6	7.298	881	886	889	rBV	2282252	2117934	58.93%	6.247%
7	8.022	1005	1009	1015	rBV	1439278	1278759	35.58%	3.772%
8	8.104	1020	1023	1025	rVB	54434	45042	1.25%	0.133%
9	8.463	1079	1084	1088	rBV	93014	104878	2.92%	0.309%
10	8.728	1125	1129	1132	rVB2	43808	58107	1.62%	0.171%
11	9.057	1182	1185	1188	rVB	124692	106540	2.96%	0.314%
12	9.098	1188	1192	1195	rBV	4276363	3594096	100.00%	10.600%
13	9.192	1204	1208	1212	rBV5	42265	71594	1.99%	0.211%
14	9.486	1255	1258	1261	rBV	291375	266286	7.41%	0.785%
15	9.510	1261	1262	1265	rVB	168027	124681	3.47%	0.368%
16	9.692	1291	1293	1296	rVB	78022	57471	1.60%	0.170%
17	9.769	1302	1306	1313	rBV	1325437	1342741	37.36%	3.960%
18	10.045	1350	1353	1357	rBV2	64747	62623	1.74%	0.185%
19	10.439	1416	1420	1423	rVB	103799	102558	2.85%	0.302%
20	10.551	1435	1439	1446	rBV	2086533	2023825	56.31%	5.969%
21	10.704	1460	1465	1471	rVB	124634	130262	3.62%	0.384%
22	10.922	1499	1502	1505	rVB3	43568	46213	1.29%	0.136%
23	11.163	1540	1543	1548	rVB	64799	74999	2.09%	0.221%
24	11.245	1554	1557	1561	rBV	1212779	1117279	31.09%	3.295%
25	11.786	1645	1649	1659	rBV2	370708	364268	10.14%	1.074%
26	12.451	1759	1762	1766	rBV	60400	65670	1.83%	0.194%
27	12.568	1778	1782	1791	rBV2	130483	171784	4.78%	0.507%
28	12.680	1798	1801	1803	rBV	68851	64649	1.80%	0.191%
29	12.704	1803	1805	1810	rVB2	45942	54787	1.52%	0.162%
30	12.827	1822	1826	1830	rBV	3042652	2894639	80.54%	8.537%
31	13.733	1977	1980	1989	rVB2	177003	211980	5.90%	0.625%
32	13.874	1999	2004	2007	rBV	1282135	1223299	34.04%	3.608%
33	14.062	2033	2036	2038	rBV	90739	85895	2.39%	0.253%
34	14.362	2084	2087	2092	rBV	147350	139532	3.88%	0.412%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	14.662	2134	2138	2141	rBV	190788	187559	5.22%	0.553%
36	14.980	2188	2192	2197	rBV	209739	233827	6.51%	0.690%
37	15.280	2239	2243	2248	rBV	967092	1177971	32.78%	3.474%
38	15.339	2249	2253	2260	rVB	184429	242875	6.76%	0.716%
39	15.745	2319	2322	2327	rVB	126249	160406	4.46%	0.473%
40	16.215	2399	2402	2408	rVB	82346	140616	3.91%	0.415%

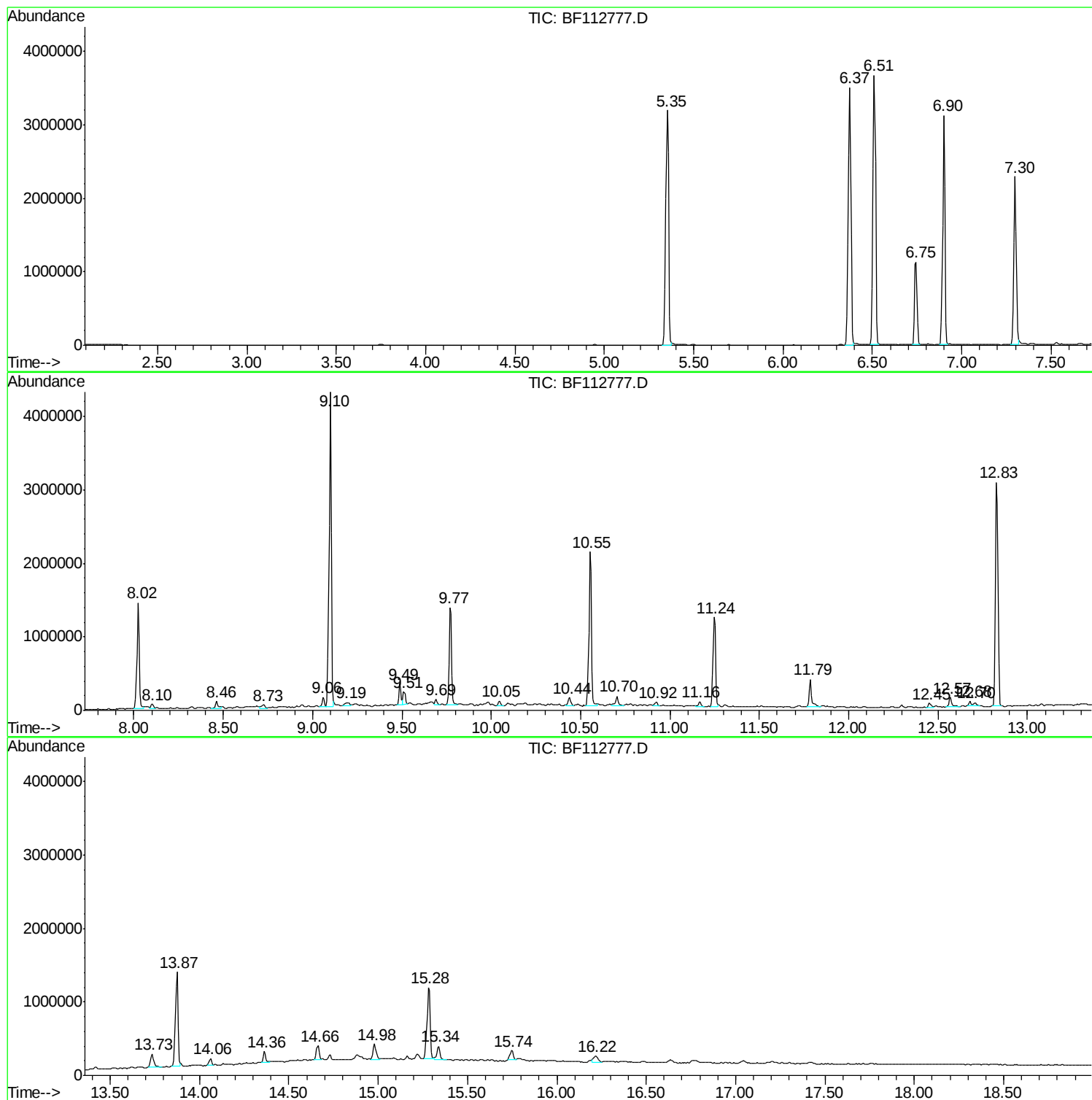
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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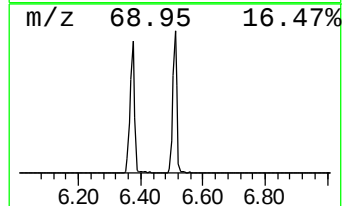
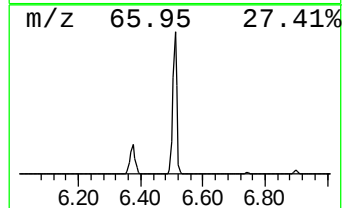
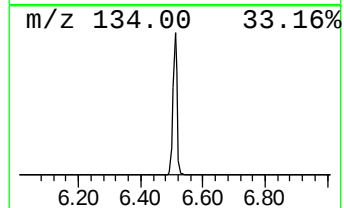
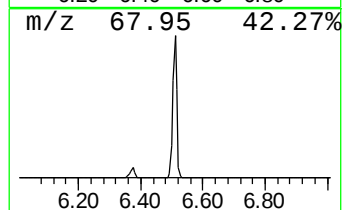
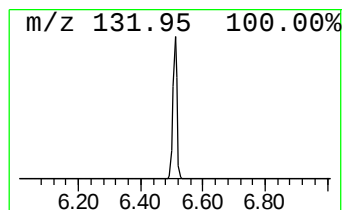
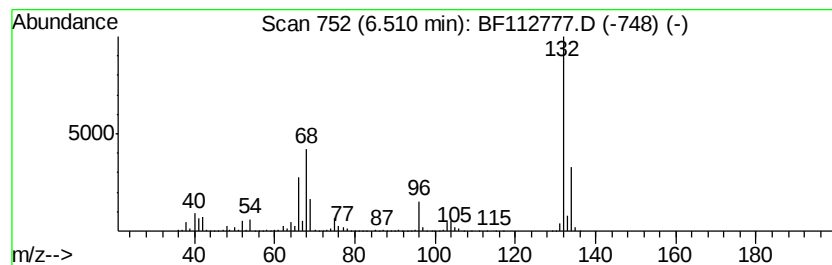
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	67.36 ng	3444080	1,4-Dichlorobenzene-d4	6.75

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		Xenon	132	Xe	007440-63-3	9



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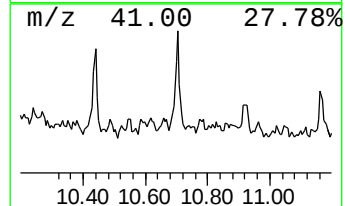
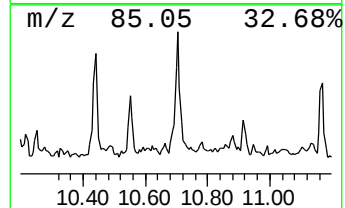
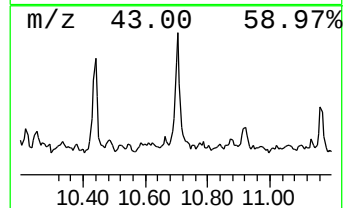
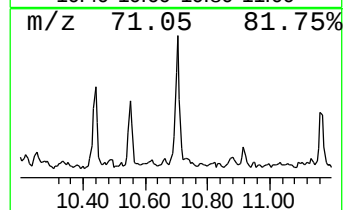
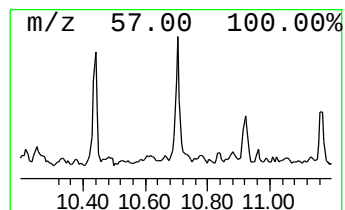
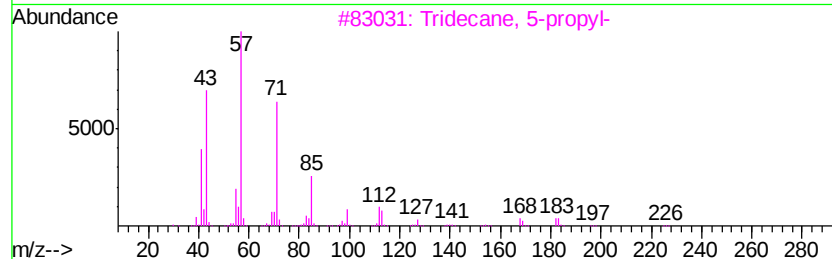
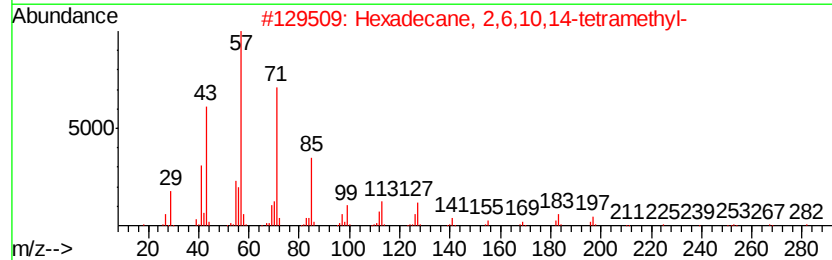
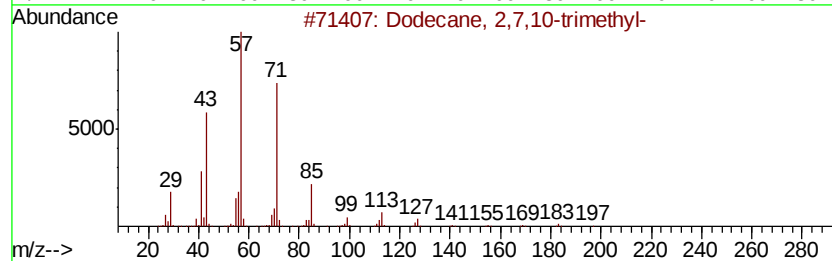
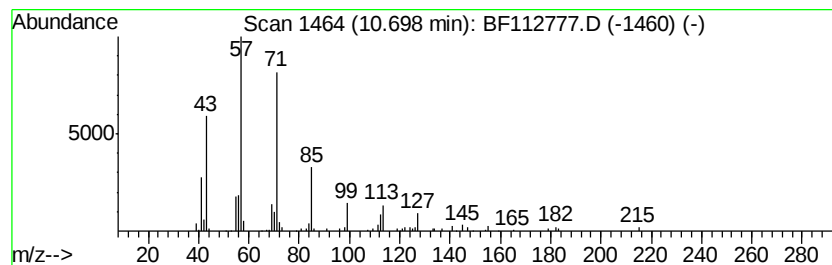
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.70	2.33 ng	130262	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32		074645-98-0	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42		000638-36-8	78
3	Tridecane, 5-propyl-	226	C16H34		055045-11-9	78
4	Dodecane, 2,6,11-trimethyl-	212	C15H32		031295-56-4	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40		001921-70-6	64



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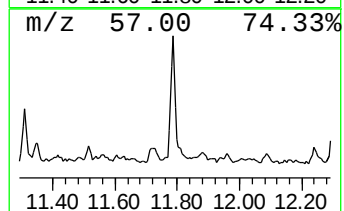
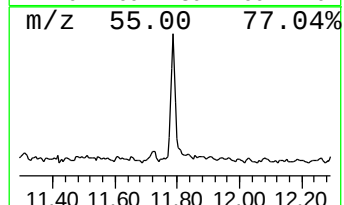
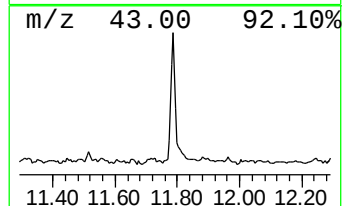
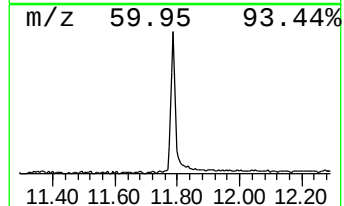
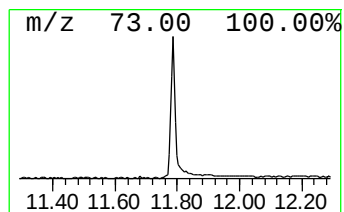
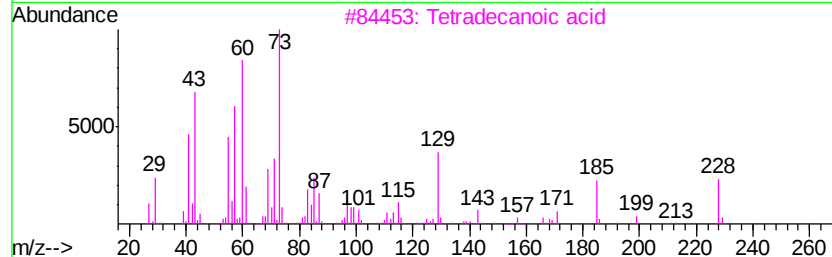
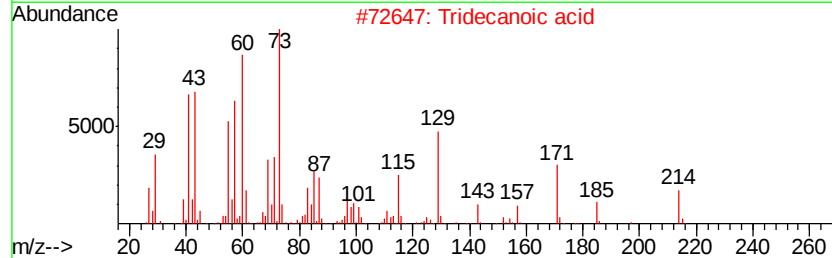
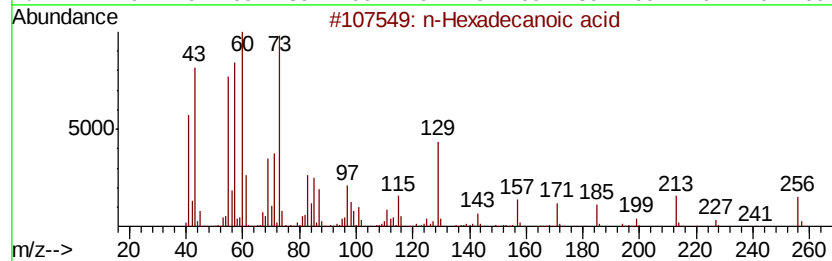
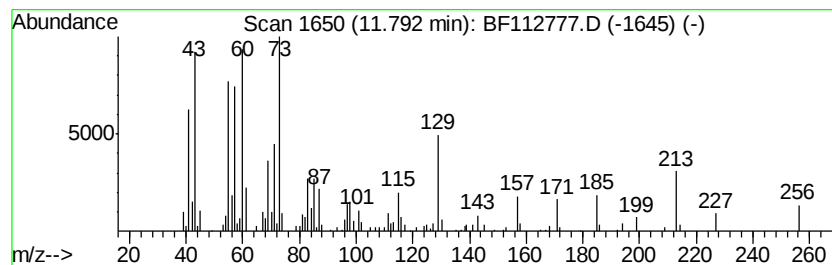
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.52 ng	364268	Phenanthrene-d10	11.24

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	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62	



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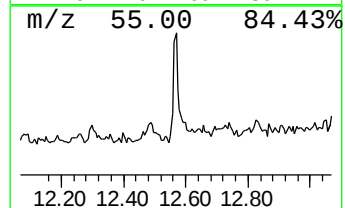
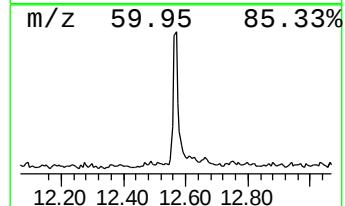
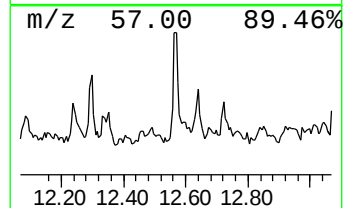
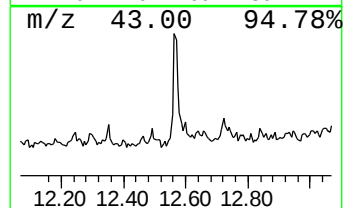
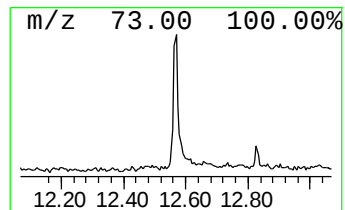
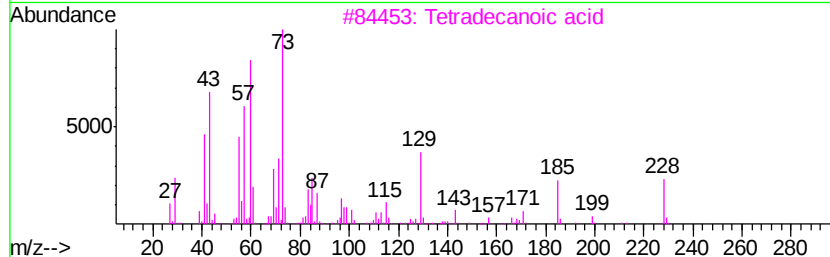
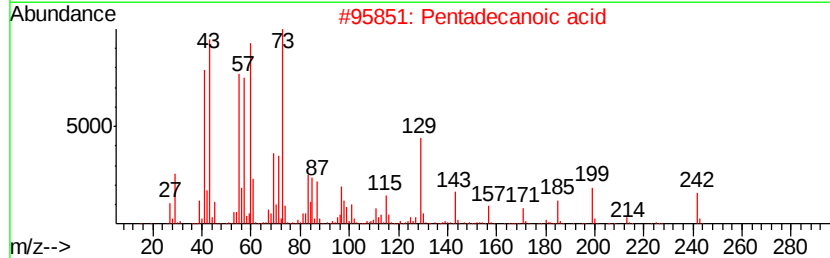
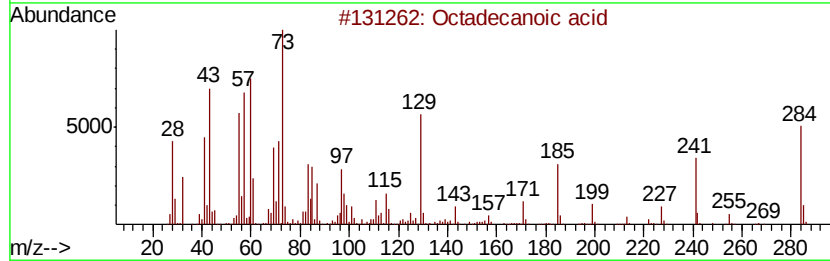
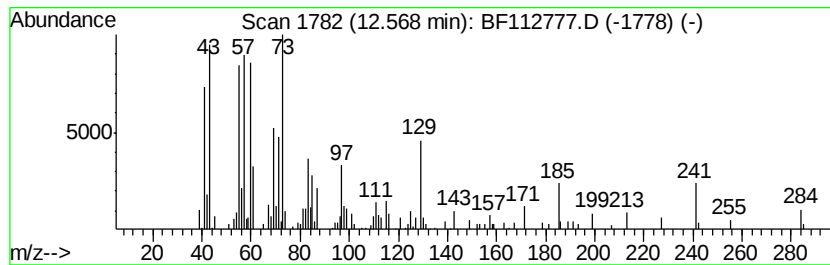
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.81 ng	171784	Chrysene-d12	13.87

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	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Undecanoic acid	186	C11H22O2	000112-37-8	74
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



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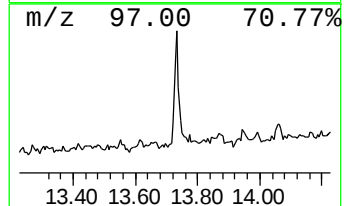
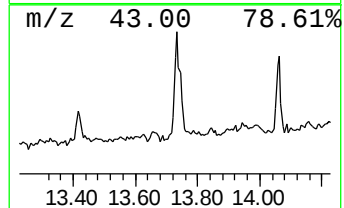
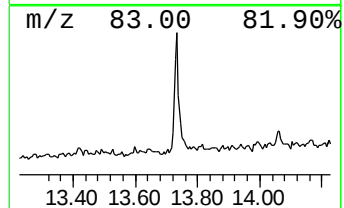
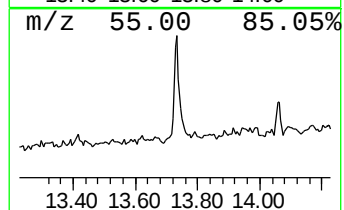
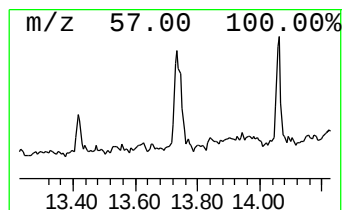
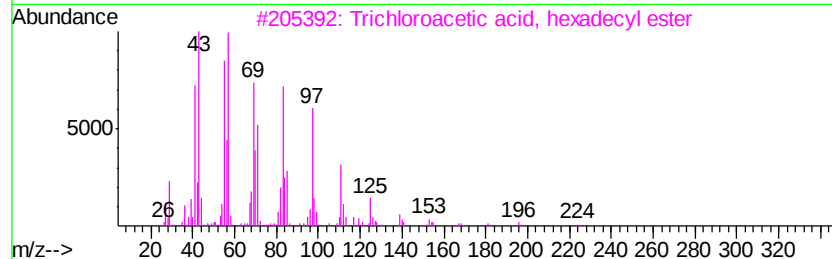
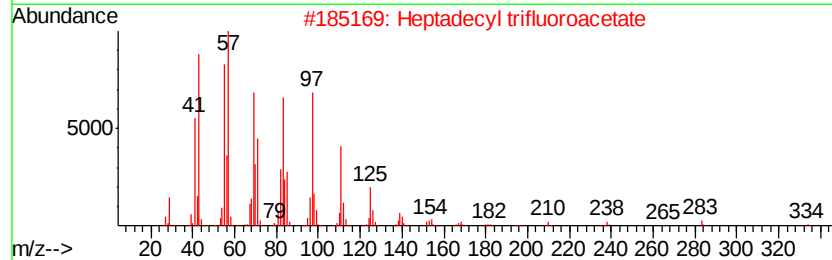
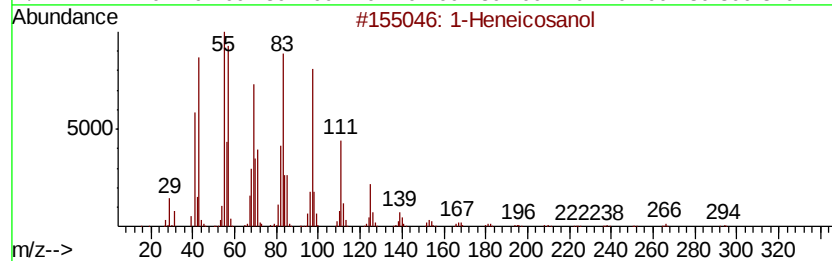
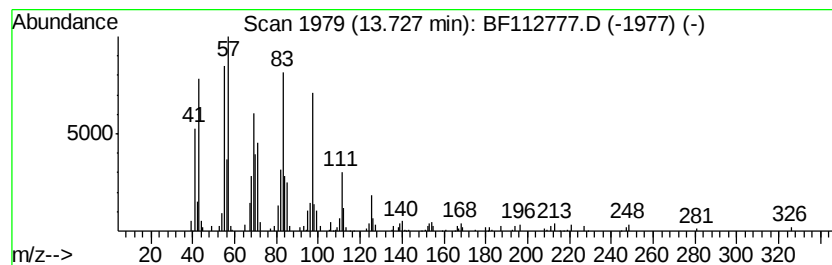
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	3.47 ng	211980	Chrysene-d12	13.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	93
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-9-S

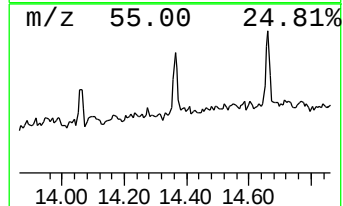
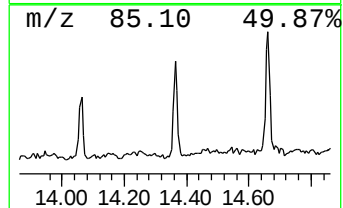
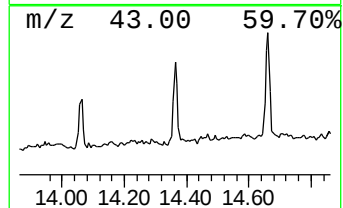
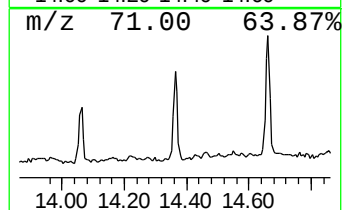
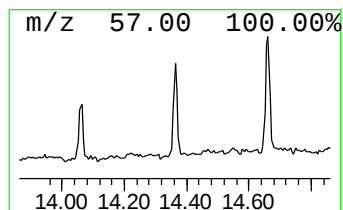
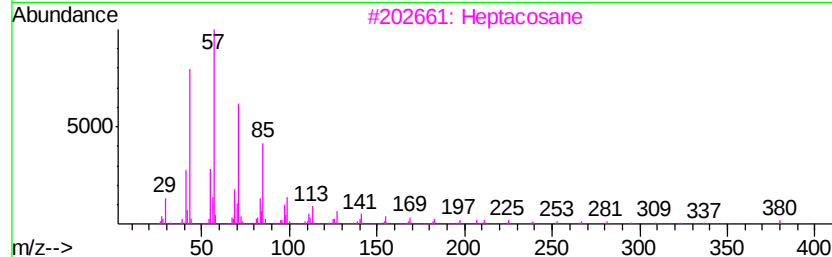
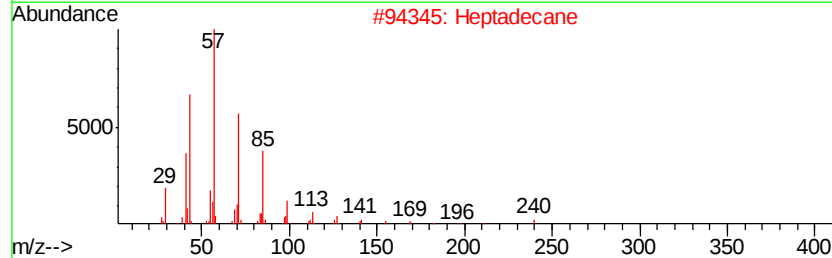
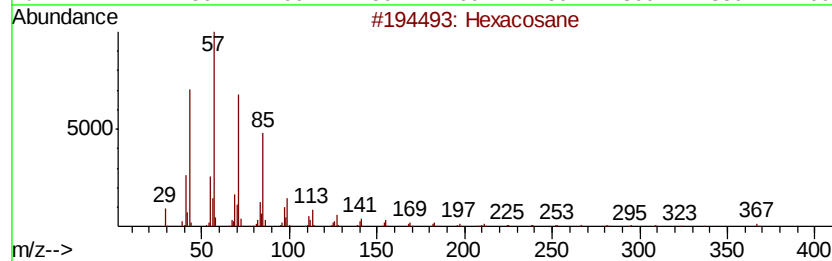
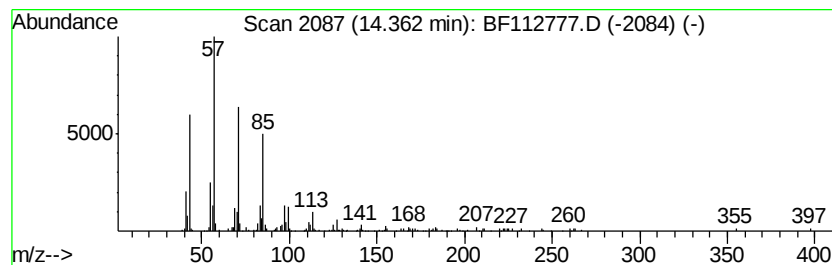
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.28 ng	139532	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heptadecane	240	C17H36	000629-78-7	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		10-Methylnonadecane	282	C20H42	056862-62-5	83
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112777.D
 Acq On : 28 Feb 2019 22:39
 Operator : JU/SJ
 Sample : K1645-07
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :
 SR-9-S

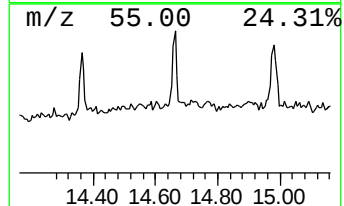
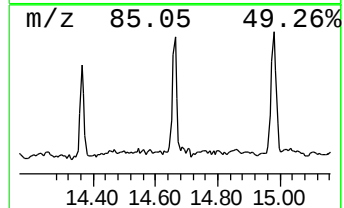
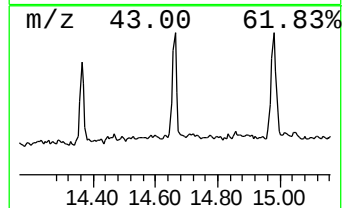
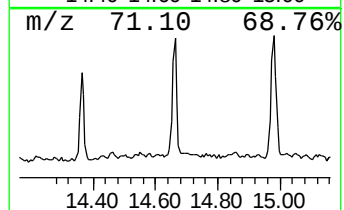
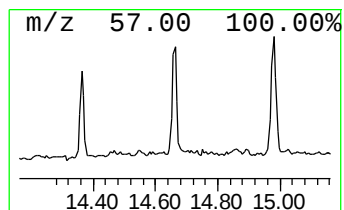
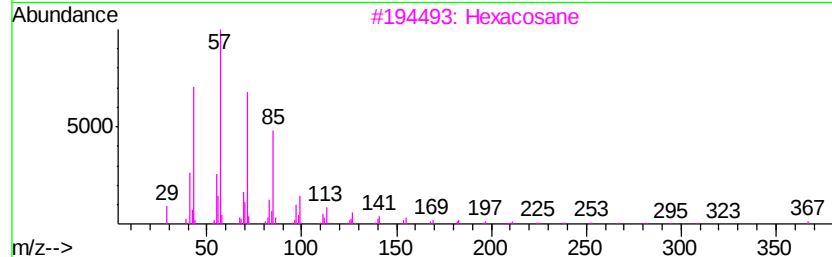
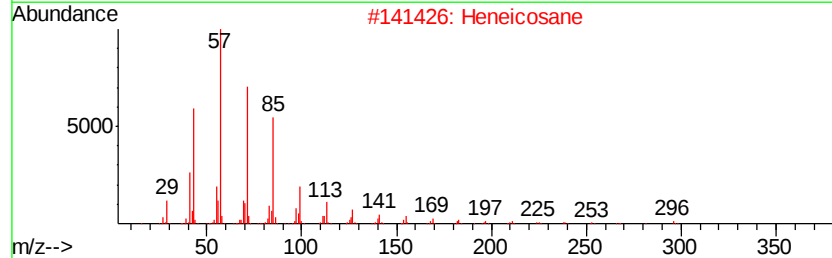
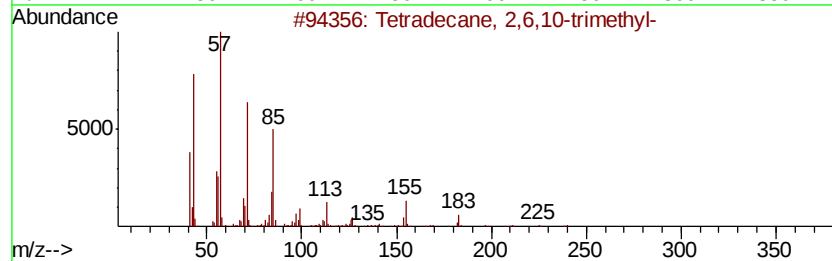
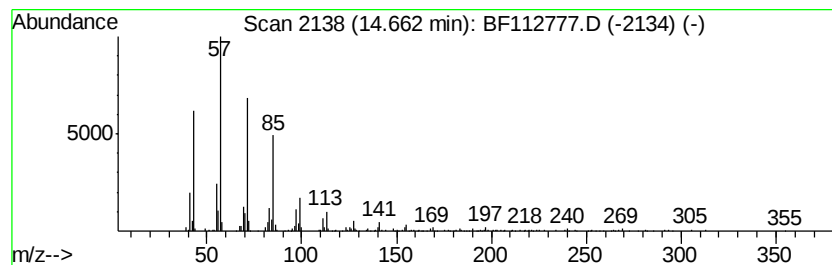
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Tetradecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.18 ng	187559	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112777.D
Acq On : 28 Feb 2019 22:39
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Sample : K1645-07
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Instrument :
BNA_F
ClientSampleId :
SR-9-S

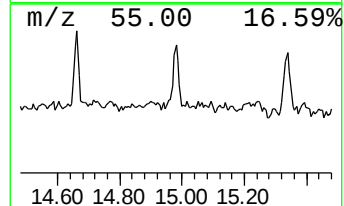
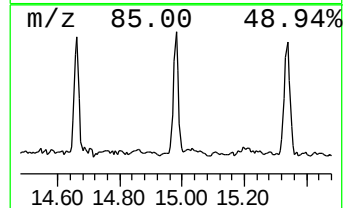
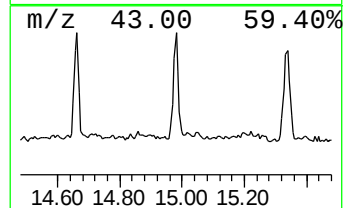
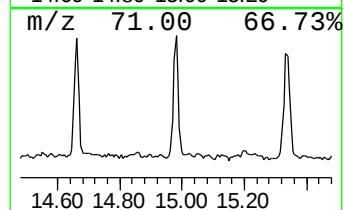
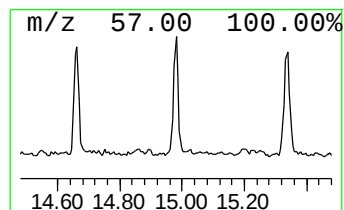
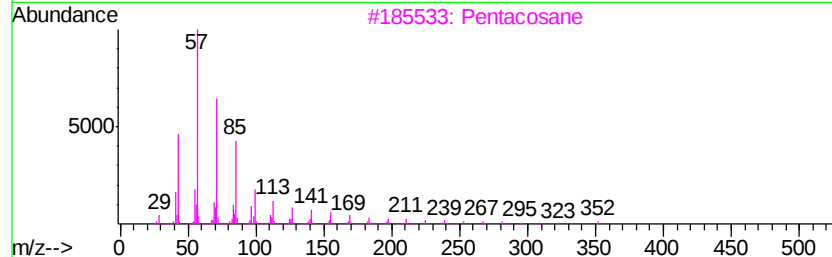
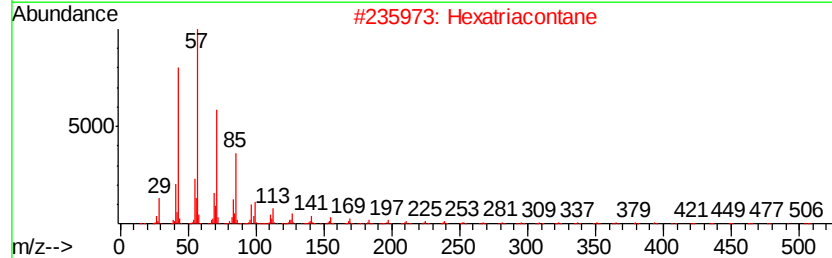
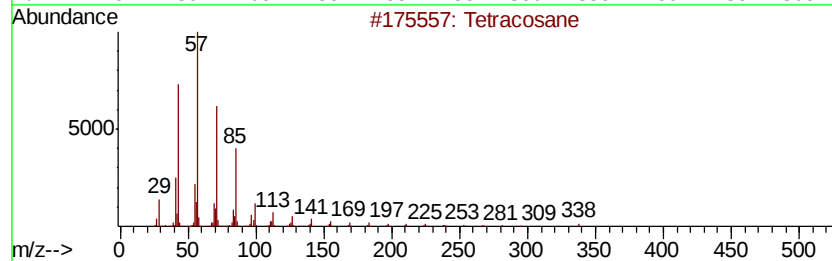
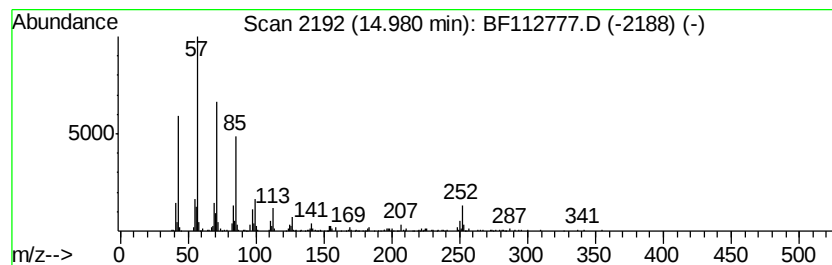
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	3.97 ng	233827	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	83
2		Hexatriacontane	507	C36H74	000630-06-8	83
3		Pentacosane	352	C25H52	000629-99-2	83
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112777.D
Acq On : 28 Feb 2019 22:39
Operator : JU/SJ
Sample : K1645-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-9-S

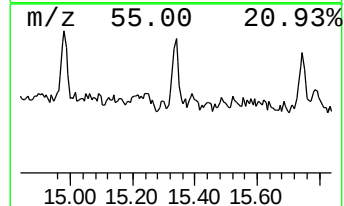
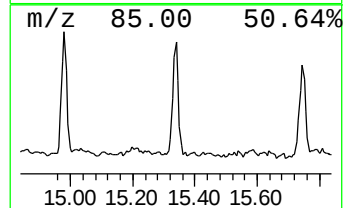
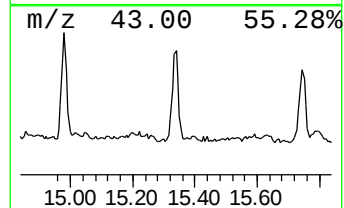
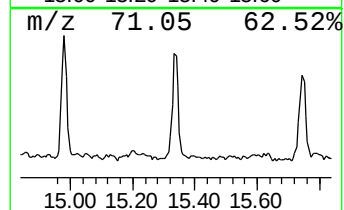
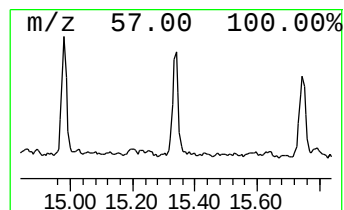
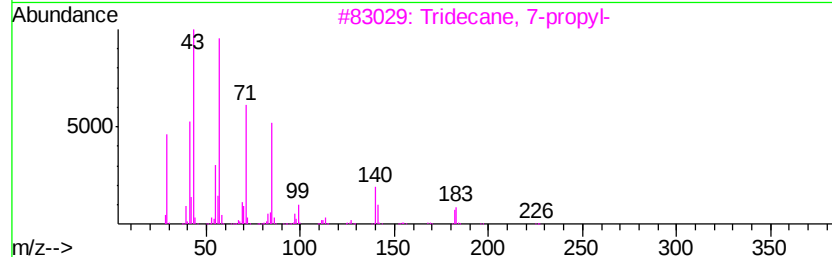
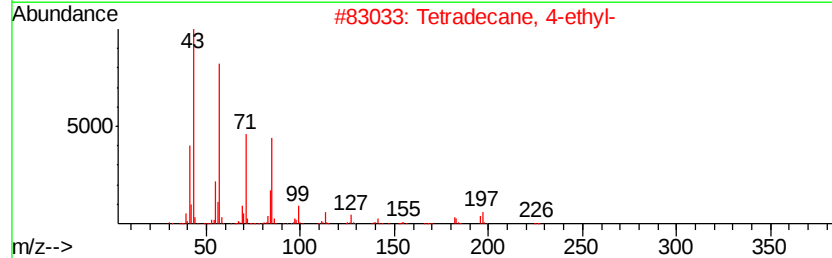
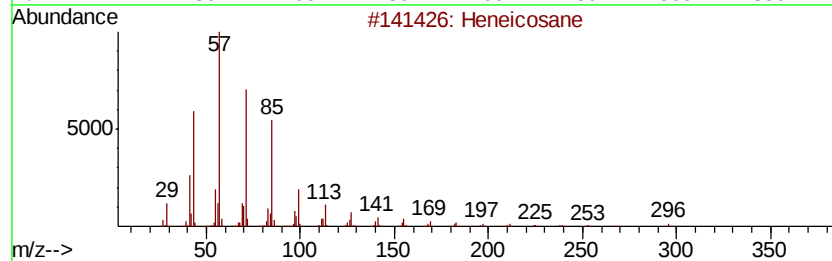
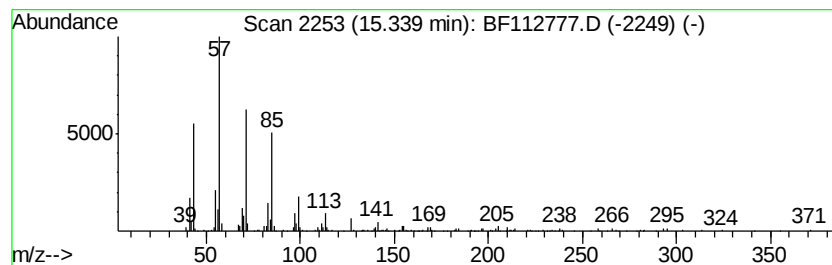
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.12 ng	242875	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112777.D
Acq On : 28 Feb 2019 22:39
Operator : JU/SJ
Sample : K1645-07
Misc :
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ClientSampleId :
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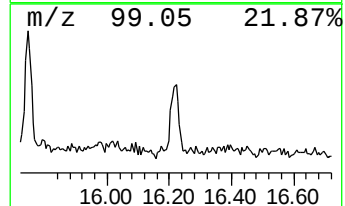
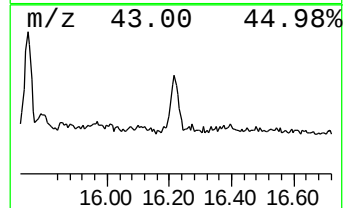
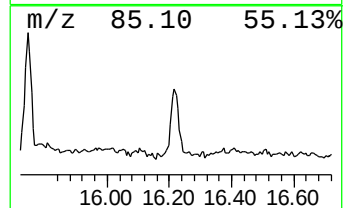
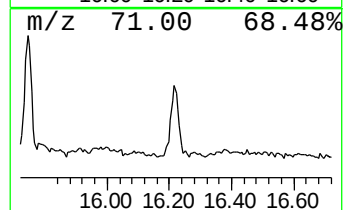
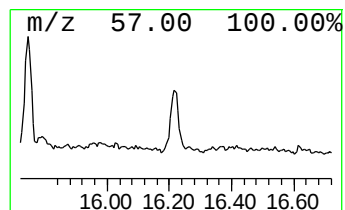
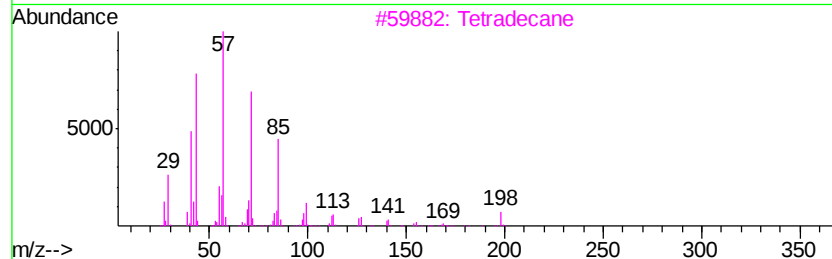
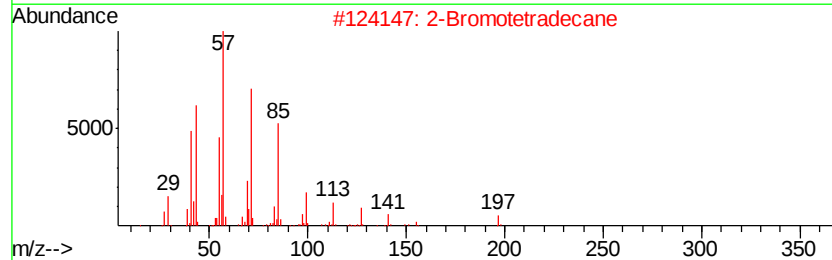
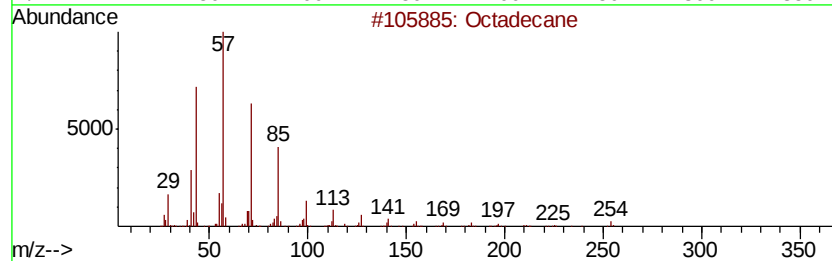
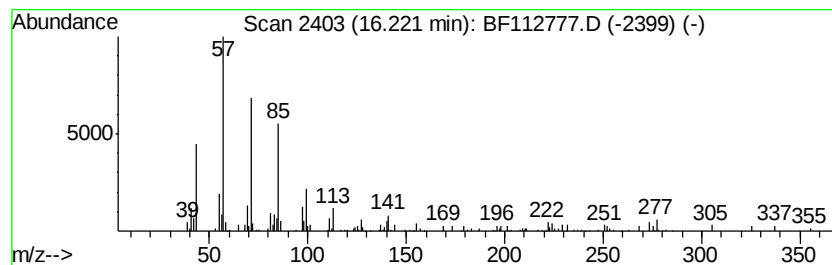
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.39 ng	140616	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Octacosane	394	C28H58	000630-02-4	80
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112777.D
Acq On : 28 Feb 2019 22:39
Operator : JU/SJ
Sample : K1645-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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Dodecane, 2,7,10-...	10.70	2.3	ng	130262	4	11.24	1117280	20.0
n-Hexadecanoic acid	11.79	6.5	ng	364268	4	11.24	1117280	20.0
Octadecanoic acid	12.57	2.8	ng	171784	5	13.87	1223300	20.0
1-Heneicosanol	13.73	3.5	ng	211980	5	13.87	1223300	20.0
Hexacosane	14.36	2.3	ng	139532	5	13.87	1223300	20.0
Tetradecane, 2,6,...	14.66	3.2	ng	187559	6	15.28	1177970	20.0
Tetracosane	14.98	4.0	ng	233827	6	15.28	1177970	20.0
Heneicosane	15.34	4.1	ng	242875	6	15.28	1177970	20.0
Octadecane	16.22	2.4	ng	140616	6	15.28	1177970	20.0