

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092120\
 Data File : BF121638.D
 Acq On : 21 Sep 2020 21:11
 Operator : JU/CG
 Sample : L4048-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

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-BF091020.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	5.034	497	501	507	rBV	38203	51139	1.46%	0.191%
2	5.440	565	570	573	rBV	3007064	2810782	80.34%	10.482%
3	6.451	738	742	755	rBV	2779760	2980870	85.20%	11.117%
4	6.651	772	776	780	rBV	35799	43637	1.25%	0.163%
5	6.816	800	804	808	rBV	1131205	880444	25.17%	3.283%
6	7.381	895	900	903	rBV	2171531	2016551	57.64%	7.520%
7	8.098	1018	1022	1026	rBV	1298211	1168561	33.40%	4.358%
8	9.181	1200	1206	1209	rBV	3865981	3498637	100.00%	13.048%
9	9.575	1269	1273	1281	rVB	358338	321944	9.20%	1.201%
10	9.857	1313	1321	1325	rBV	1544275	1369394	39.14%	5.107%
11	10.651	1451	1456	1459	rBV	2231764	2013151	57.54%	7.508%
12	11.345	1570	1574	1577	rBV	1471863	1364452	39.00%	5.089%
13	11.374	1577	1579	1582	rVB2	151772	159997	4.57%	0.597%
14	11.563	1608	1611	1616	rBV3	46574	52863	1.51%	0.197%
15	11.880	1662	1665	1669	rBV	139785	137405	3.93%	0.512%
16	12.563	1777	1781	1784	rBV	214702	198659	5.68%	0.741%
17	12.669	1794	1799	1805	rBV2	259330	301880	8.63%	1.126%
18	12.786	1815	1819	1822	rBV	176099	171517	4.90%	0.640%
19	12.939	1840	1845	1848	rBV	3470181	3252910	92.98%	12.131%
20	13.186	1882	1887	1888	rBV3	70531	118836	3.40%	0.443%
21	13.851	1996	2000	2015	rVB2	256118	574850	16.43%	2.144%
22	13.992	2018	2024	2026	rBV	1134370	1188048	33.96%	4.431%
23	14.015	2026	2028	2030	rVB	93184	74532	2.13%	0.278%
24	14.463	2102	2104	2107	rBV	63545	55806	1.60%	0.208%
25	14.498	2107	2110	2118	rVV5	76136	172911	4.94%	0.645%
26	15.027	2197	2200	2207	rVB	96308	170194	4.86%	0.635%
27	15.110	2210	2214	2219	rVB2	144232	172862	4.94%	0.645%
28	15.327	2248	2251	2257	rVB	66930	85658	2.45%	0.319%
29	15.386	2258	2261	2264	rVB	80255	87026	2.49%	0.325%
30	15.451	2267	2272	2276	rBV	786842	1029332	29.42%	3.839%
31	15.686	2309	2312	2316	rVB2	58254	69153	1.98%	0.258%
32	15.921	2348	2352	2359	rVB	146374	220368	6.30%	0.822%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

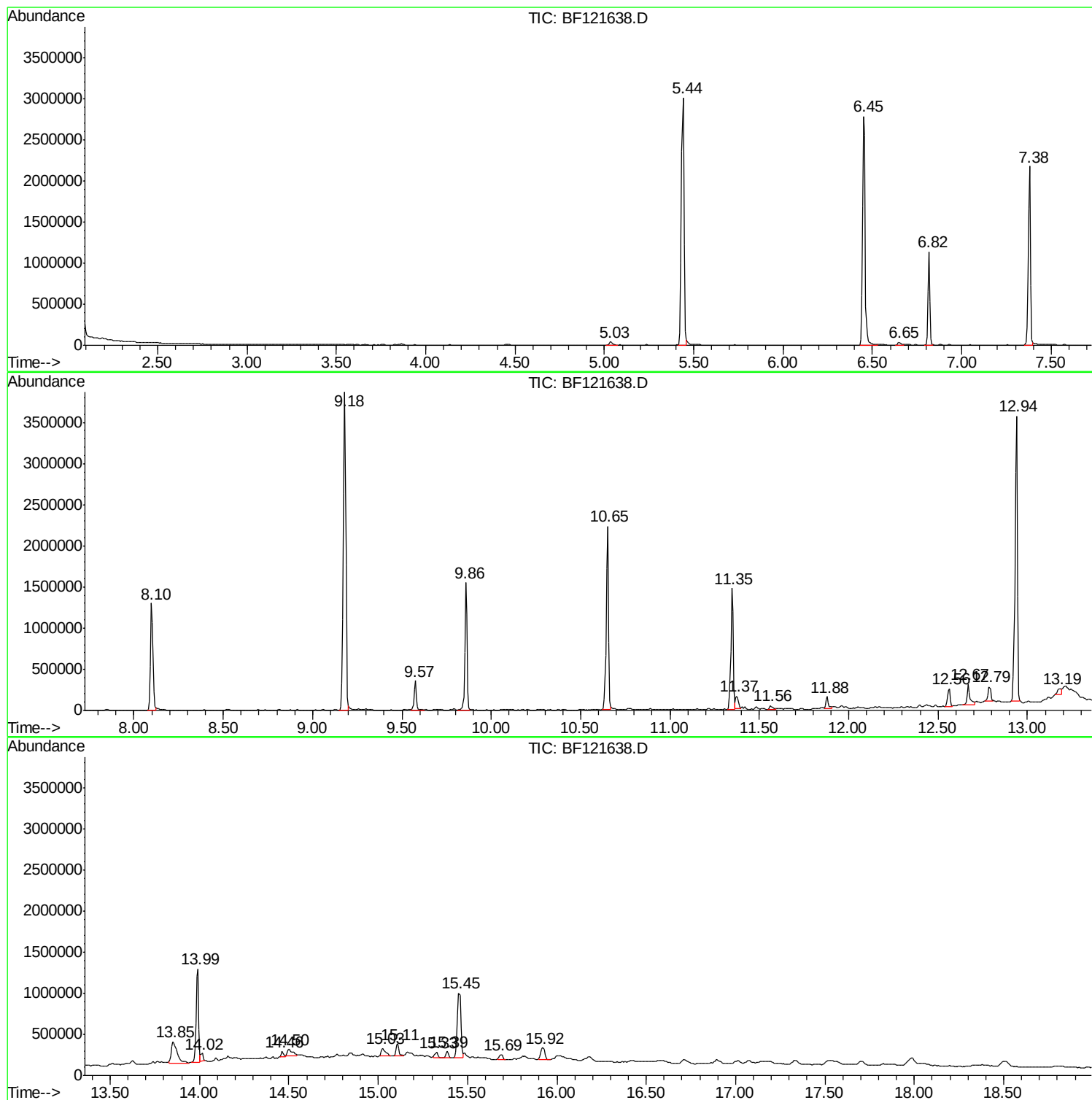
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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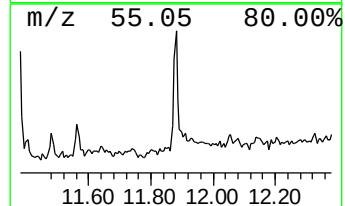
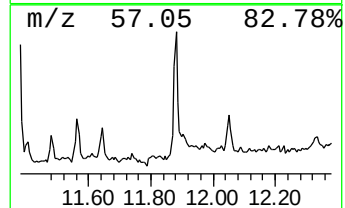
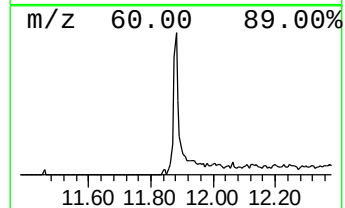
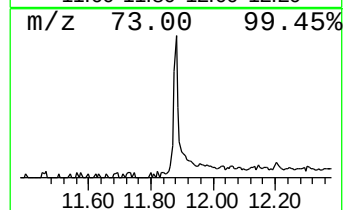
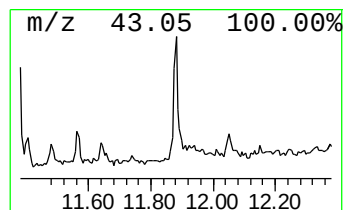
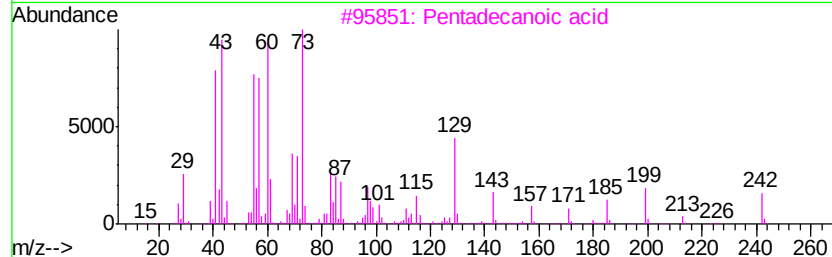
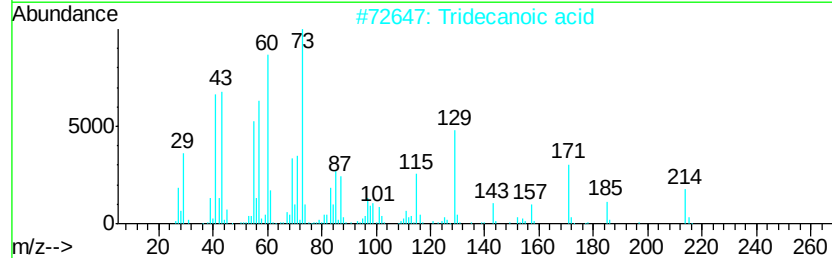
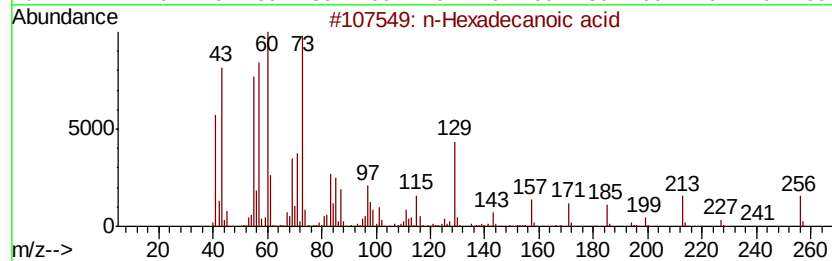
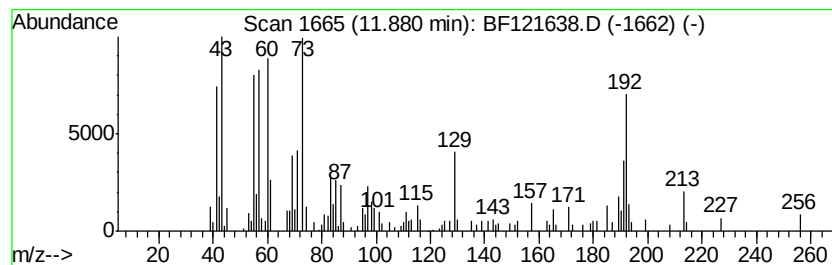
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.88	2.01 ng	137405	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53



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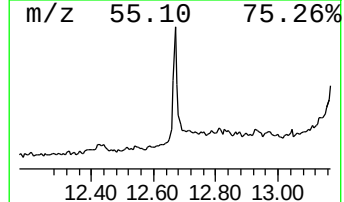
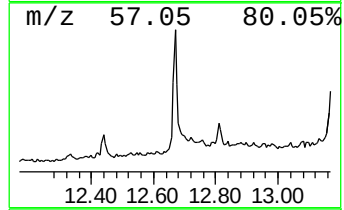
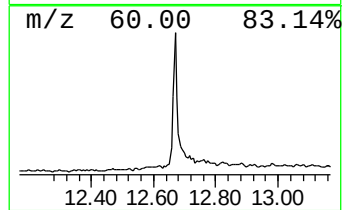
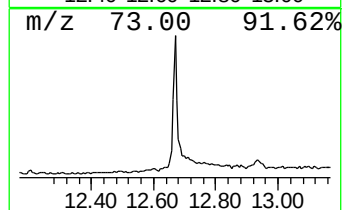
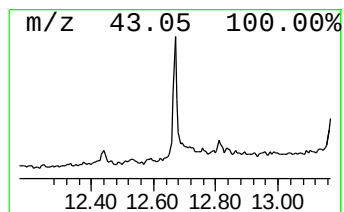
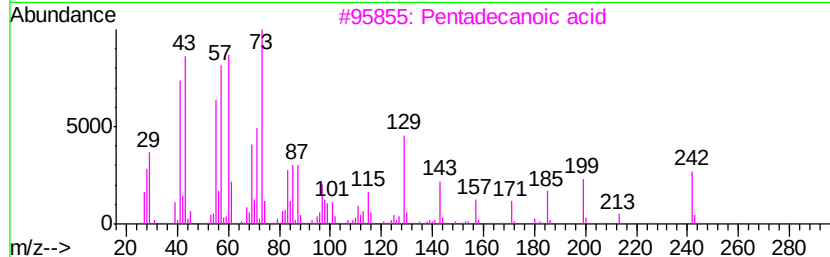
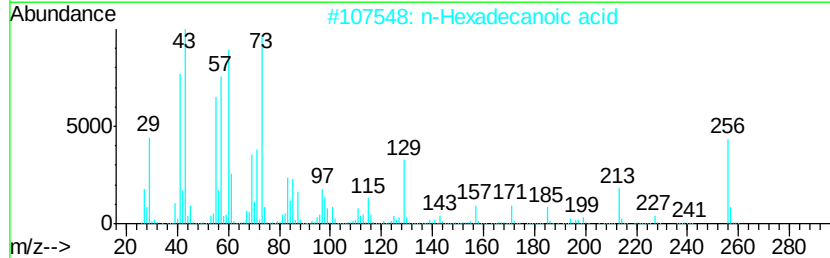
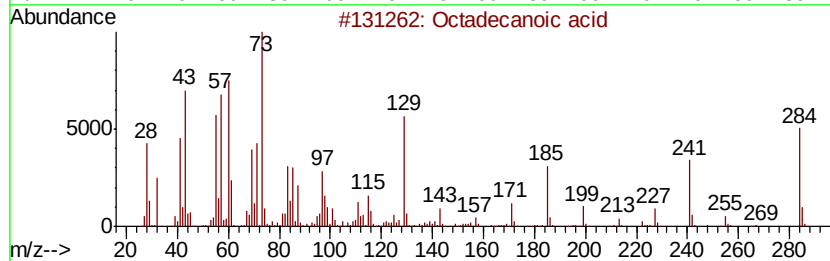
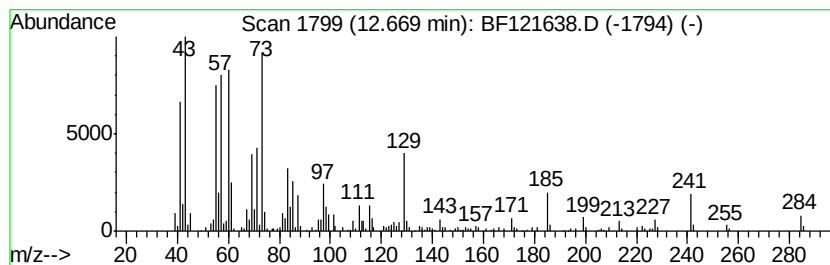
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.67	4.42 ng	301880	Phenanthrene-d10	11.35		
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	86
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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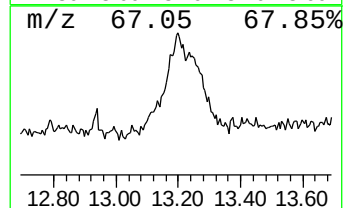
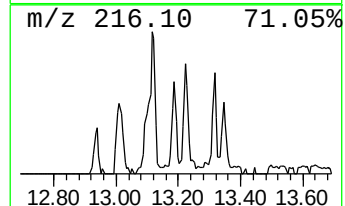
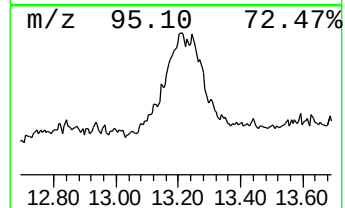
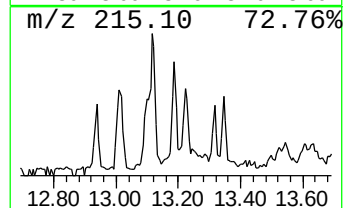
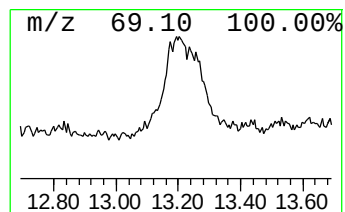
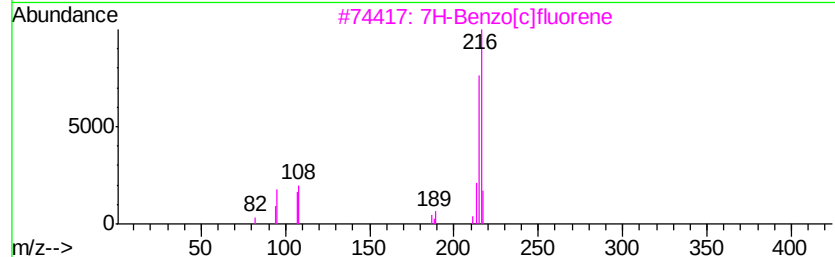
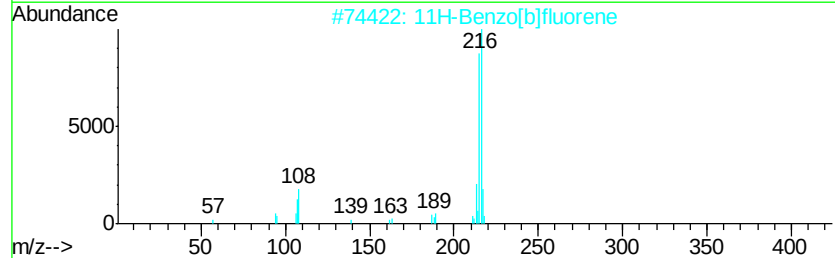
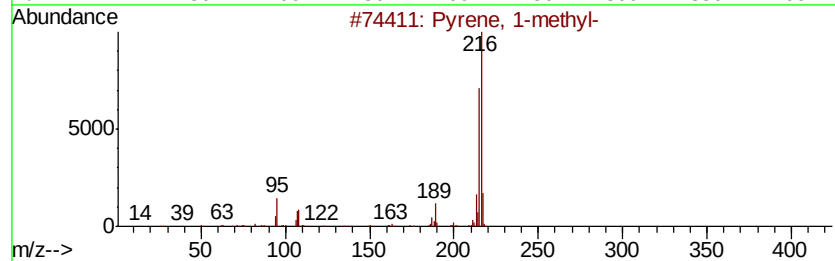
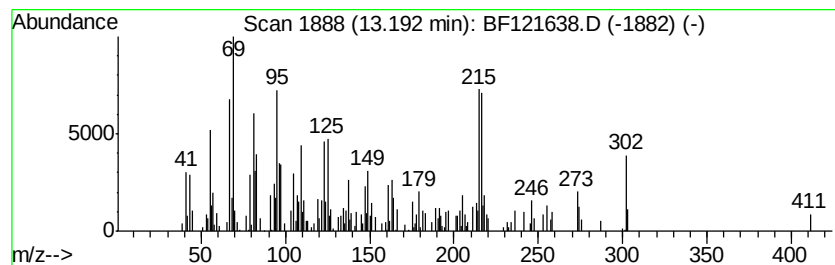
Instrument :
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ClientSampled :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.00 ng	118836	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 64
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 55
3		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 50
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 49
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 46



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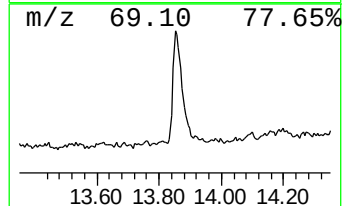
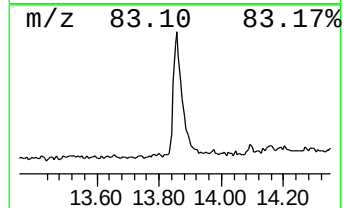
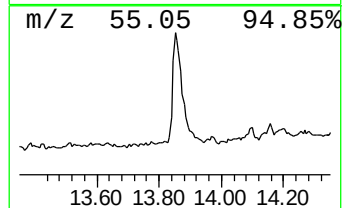
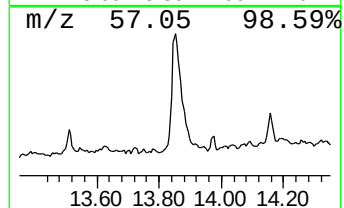
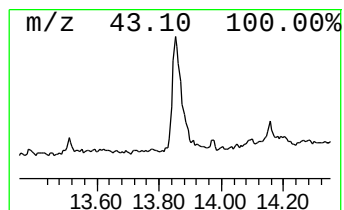
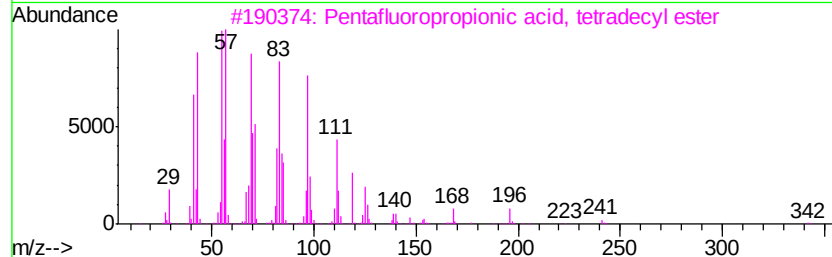
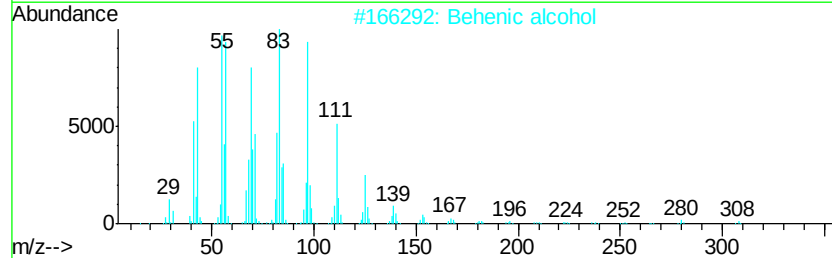
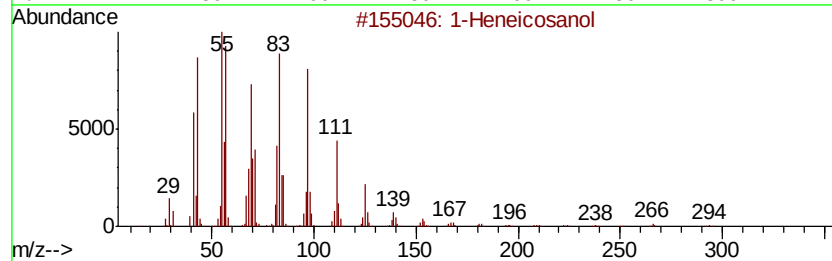
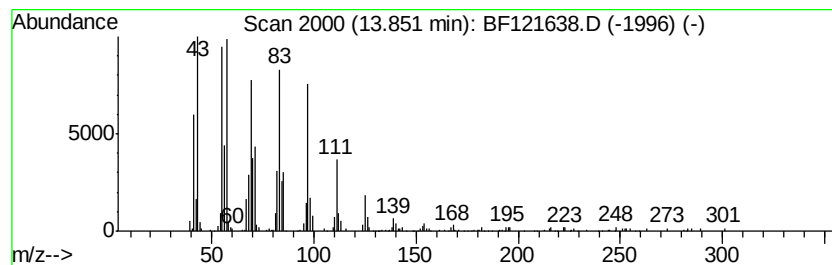
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	9.68 ng	574850	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



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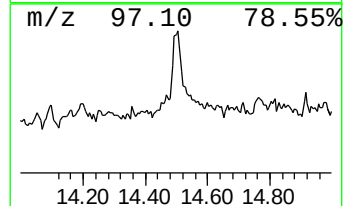
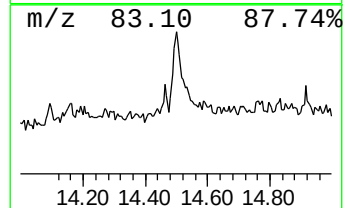
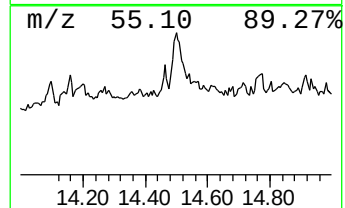
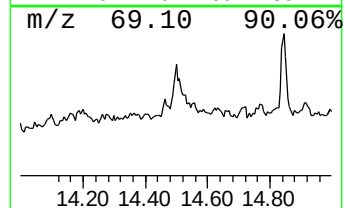
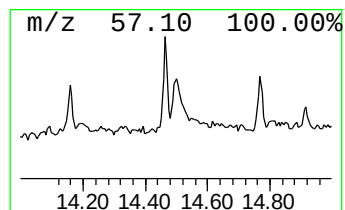
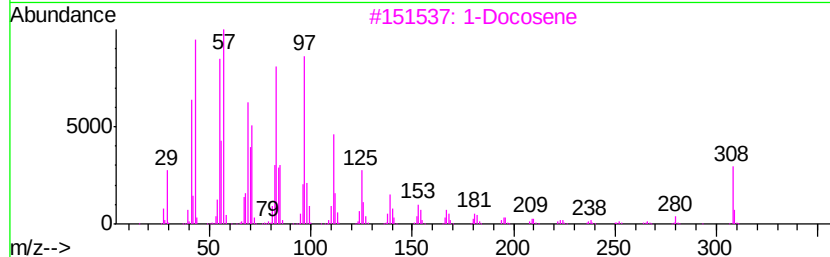
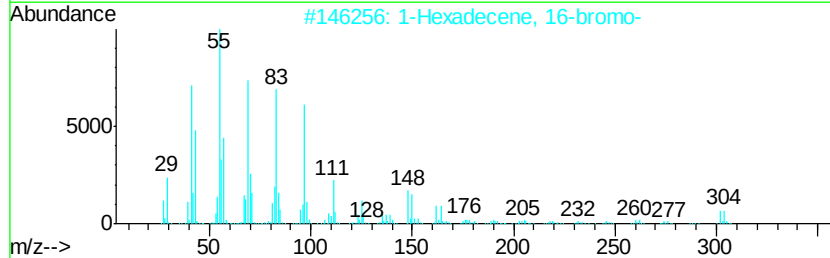
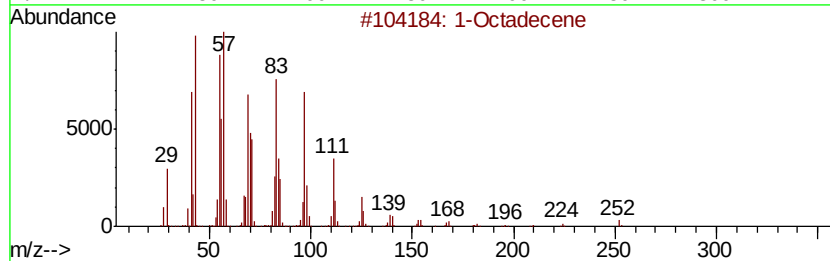
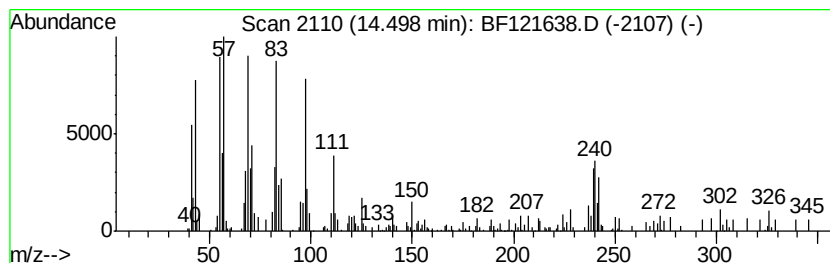
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.91 ng	172911	Chrysene-d12	13.99

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	89
2	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	89
3	1-Docosene	308	C22H44	001599-67-3	83
4	Behenic alcohol	326	C22H46O	000661-19-8	76
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	70



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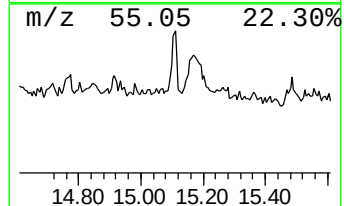
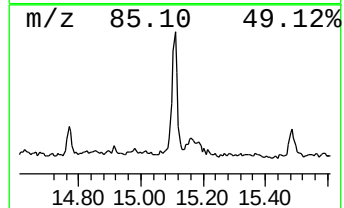
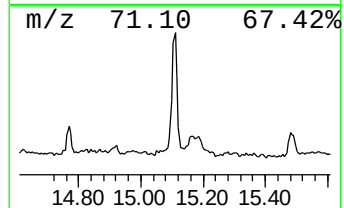
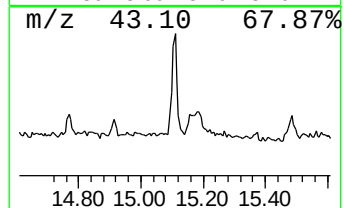
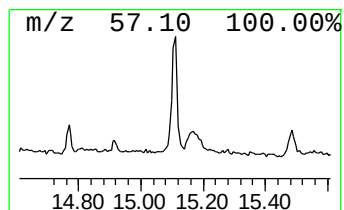
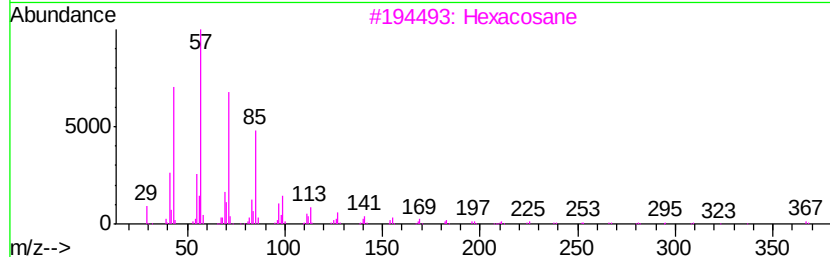
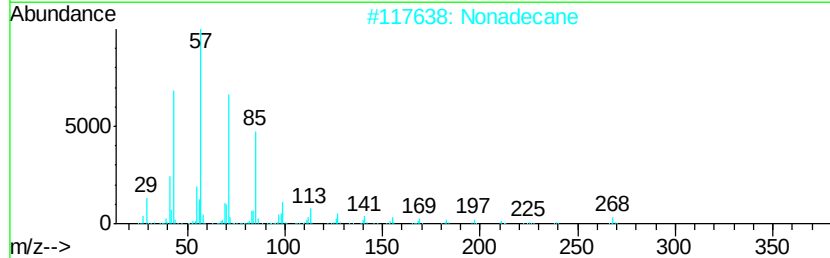
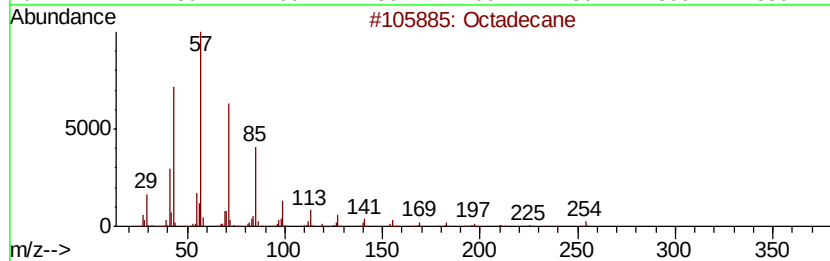
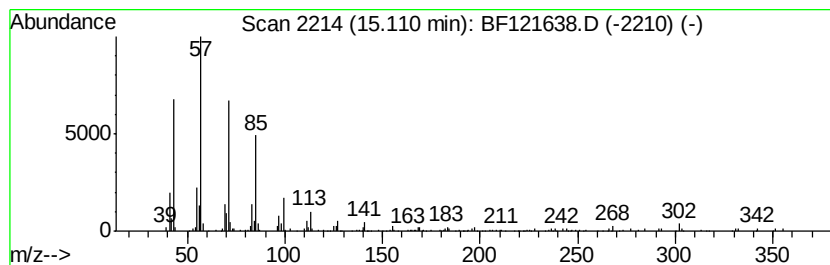
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.36 ng	172862	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexacosane	366	C26H54	000630-01-3	87
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	83
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121638.D
 Acq On : 21 Sep 2020 21:11
 Operator : JU/CG
 Sample : L4048-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

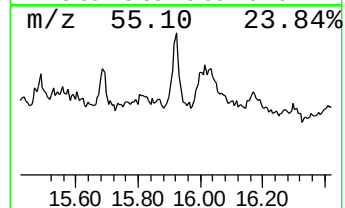
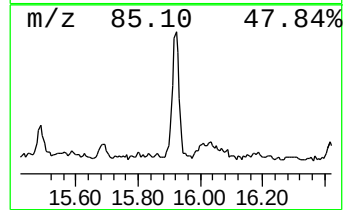
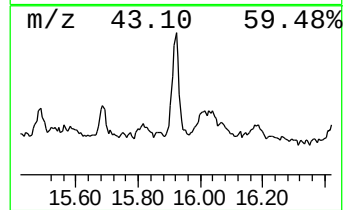
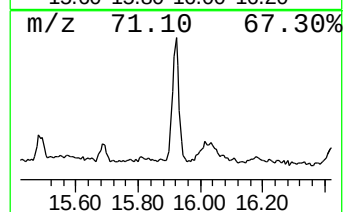
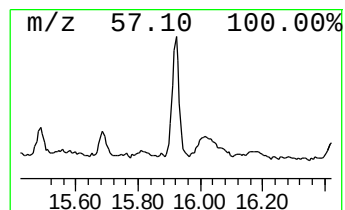
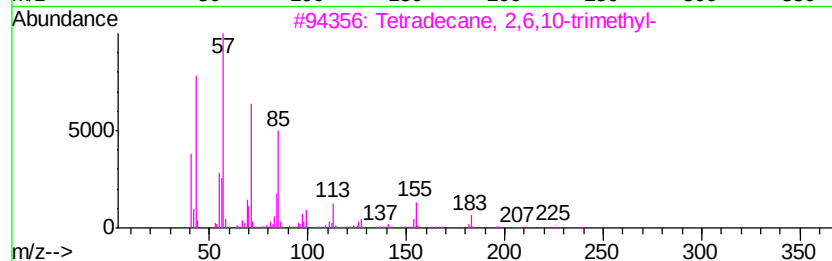
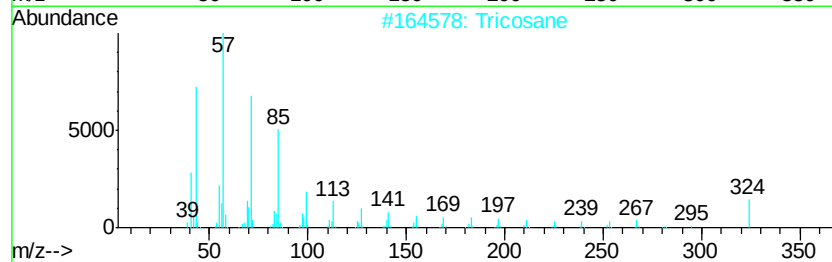
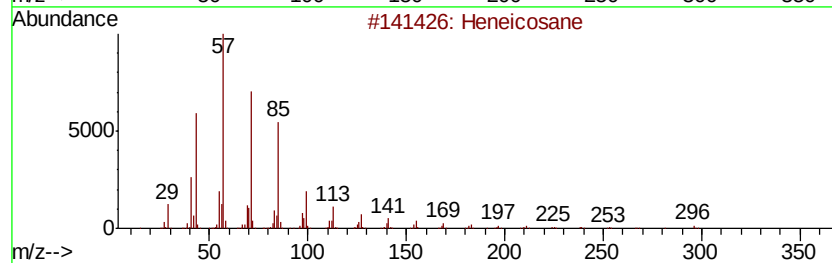
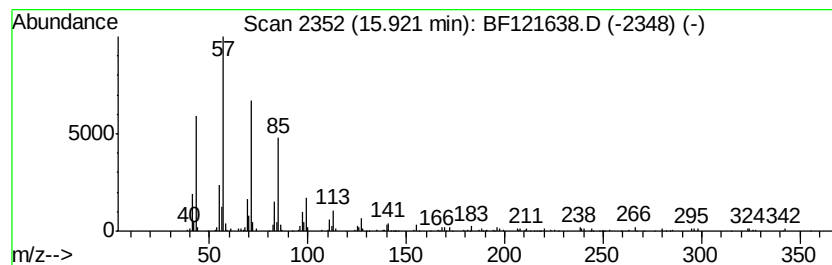
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.28 ng	220368	Perylene-d12	15.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	98
2	Tricosane		324	C23H48	000638-67-5	94
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	93
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	93
5	2-methyloctacosane		408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092120\
Data File : BF121638.D
Acq On : 21 Sep 2020 21:11
Operator : JU/CG
Sample : L4048-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
n-Hexadecanoic acid	11.88	2.0	ng	137405	4	11.35	1364450	20.0
Octadecanoic acid	12.67	4.4	ng	301880	4	11.35	1364450	20.0
Pyrene, 1-methyl-	13.19	2.0	ng	118836	5	13.99	1188050	20.0
1-Heneicosanol	13.85	9.7	ng	574850	5	13.99	1188050	20.0
1-Octadecene	14.50	2.9	ng	172911	5	13.99	1188050	20.0
Octadecane	15.11	3.4	ng	172862	6	15.45	1029330	20.0
Heneicosane	15.92	4.3	ng	220368	6	15.45	1029330	20.0