

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120103.D
 Acq On : 21 Apr 2020 15:41
 Operator : MA/SJ
 Sample : L2342-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

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-BF040820.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	5.293	540	545	548	rBV	2770181	2467282	75.00%	9.191%
2	6.328	716	721	724	rBV	2601601	2623458	79.74%	9.773%
3	6.693	779	783	786	rBV	795564	711828	21.64%	2.652%
4	6.846	805	809	813	rBV	2465755	2192123	66.63%	8.166%
5	7.257	874	879	882	rBV	2023929	1807427	54.94%	6.733%
6	7.975	997	1001	1004	rBV	1122112	944034	28.70%	3.517%
7	9.057	1180	1185	1188	rBV	3909586	3289867	100.00%	12.255%
8	9.451	1249	1252	1256	rVB	430821	337335	10.25%	1.257%
9	9.734	1294	1300	1303	rBV	1362642	1049788	31.91%	3.911%
10	10.281	1390	1393	1399	rVB	97266	81037	2.46%	0.302%
11	10.522	1430	1434	1437	rBV	2272144	1981552	60.23%	7.382%
12	11.216	1549	1552	1555	rBV	1189984	1126965	34.26%	4.198%
13	11.239	1555	1556	1560	rVV	518736	336873	10.24%	1.255%
14	11.292	1560	1565	1568	rVB	111823	90527	2.75%	0.337%
15	11.722	1634	1638	1640	rBV	85735	79328	2.41%	0.296%
16	11.757	1640	1644	1648	rVV2	304850	341591	10.38%	1.272%
17	11.792	1648	1650	1653	rVV2	53570	53441	1.62%	0.199%
18	11.828	1653	1656	1659	rVV	140379	157448	4.79%	0.587%
19	11.851	1659	1660	1665	rVB	68823	50614	1.54%	0.189%
20	12.269	1727	1731	1734	rBV	56256	55475	1.69%	0.207%
21	12.427	1754	1758	1762	rBV	362629	314689	9.57%	1.172%
22	12.539	1772	1777	1782	rBV2	116650	141116	4.29%	0.526%
23	12.657	1791	1797	1800	rBV	360757	330242	10.04%	1.230%
24	12.810	1819	1823	1826	rVB	3589811	3080427	93.63%	11.475%
25	12.880	1829	1835	1839	rBV2	30200	47207	1.43%	0.176%
26	12.986	1850	1853	1857	rVB	73135	76642	2.33%	0.286%
27	13.051	1857	1864	1867	rBV	75013	87968	2.67%	0.328%
28	13.092	1867	1871	1874	rBV	48086	48428	1.47%	0.180%
29	13.604	1954	1958	1961	rBV2	24107	38976	1.18%	0.145%
30	13.722	1973	1978	1995	rVB5	148446	322940	9.82%	1.203%
31	13.857	1995	2001	2004	rBV	970449	942195	28.64%	3.510%
32	13.880	2004	2005	2008	rVB	112952	64765	1.97%	0.241%
33	14.033	2029	2031	2038	rVB3	38729	42016	1.28%	0.157%
34	14.339	2080	2083	2085	rBV	69072	59591	1.81%	0.222%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.616	2126	2130	2132	rBV	95385	100656	3.06%	0.375%
36	14.639	2132	2134	2143	rVB2	75753	86122	2.62%	0.321%
37	14.868	2169	2173	2182	rBV2	81390	153515	4.67%	0.572%
38	14.951	2184	2187	2193	rVB2	64622	90473	2.75%	0.337%
39	15.151	2218	2221	2228	rVB	54193	59970	1.82%	0.223%
40	15.210	2228	2231	2236	rBV	70739	86370	2.63%	0.322%
41	15.268	2236	2241	2245	rBV	561849	652876	19.85%	2.432%
42	15.310	2245	2248	2252	rVB4	58881	81330	2.47%	0.303%
43	15.716	2313	2317	2322	rBV2	42156	57793	1.76%	0.215%
44	16.180	2393	2396	2402	rBV4	20148	37359	1.14%	0.139%
45	16.633	2469	2473	2480	rVB3	34062	62980	1.91%	0.235%

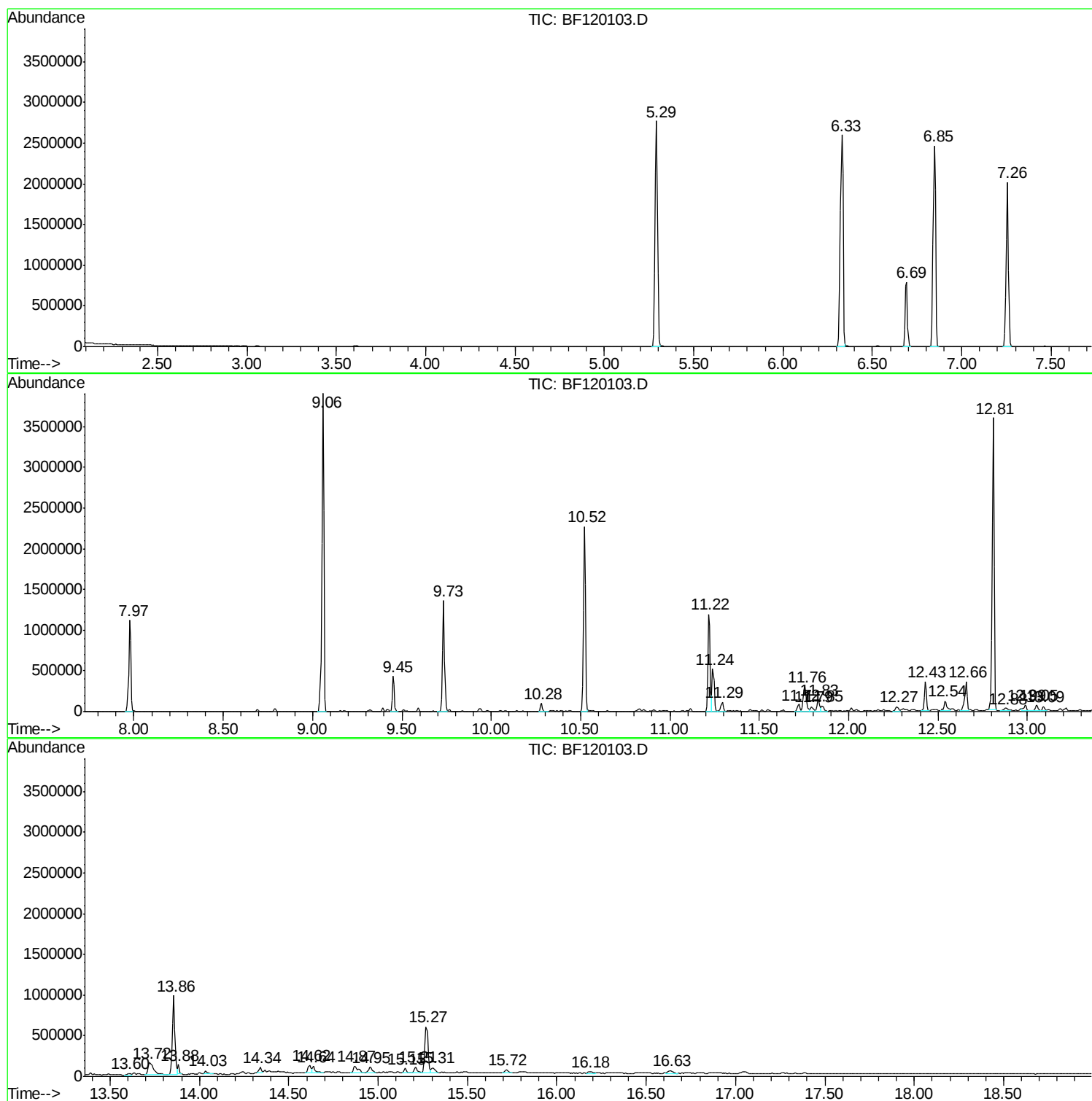
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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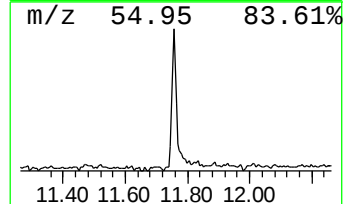
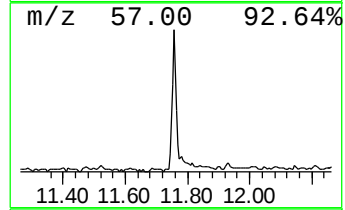
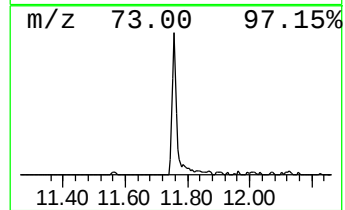
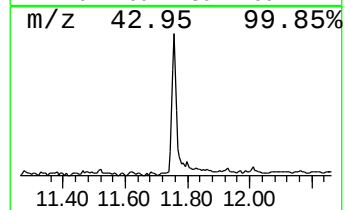
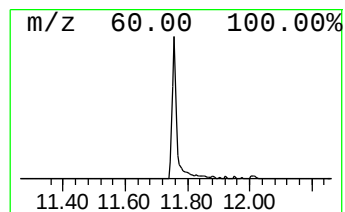
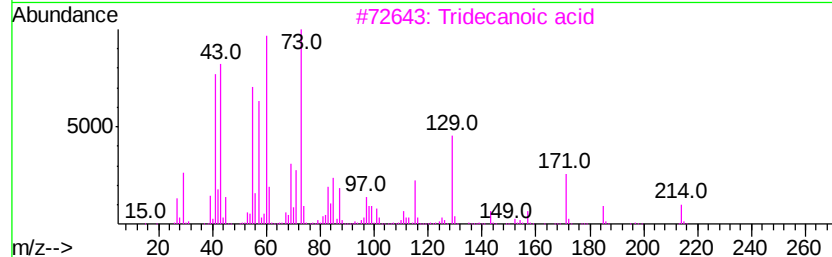
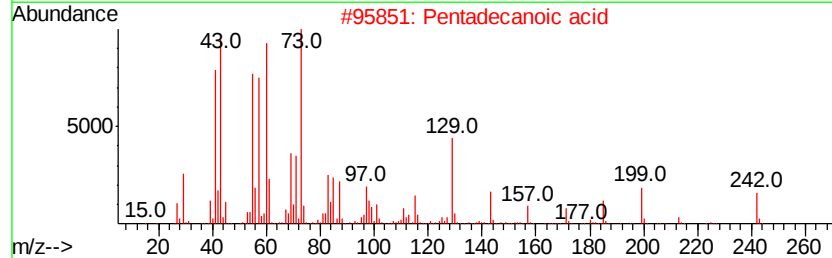
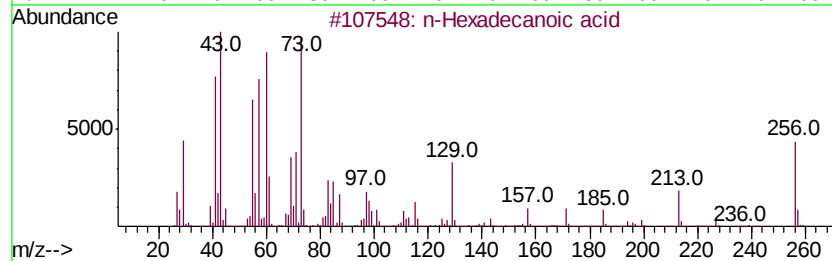
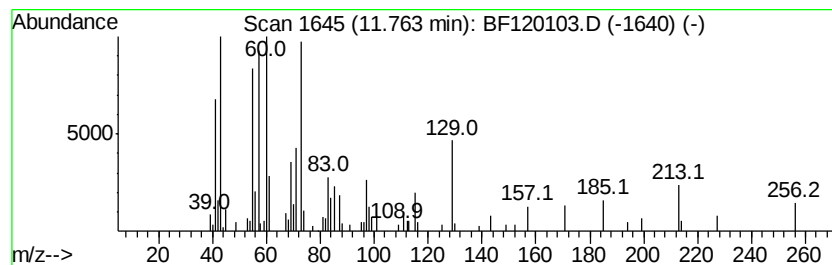
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.76	6.06 ng	341591	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



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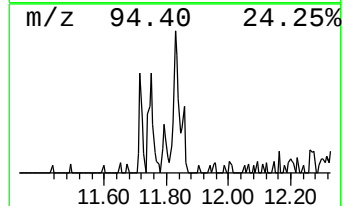
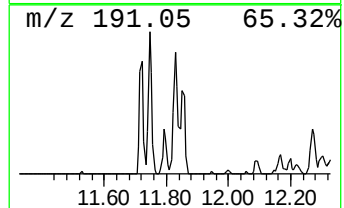
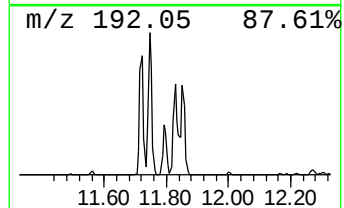
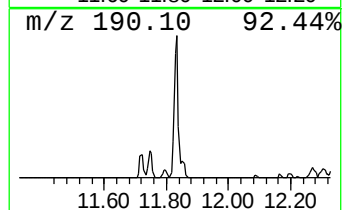
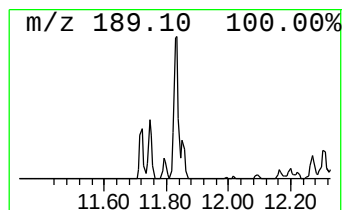
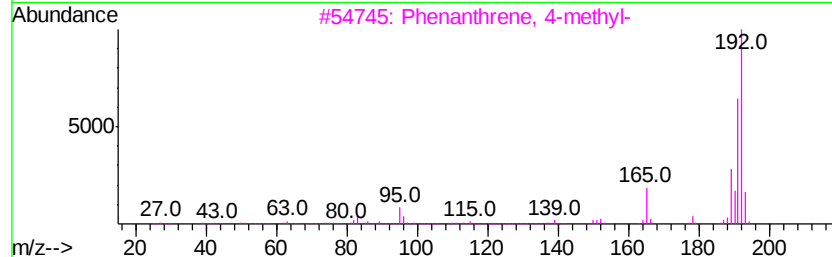
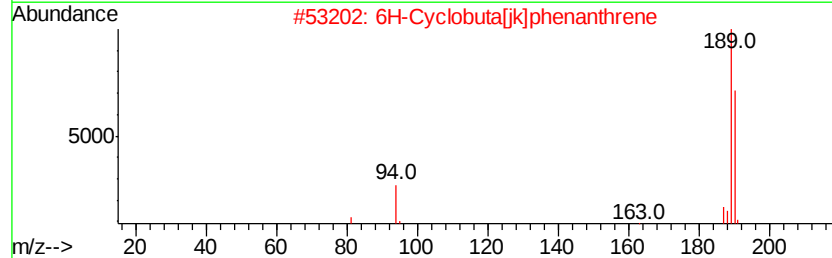
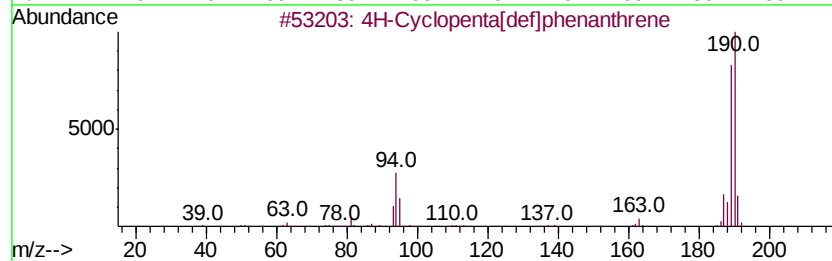
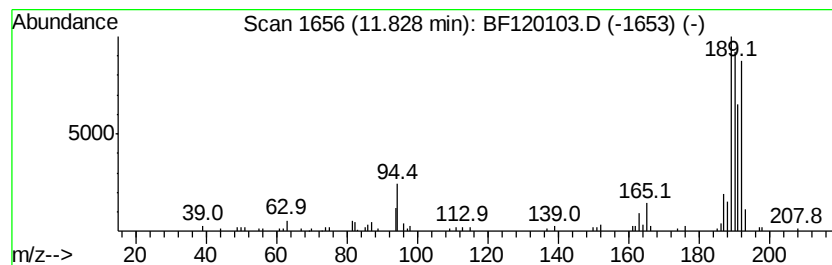
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	2.79 ng	157448	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



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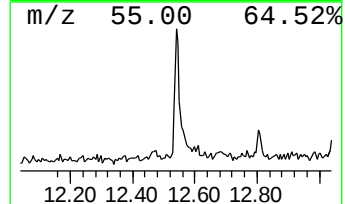
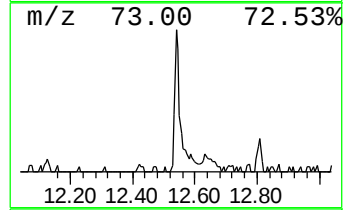
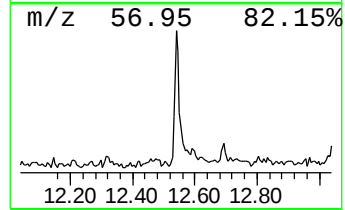
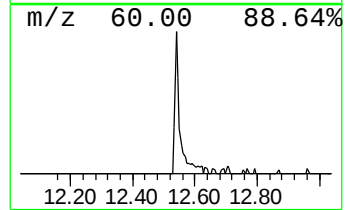
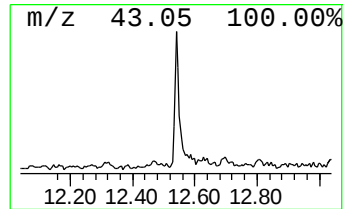
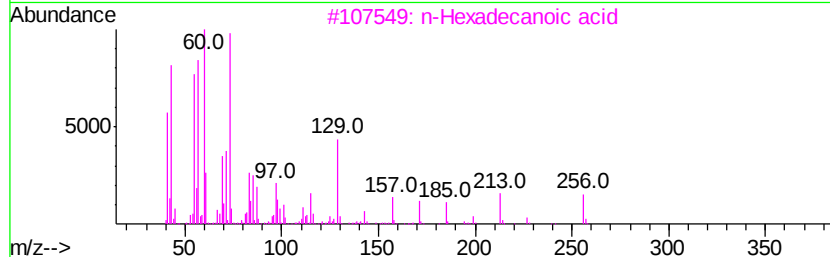
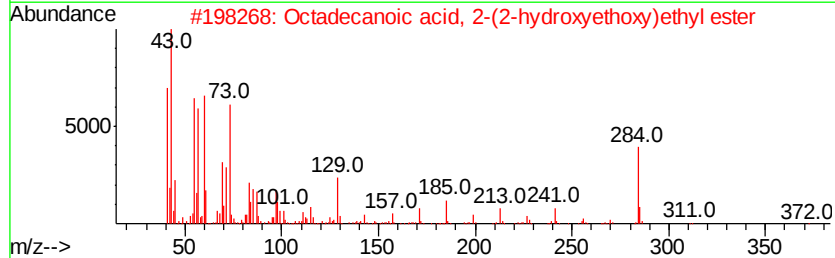
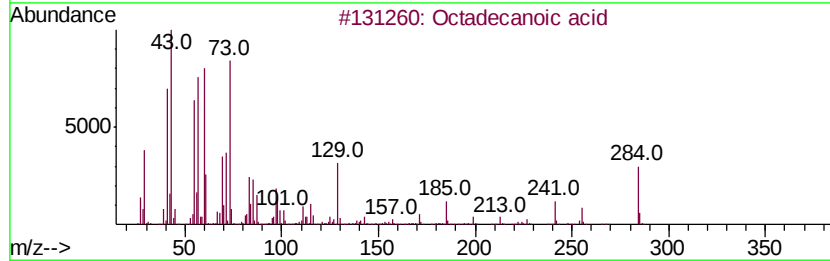
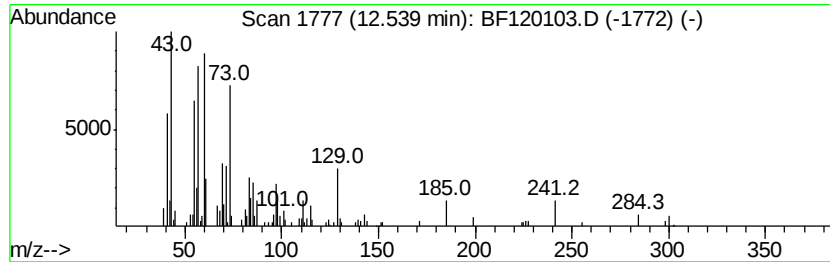
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	3.00 ng	141116	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4		Nonadecanoic acid	298	C19H38O2	000646-30-0	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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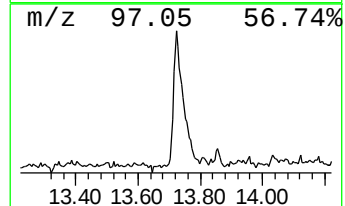
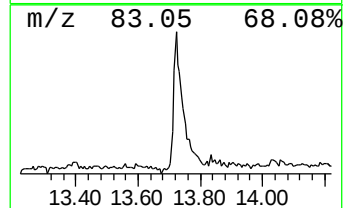
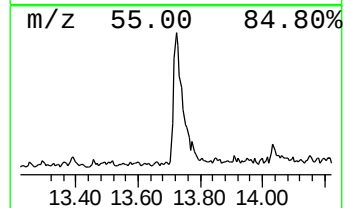
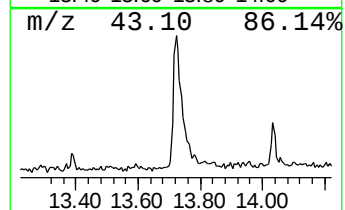
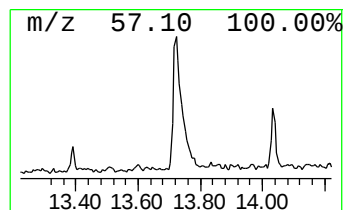
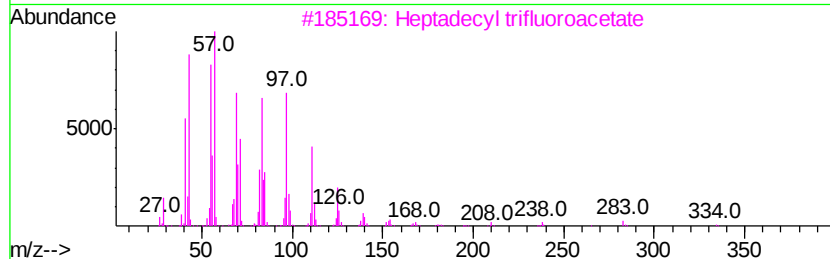
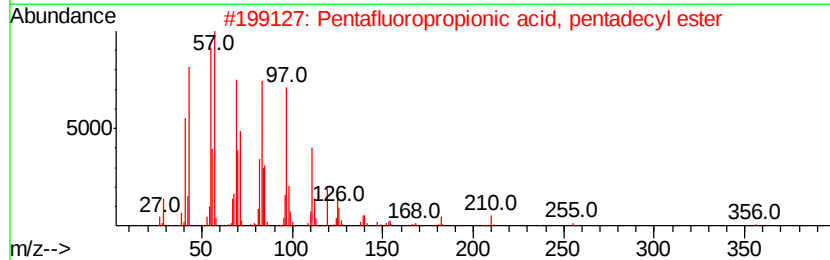
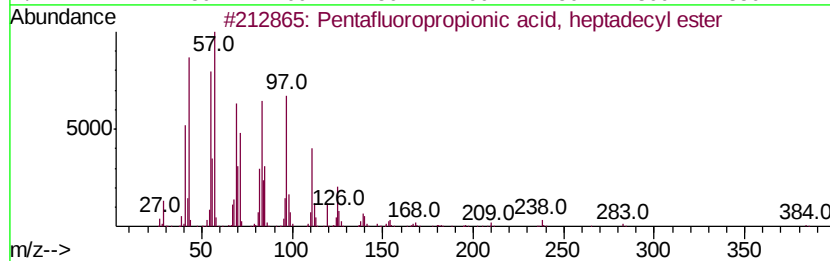
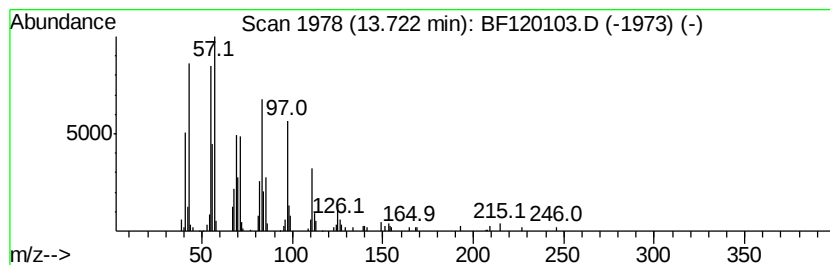
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.86 ng	322940	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5		Octacosanol	410	C28H58O	000557-61-9	91



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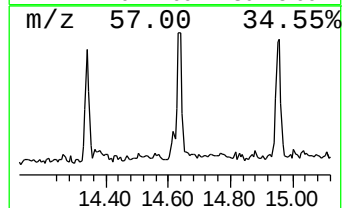
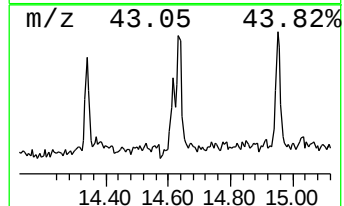
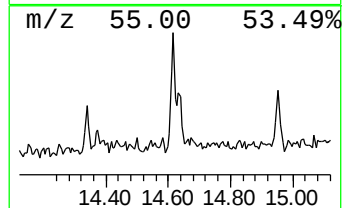
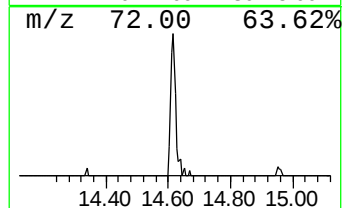
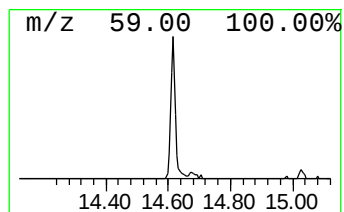
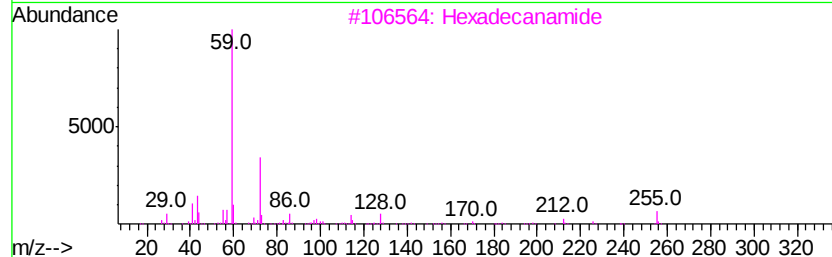
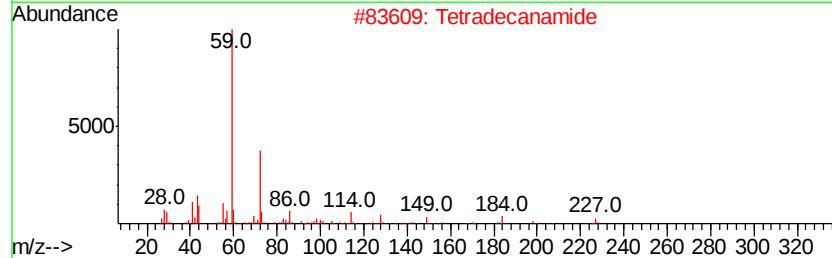
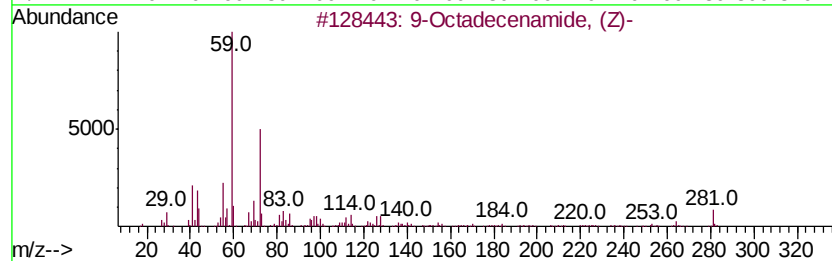
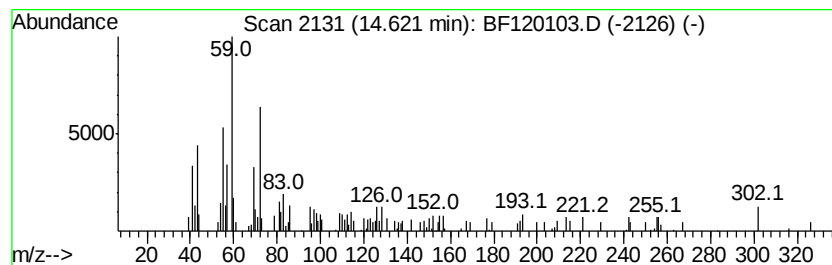
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	3.08 ng	100656	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		Tetradecanamide	227	C14H29NO	000638-58-4	80
3		Hexadecanamide	255	C16H33NO	000629-54-9	72
4		Octadecanamide	283	C18H37NO	000124-26-5	72
5		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120103.D
Acq On : 21 Apr 2020 15:41
Operator : MA/SJ
Sample : L2342-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

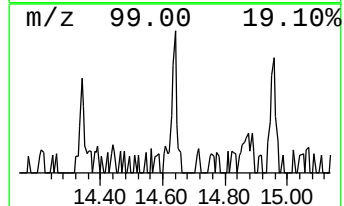
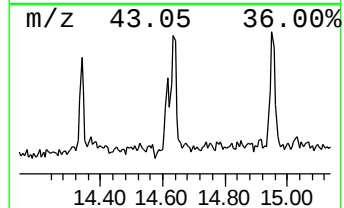
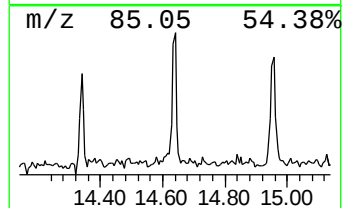
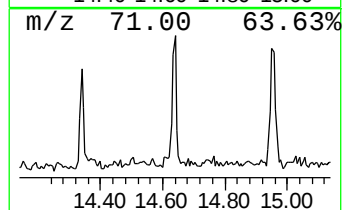
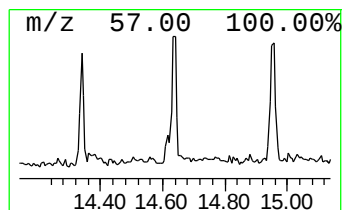
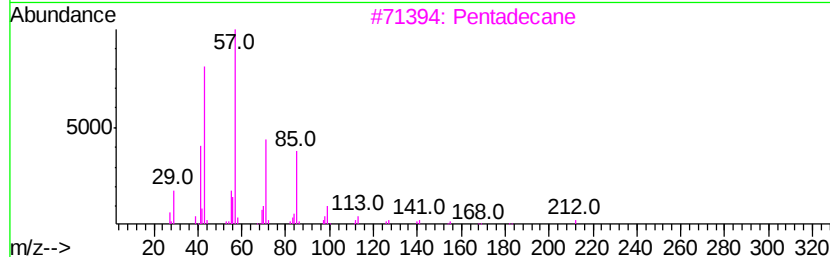
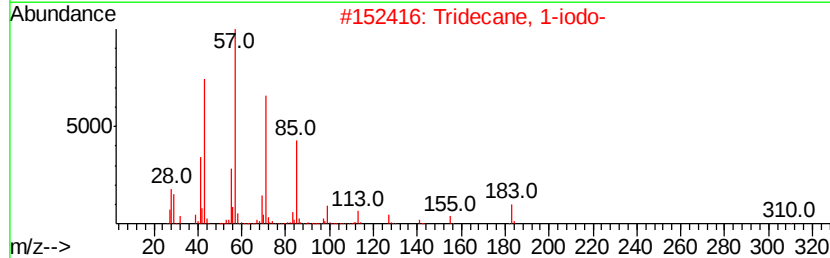
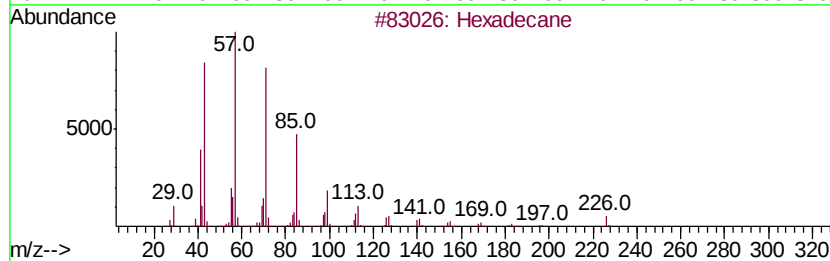
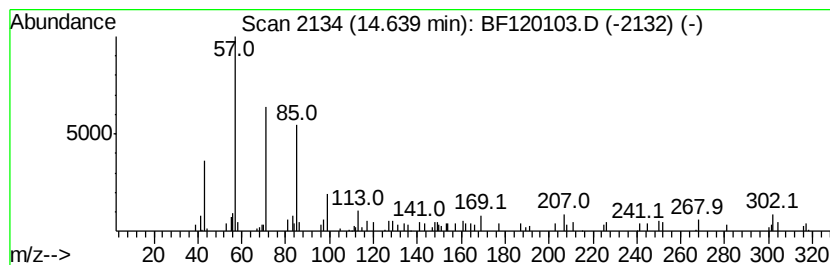
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
14.64	2.64 ng	86122	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	76
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	59
3	Pentadecane		212	C15H32	000629-62-9	59
4	3,5-Dimethyldodecane		198	C14H30	107770-99-0	59
5	Nonadecane		268	C19H40	000629-92-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120103.D
Acq On : 21 Apr 2020 15:41
Operator : MA/SJ
Sample : L2342-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

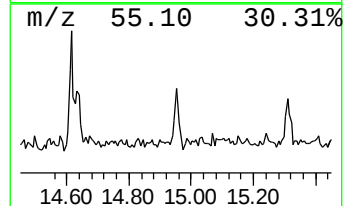
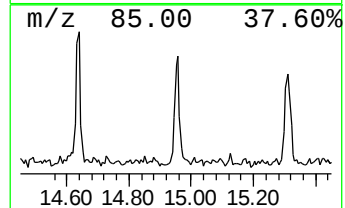
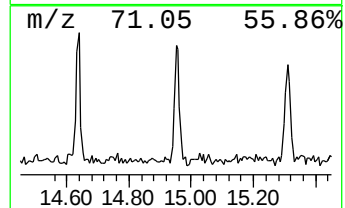
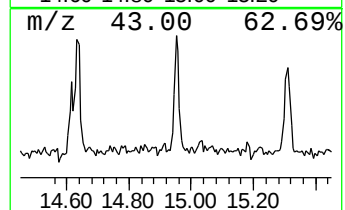
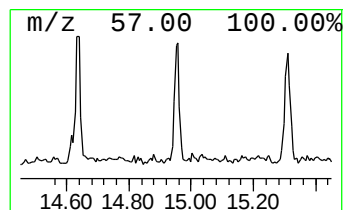
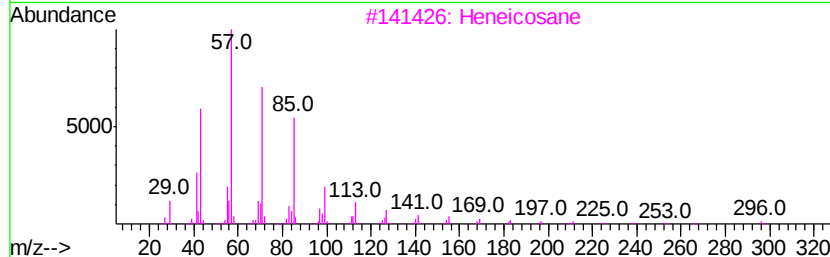
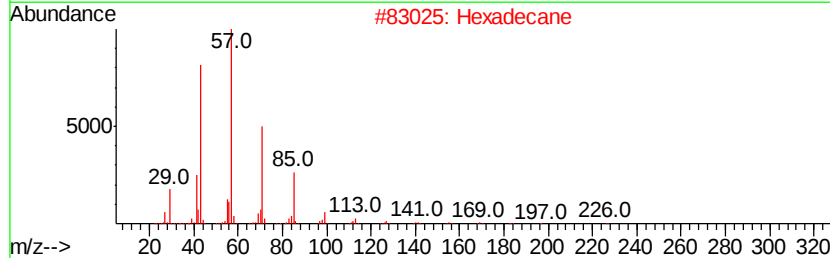
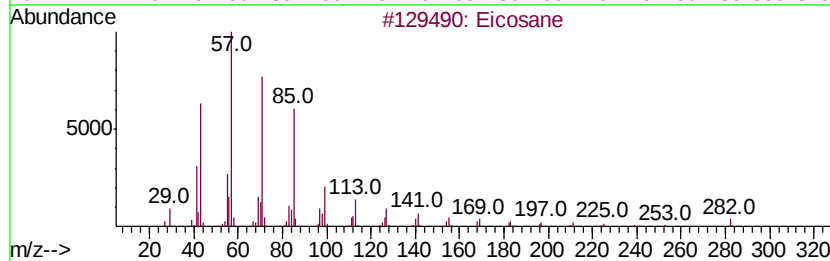
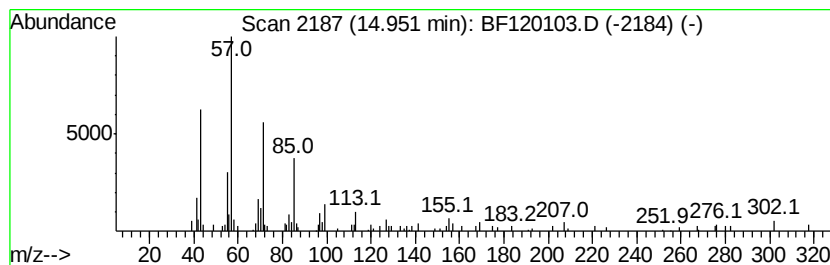
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.77 ng	90473	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Hexadecane		226	C16H34	000544-76-3	93
3	Heneicosane		296	C21H44	000629-94-7	87
4	Octacosane		394	C28H58	000630-02-4	83
5	Pentadecane, 2-methyl-		226	C16H34	001560-93-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042120\
Data File : BF120103.D
Acq On : 21 Apr 2020 15:41
Operator : MA/SJ
Sample : L2342-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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	11.76	6.1 ng		341591	4	11.22	1126970	20.0
4H-Cyclopenta[def...	11.83	2.8 ng		157448	4	11.22	1126970	20.0
Octadecanoic acid	12.54	3.0 ng		141116	5	13.86	942195	20.0
Pentafluoropropio...	13.72	6.9 ng		322940	5	13.86	942195	20.0
9-Octadecenamide,...	14.62	3.1 ng		100656	6	15.27	652876	20.0
Hexadecane	14.64	2.6 ng		86122	6	15.27	652876	20.0
Eicosane	14.95	2.8 ng		90473	6	15.27	652876	20.0