

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118972.D
 Acq On : 20 Feb 2020 21:40
 Operator : CG/JU
 Sample : L1546-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(11)

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-BF022020.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	2.169	10	14	23	rVB	54788	75214	1.35%	0.180%
2	4.993	491	494	505	rVB	111674	168133	3.01%	0.403%
3	5.393	557	562	565	rBV	4463886	4510225	80.85%	10.814%
4	6.404	729	734	737	rBV	4066123	4584618	82.18%	10.993%
5	6.757	790	794	798	rBV	1367116	1141710	20.47%	2.737%
6	6.916	816	821	824	rBV	4441749	4120436	73.86%	9.880%
7	7.322	884	890	893	rBV	3017144	3187392	57.13%	7.642%
8	8.039	1007	1012	1015	rBV	1701028	1461682	26.20%	3.505%
9	9.116	1189	1195	1198	rBV	5953608	5578825	100.00%	13.376%
10	9.504	1258	1261	1265	rBV	263369	208197	3.73%	0.499%
11	9.786	1304	1309	1313	rBV	1763609	1650738	29.59%	3.958%
12	10.575	1438	1443	1447	rBV	3408884	3506791	62.86%	8.408%
13	11.269	1557	1561	1564	rBV	1696021	1491316	26.73%	3.576%
14	11.292	1564	1565	1568	rVB	152394	91039	1.63%	0.218%
15	11.504	1596	1601	1606	rBV2	57023	78191	1.40%	0.187%
16	11.769	1642	1646	1648	rBV	56259	61662	1.11%	0.148%
17	11.804	1648	1652	1656	rVV	365210	365142	6.55%	0.875%
18	12.051	1691	1694	1699	rBV3	92245	98627	1.77%	0.236%
19	12.480	1762	1767	1770	rBV	224889	217271	3.89%	0.521%
20	12.580	1781	1784	1789	rBV2	85082	105362	1.89%	0.253%
21	12.710	1800	1806	1808	rBV	195842	202327	3.63%	0.485%
22	12.851	1826	1830	1834	rBV	4296060	4307294	77.21%	10.328%
23	13.427	1923	1928	1936	rBV4	37912	72917	1.31%	0.175%
24	13.751	1979	1983	1994	rVB3	326513	411925	7.38%	0.988%
25	13.904	2004	2009	2012	rBV	1302080	1291285	23.15%	3.096%
26	14.074	2035	2038	2041	rVB	73439	63317	1.13%	0.152%
27	14.380	2086	2090	2094	rBV3	123351	146719	2.63%	0.352%
28	14.674	2137	2140	2144	rVB	146791	129702	2.32%	0.311%
29	14.745	2149	2152	2155	rVB	96368	89298	1.60%	0.214%
30	14.810	2160	2163	2166	rBV4	48760	59466	1.07%	0.143%
31	14.921	2179	2182	2190	rBV	105502	173313	3.11%	0.416%
32	14.992	2191	2194	2197	rBV	167646	185785	3.33%	0.445%
33	15.210	2229	2231	2235	rVB	59788	58638	1.05%	0.141%
34	15.268	2238	2241	2246	rBV	81528	107069	1.92%	0.257%

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Stop Thrs : 0 Peak Location: TOP

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35	15.327	2247	2251	2266	rVB	975483	1446519	25.93%	3.468%
36	15.762	2321	2325	2330	rVB	128603	177880	3.19%	0.427%
37	16.239	2403	2406	2411	rVB2	57216	80745	1.45%	0.194%

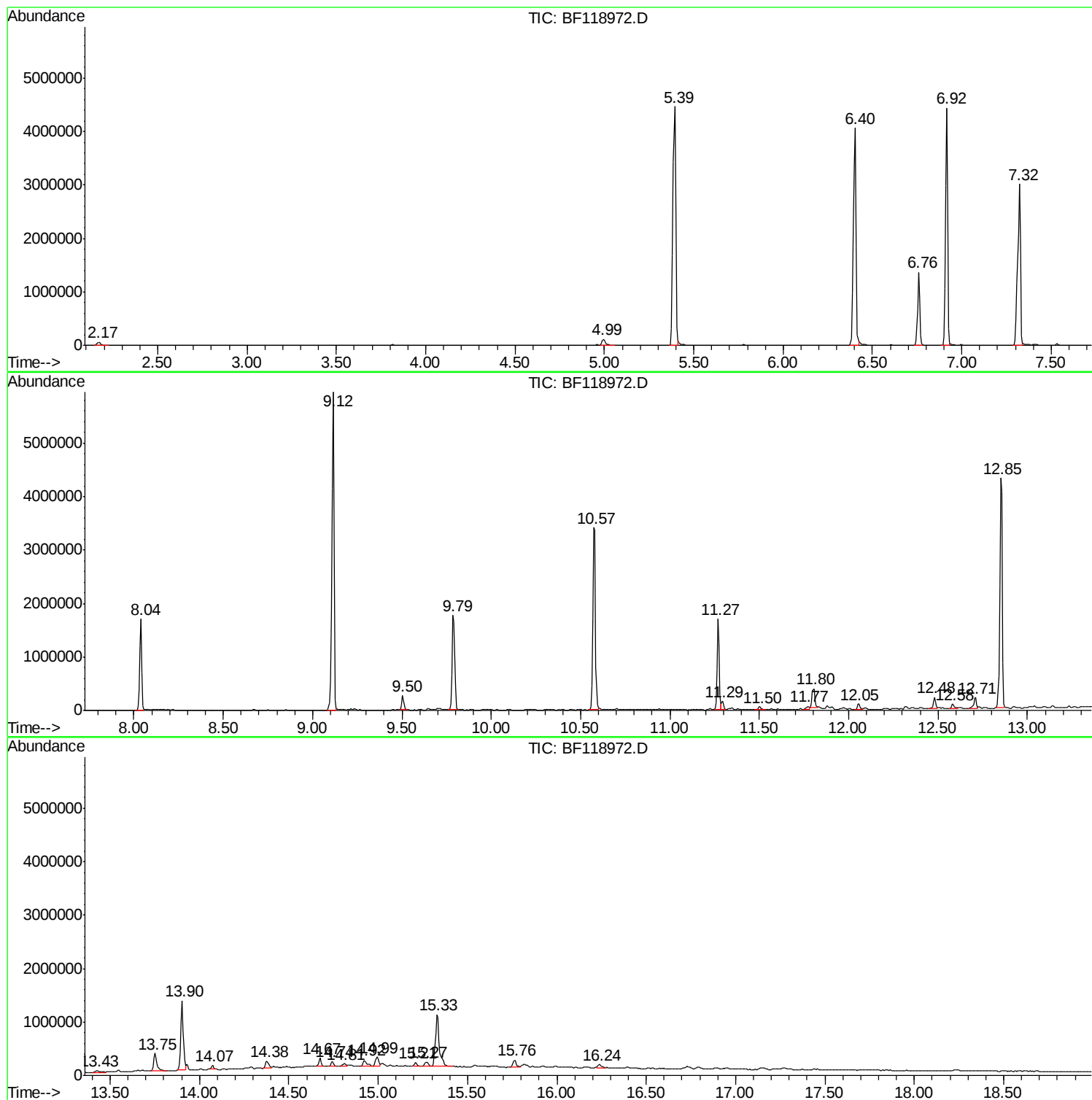
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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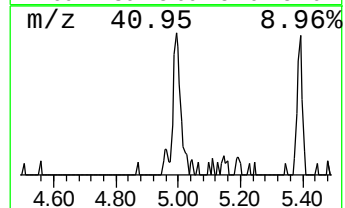
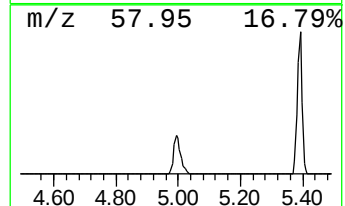
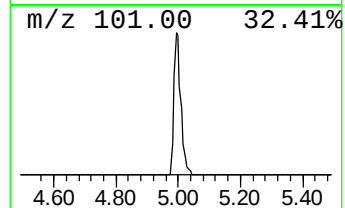
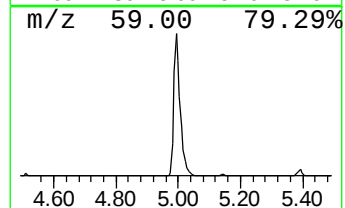
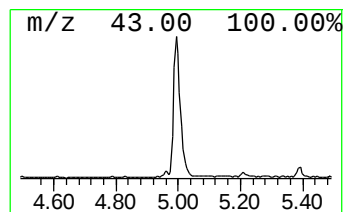
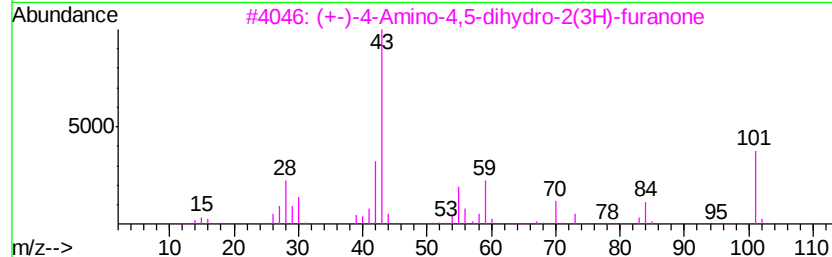
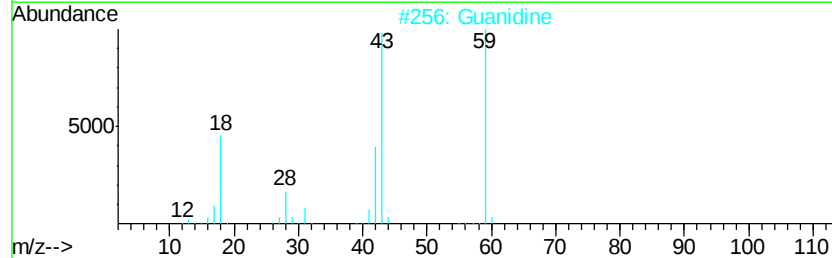
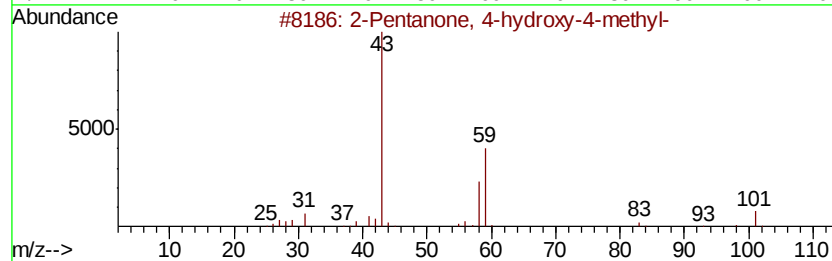
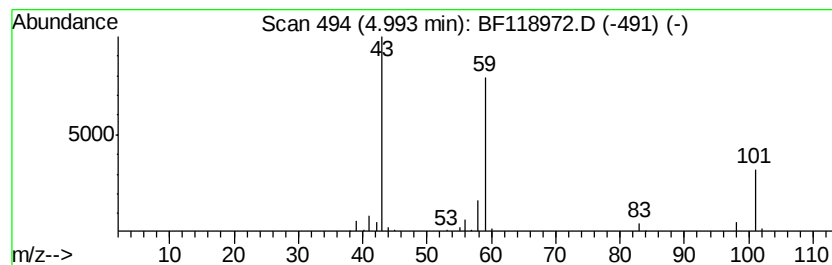
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.95 ng	168133	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Guanidine	59	CH5N3	000113-00-8	50
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	38
4			5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	34
5			1,2-Butanediol	90	C4H10O2	000584-03-2	28



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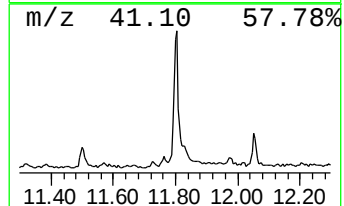
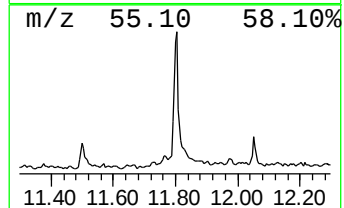
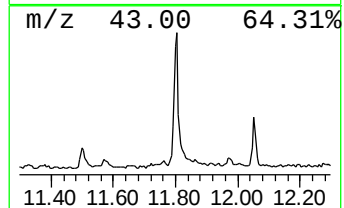
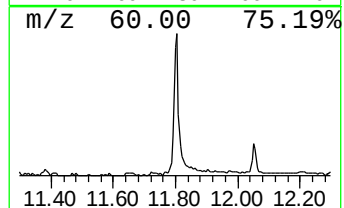
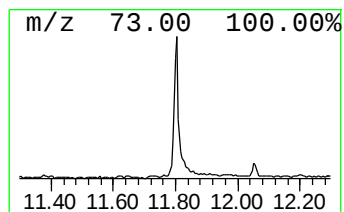
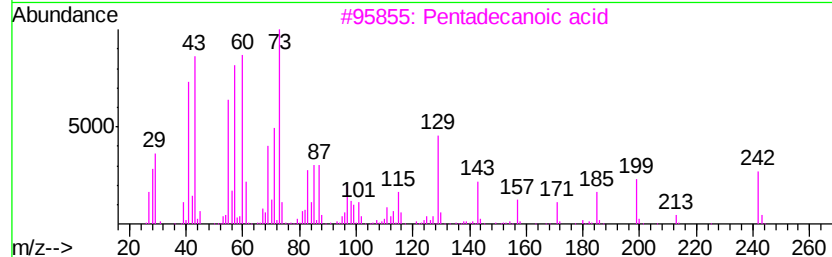
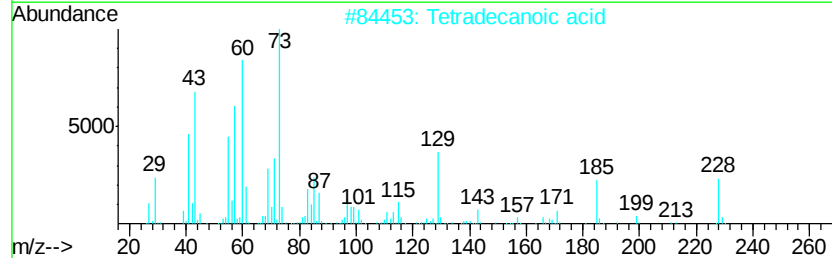
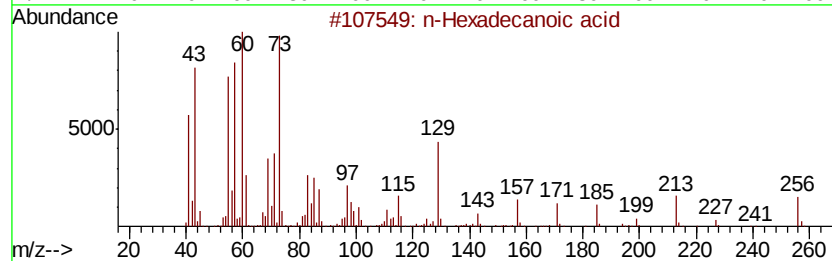
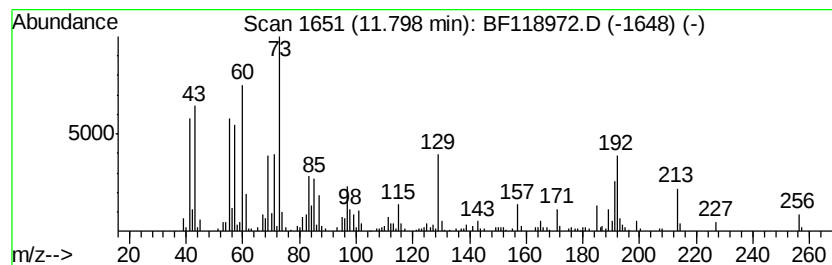
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.90 ng	365142	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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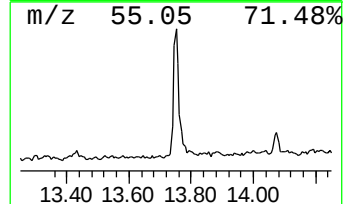
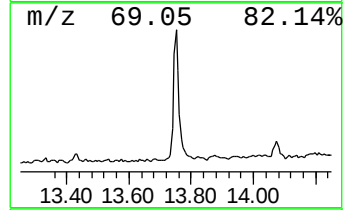
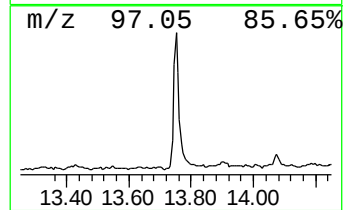
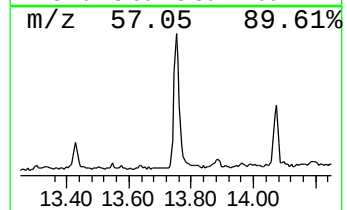
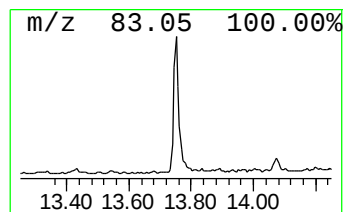
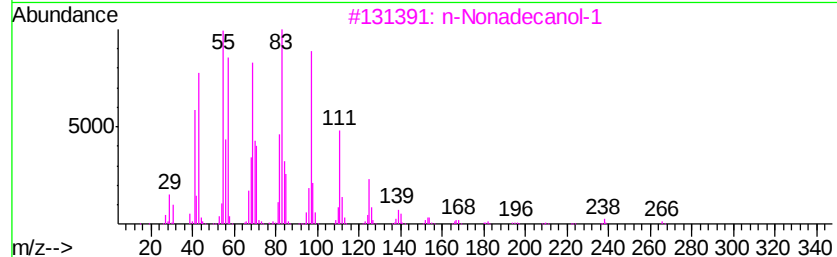
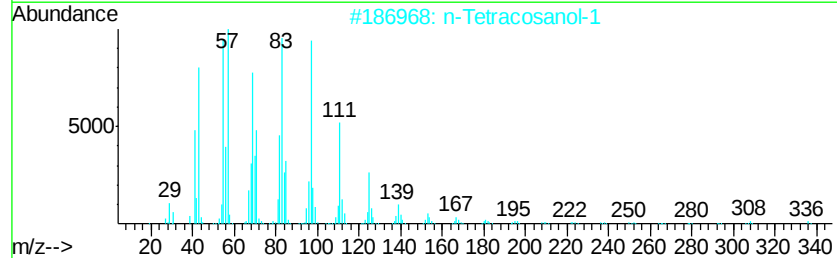
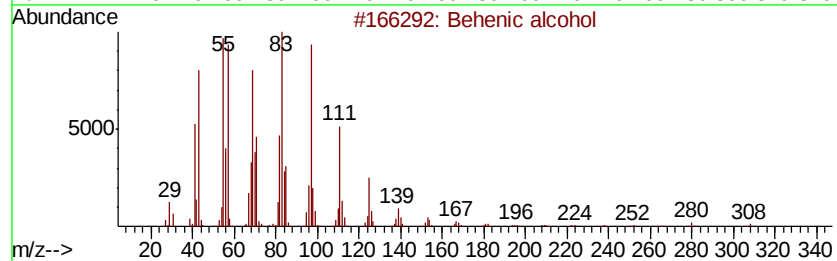
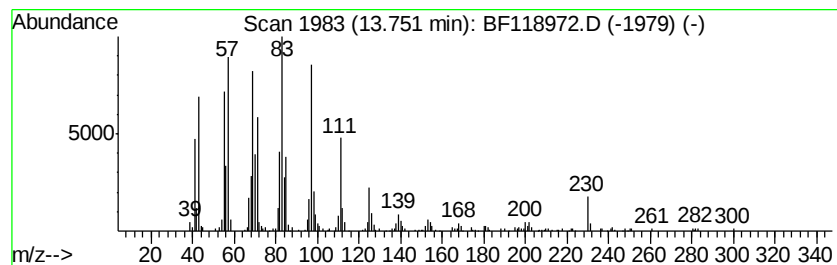
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 Peak Number 4 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.75	6.38 ng	411925	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93



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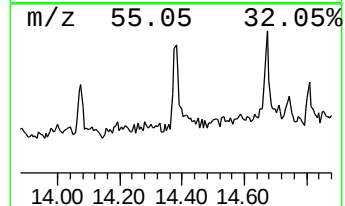
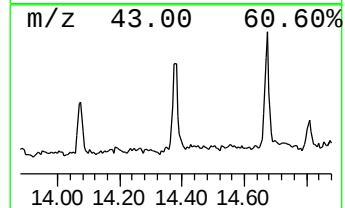
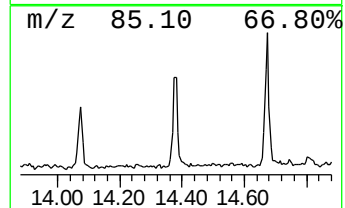
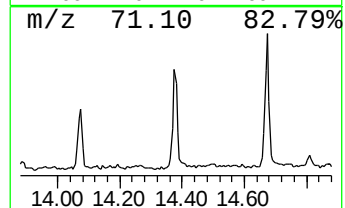
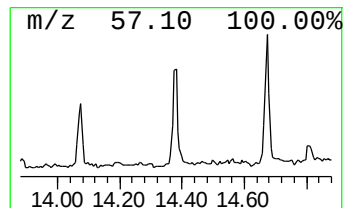
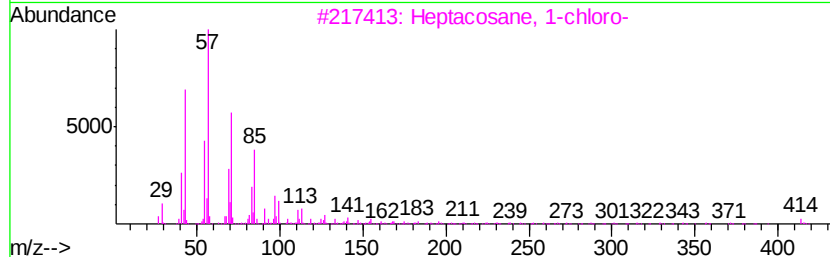
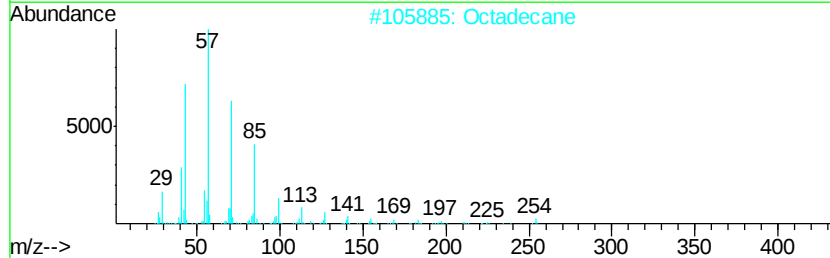
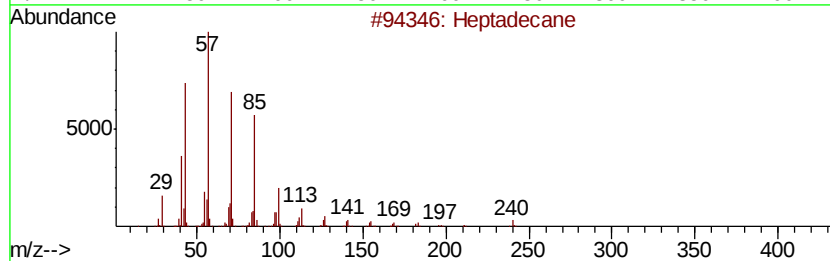
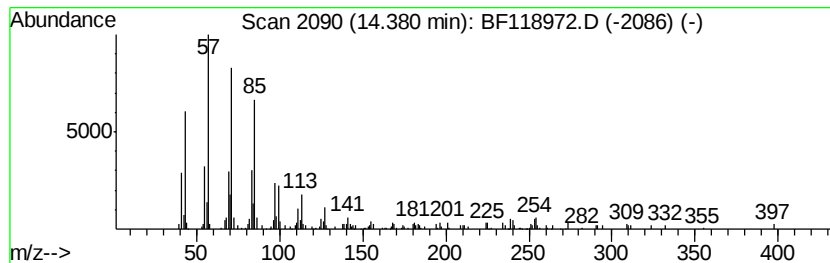
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.27 ng	146719	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Octadecane		254	C18H38	000593-45-3	93
3	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	91
4	Sulfurous acid, butyl heptadecyl...		376	C21H44O3S	1000309-18-4	87
5	Sulfurous acid, butyl tridecyl e...		320	C17H36O3S	1000309-18-0	87



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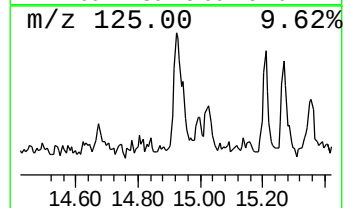
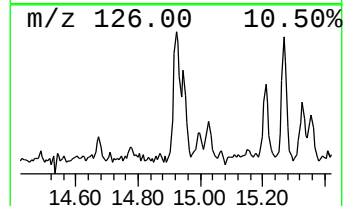
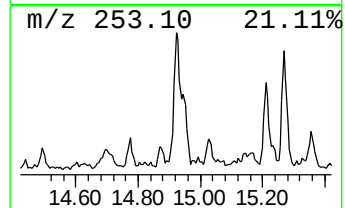
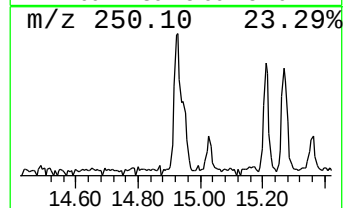
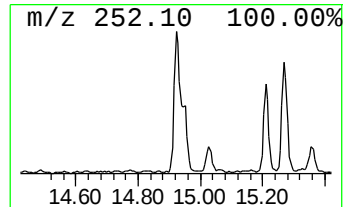
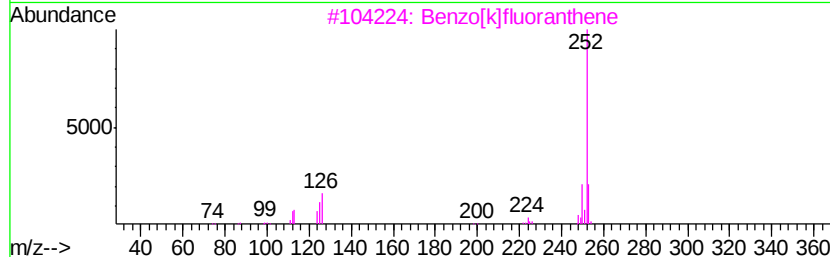
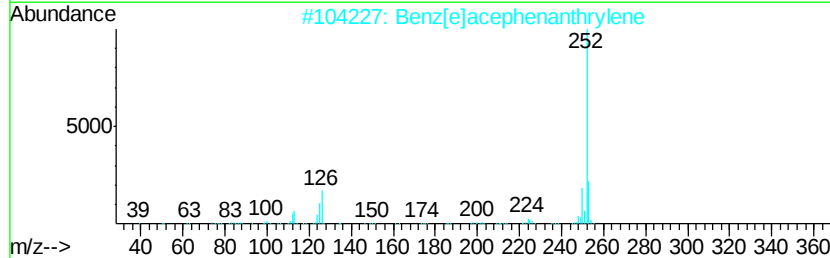
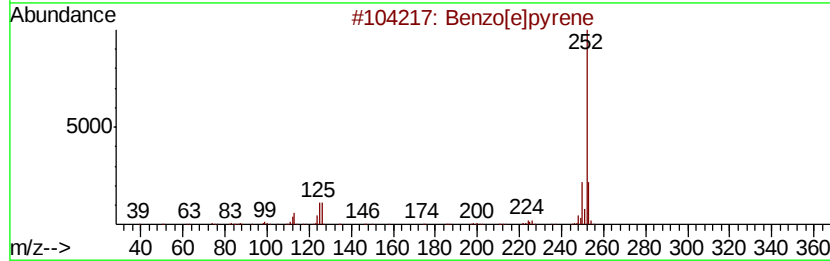
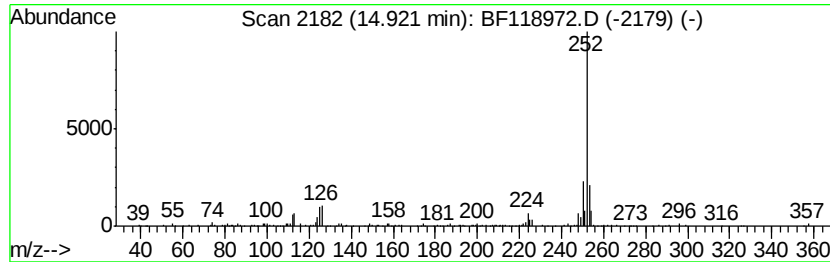
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Peak Number 6 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.40 ng	173313	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4		Benzo[a]pyrene	252	C20H12	000050-32-8	89
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118972.D
Acq On : 20 Feb 2020 21:40
Operator : CG/JU
Sample : L1546-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

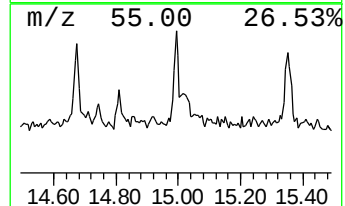
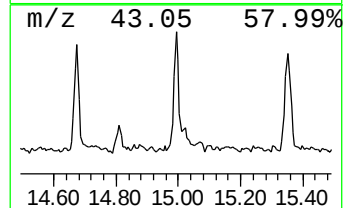
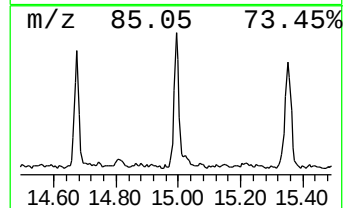
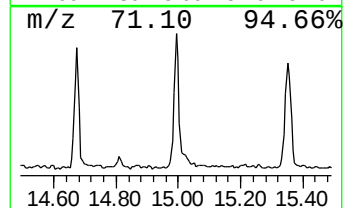
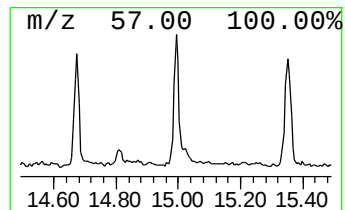
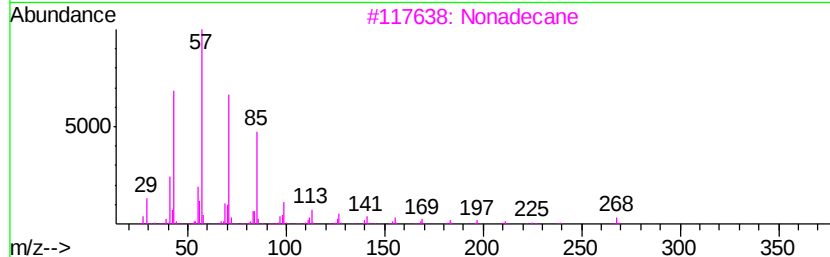
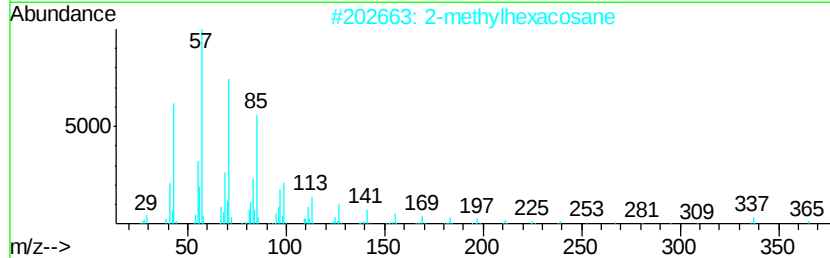
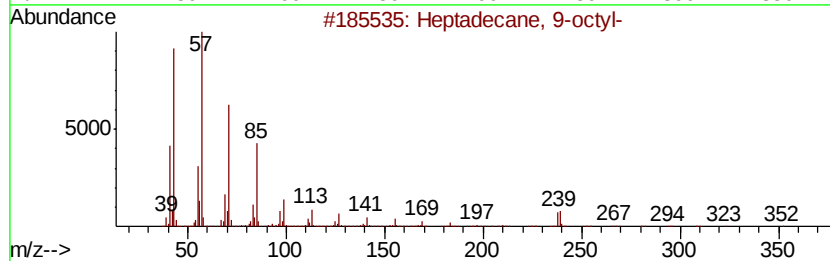
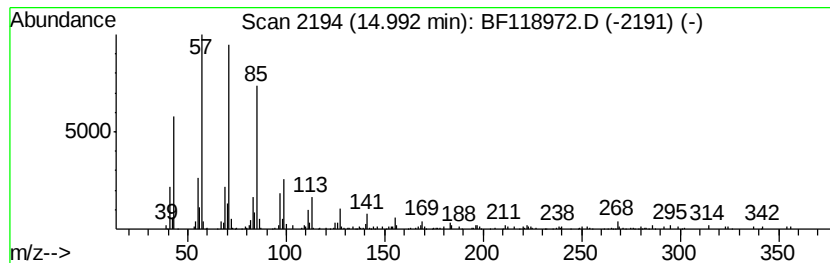
Instrument :
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ClientSampleId :
INDIAN-ISLAND-(11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.57 ng	185785	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 91
2		2-methylhexacosane	380 C27H56	1000376-72-7 91
3		Nonadecane	268 C19H40	000629-92-5 90
4		Eicosane, 7-hexyl-	366 C26H54	055333-99-8 90
5		Heneicosane	296 C21H44	000629-94-7 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118972.D
Acq On : 20 Feb 2020 21:40
Operator : CG/JU
Sample : L1546-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(11)

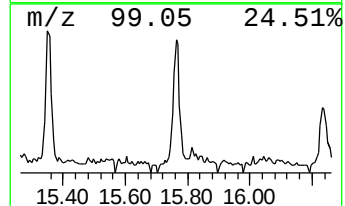
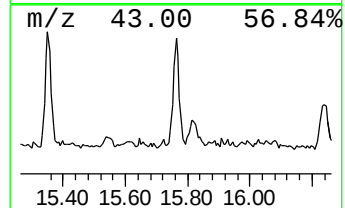
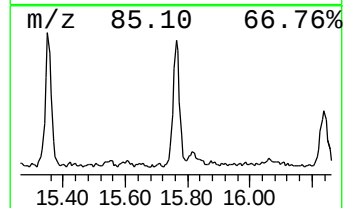
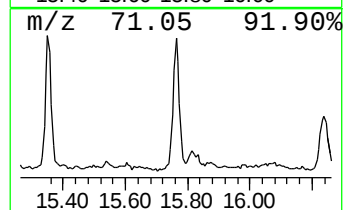
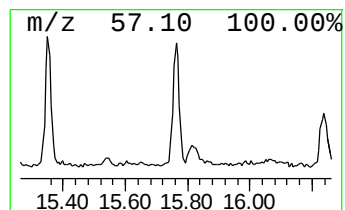
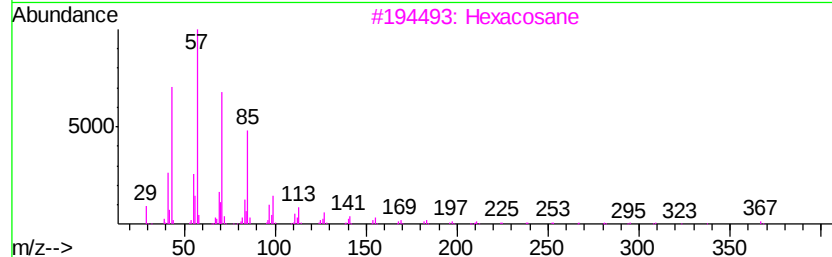
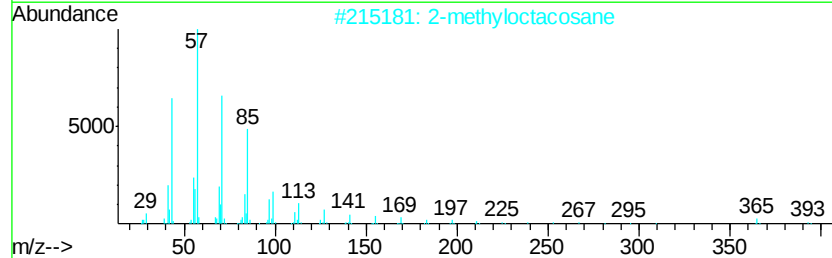
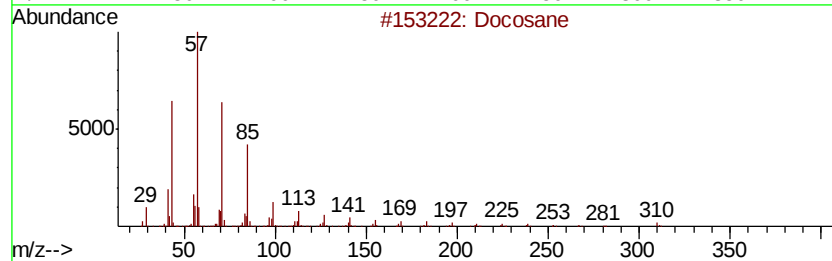
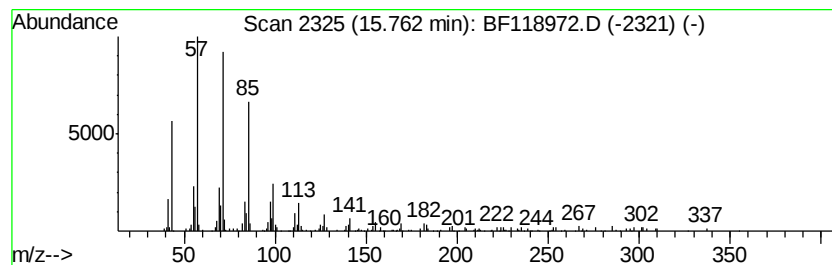
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.46 ng	177880	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	92
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
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Acq On : 20 Feb 2020 21:40
Operator : CG/JU
Sample : L1546-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
2-Pentanone, 4-hy...	4.99	3.0	ng	168133	1	6.76	1141710	20.0
n-Hexadecanoic acid	11.80	4.9	ng	365142	4	11.27	1491320	20.0
Behenic alcohol	13.75	6.4	ng	411925	5	13.90	1291290	20.0
Heptadecane	14.38	2.3	ng	146719	5	13.90	1291290	20.0
Benzo[e]pyrene	14.92	2.4	ng	173313	6	15.33	1446520	20.0
Heptadecane, 9-oc...	14.99	2.6	ng	185785	6	15.33	1446520	20.0
Docosane	15.76	2.5	ng	177880	6	15.33	1446520	20.0