

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096190.D
 Acq On : 24 Jun 2017 15:04
 Operator : SJ/MA
 Sample : I3851-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-36-0-1.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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	1.540	7	9	34	rVB	645662	1163856	66.37%	8.335%
2	4.416	494	498	515	rBV	67688	198156	11.30%	1.419%
3	5.145	618	622	652	rBV	543811	1365896	77.90%	9.781%
4	6.839	907	910	920	rBV	622096	1165186	66.45%	8.344%
5	6.922	920	924	943	rVB	961531	1753478	100.00%	12.557%
6	7.263	978	982	992	rBV	246712	344195	19.63%	2.465%
7	7.498	1017	1022	1047	rVB	743064	1013147	57.78%	7.255%
8	8.186	1135	1139	1159	rBV	503563	833555	47.54%	5.969%
9	9.298	1324	1328	1342	rBV	286980	448981	25.61%	3.215%
10	11.074	1625	1630	1643	rBV	1019779	1269413	72.39%	9.091%
11	11.774	1745	1749	1761	rBV	93593	133329	7.60%	0.955%
12	12.116	1802	1807	1813	rBV2	324752	420007	23.95%	3.008%
13	12.163	1813	1815	1820	rVB3	14724	18674	1.06%	0.134%
14	12.974	1946	1953	1957	rBV	17995	23877	1.36%	0.171%
15	13.415	2024	2028	2044	rBV	421814	657316	37.49%	4.707%
16	13.745	2079	2084	2091	rVB3	19155	35855	2.04%	0.257%
17	14.509	2210	2214	2218	rVV	279891	352654	20.11%	2.525%
18	14.551	2218	2221	2230	rVB	48946	76033	4.34%	0.544%
19	14.651	2234	2238	2244	rVB	18280	26859	1.53%	0.192%
20	15.374	2358	2361	2367	rBV2	17298	23068	1.32%	0.165%
21	15.545	2384	2390	2398	rVB6	54682	90338	5.15%	0.647%
22	16.145	2488	2492	2494	rBV3	15971	18453	1.05%	0.132%
23	16.345	2523	2526	2532	rVV	117147	135742	7.74%	0.972%
24	16.651	2574	2578	2583	rBV	176720	220292	12.56%	1.578%
25	16.898	2615	2620	2628	rBV	845713	955160	54.47%	6.840%
26	17.086	2649	2652	2654	rBV5	14871	18052	1.03%	0.129%
27	17.262	2679	2682	2685	rBV3	22916	31114	1.77%	0.223%
28	17.568	2731	2734	2738	rBV6	21359	30811	1.76%	0.221%
29	18.162	2832	2835	2841	rBV4	48662	76349	4.35%	0.547%
30	18.250	2845	2850	2854	rBV2	375348	485747	27.70%	3.479%
31	19.292	3024	3027	3031	rVB	86590	89673	5.11%	0.642%
32	19.527	3064	3067	3071	rBV	97389	135557	7.73%	0.971%
33	19.821	3115	3117	3122	rVB	62212	60596	3.46%	0.434%
34	19.933	3132	3136	3142	rBV	232905	292709	16.69%	2.096%

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-36-0-1.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

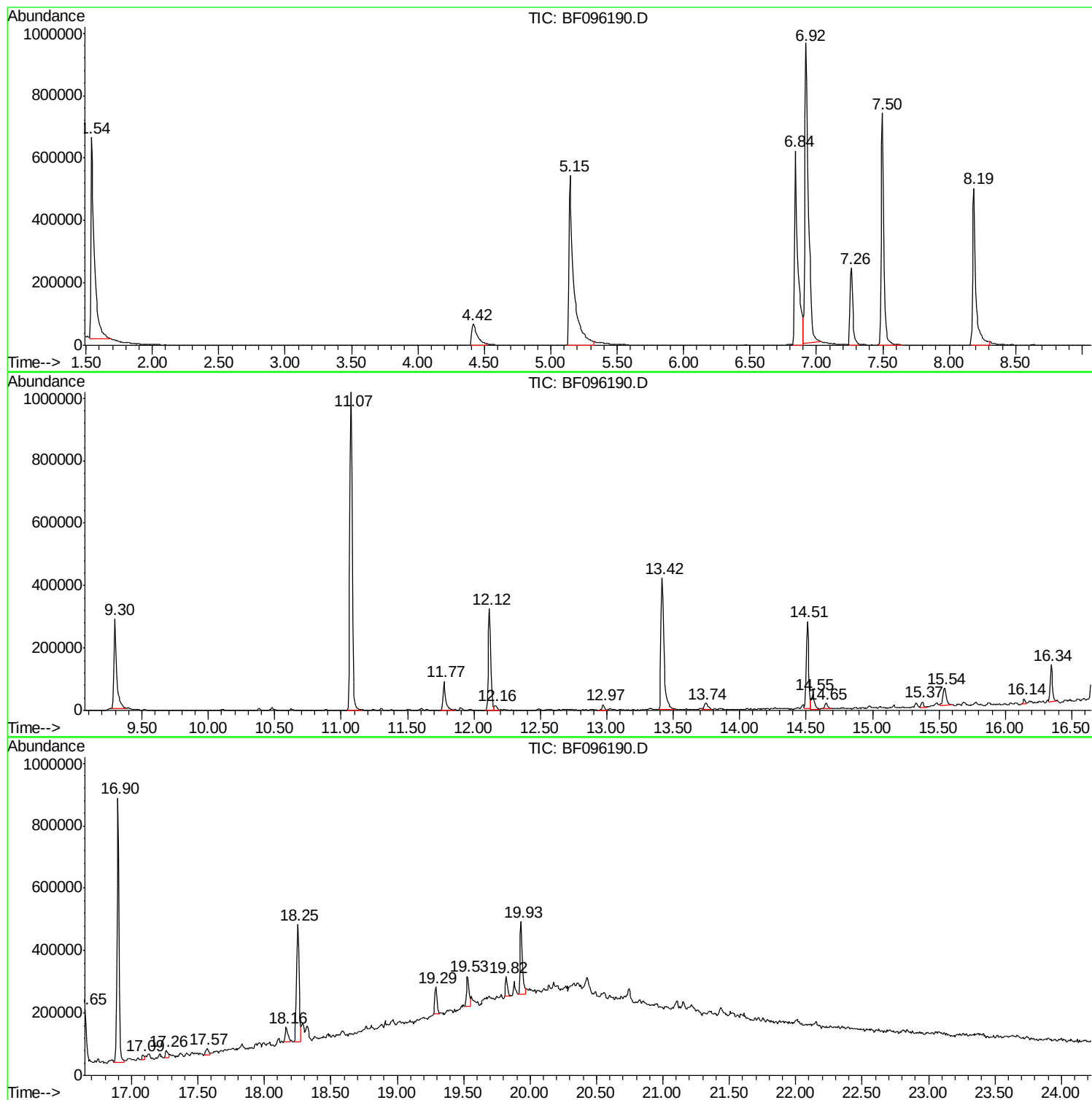
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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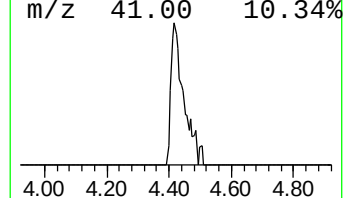
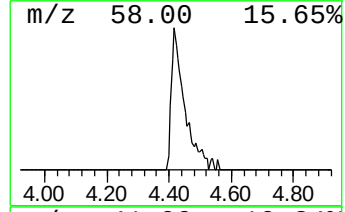
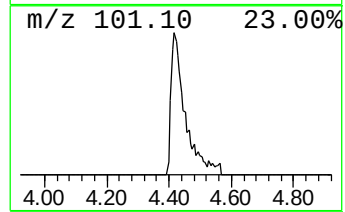
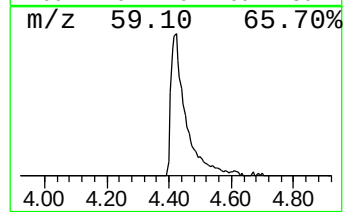
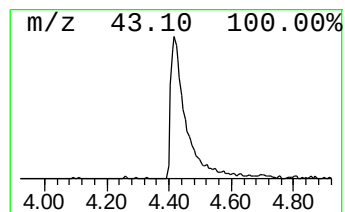
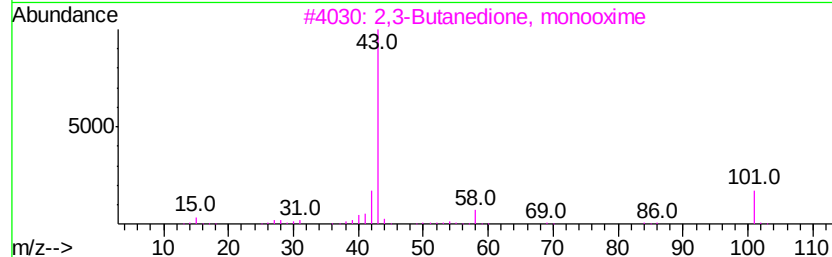
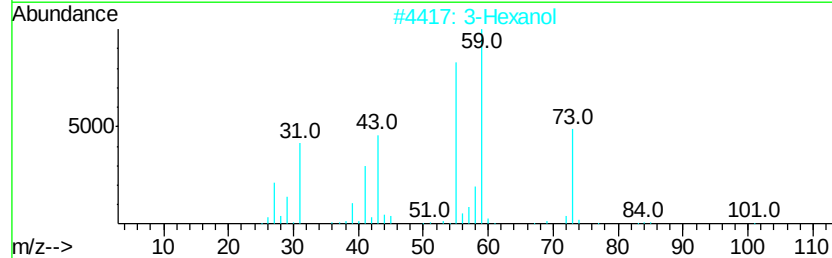
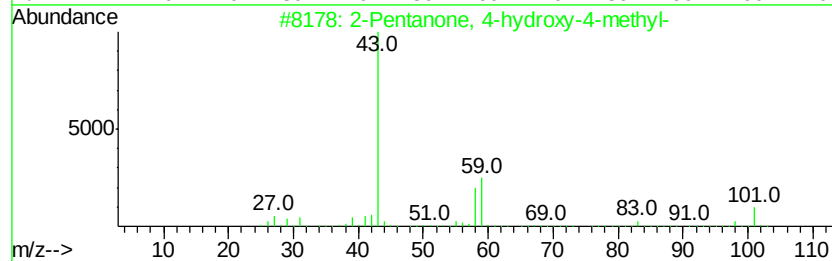
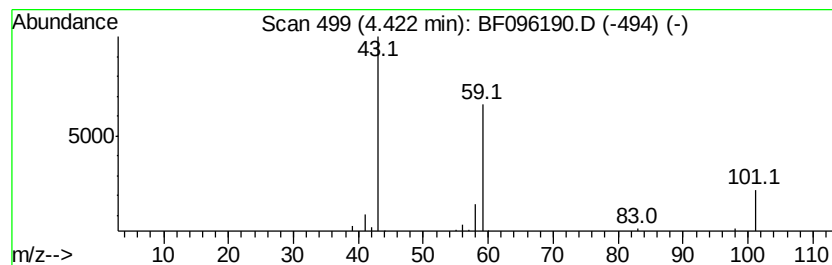
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	11.51 ng	198156	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol	102	C6H14O	000623-37-0	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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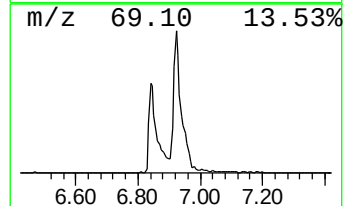
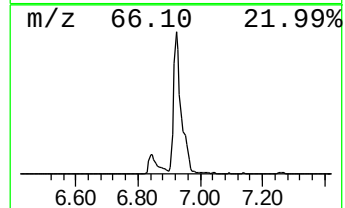
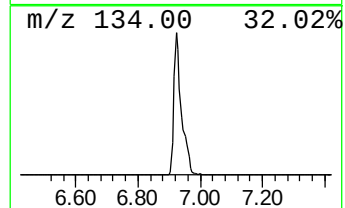
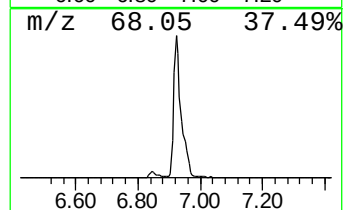
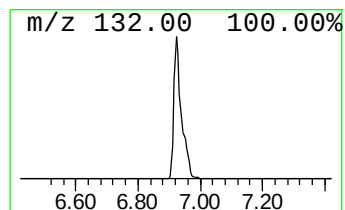
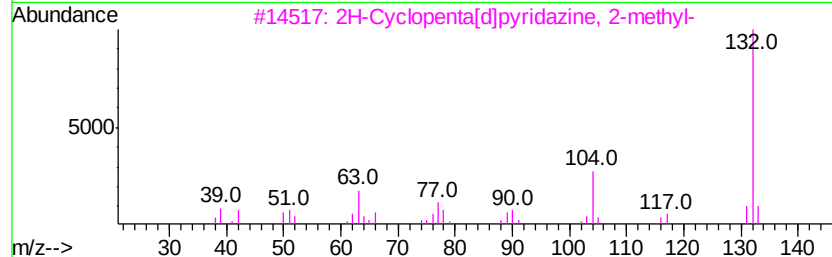
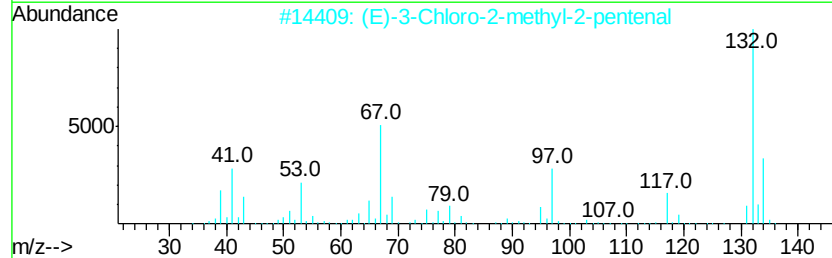
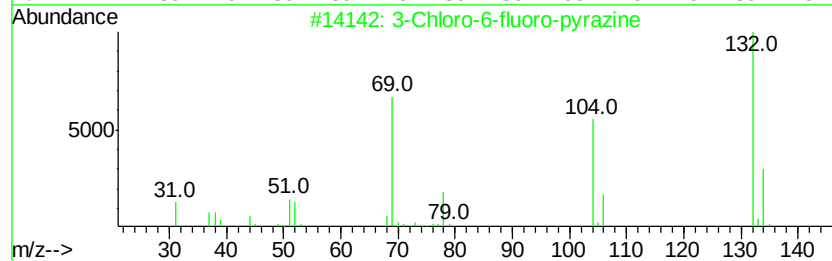
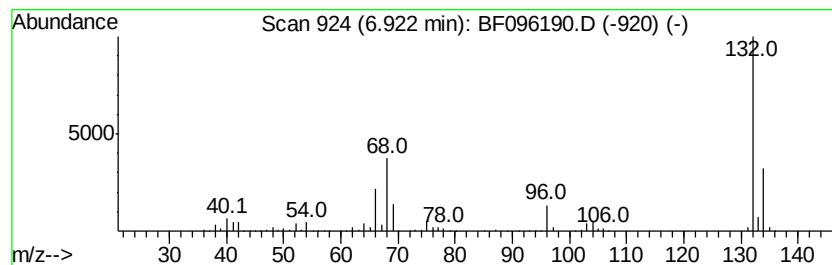
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown6.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	101.89 ng	1753480	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		2H-Cyclopentaf[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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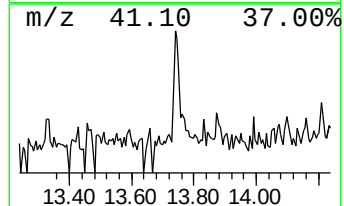
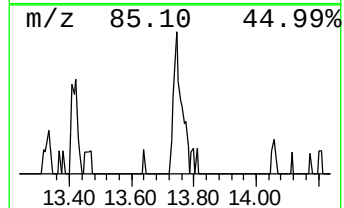
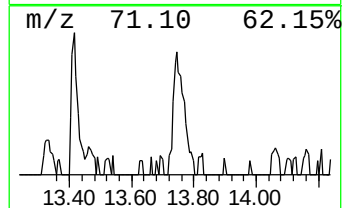
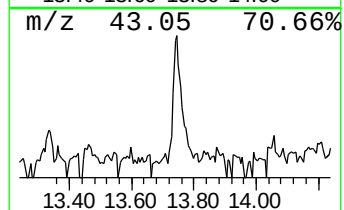
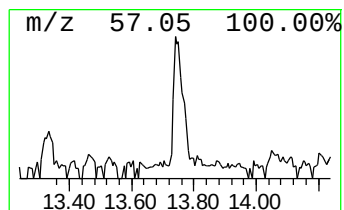
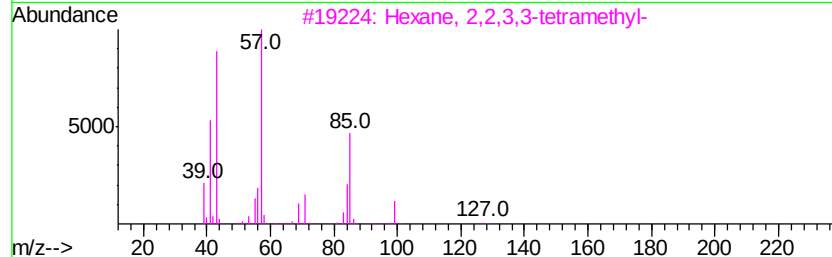
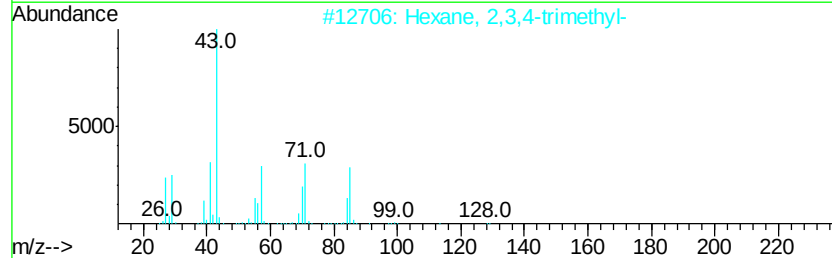
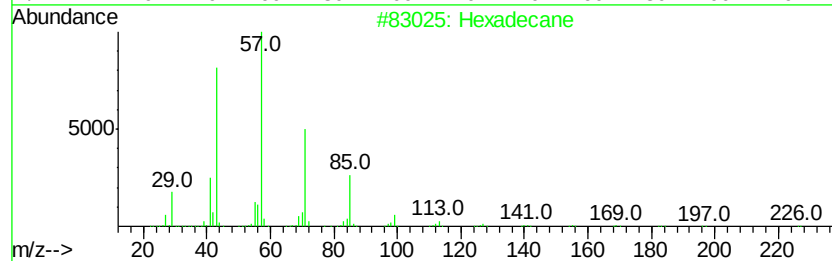
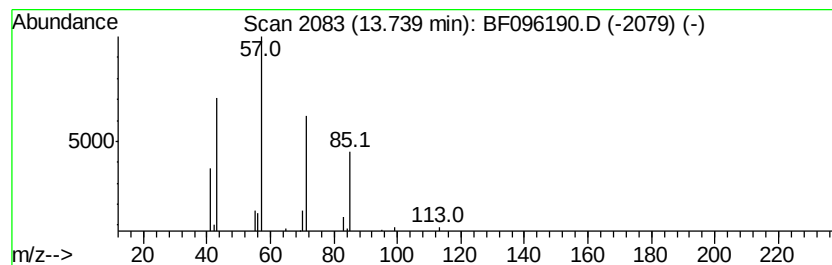
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.74	2.03 ng	35855	Phenanthrene-d10	14.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	53
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
4	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	43
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	40



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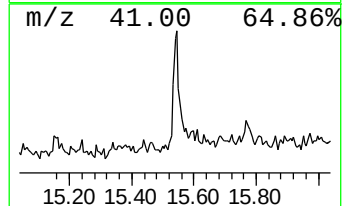
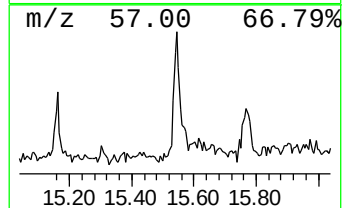
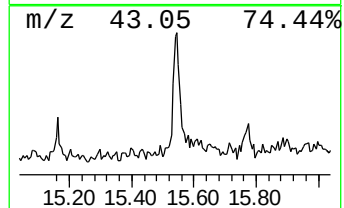
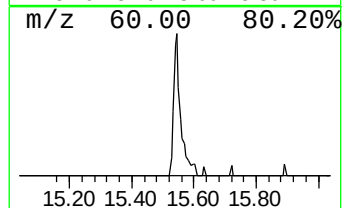
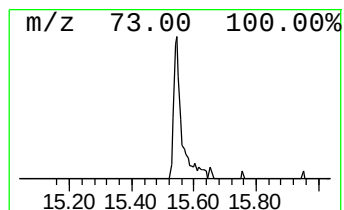
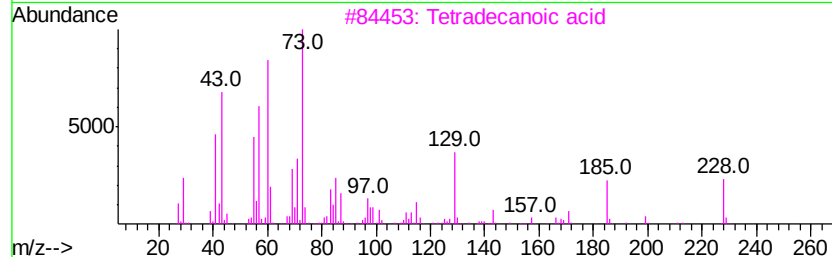
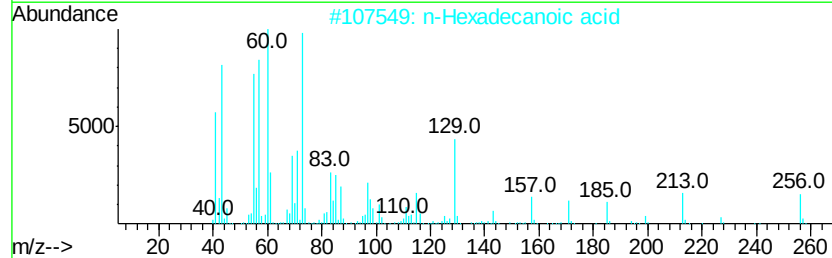
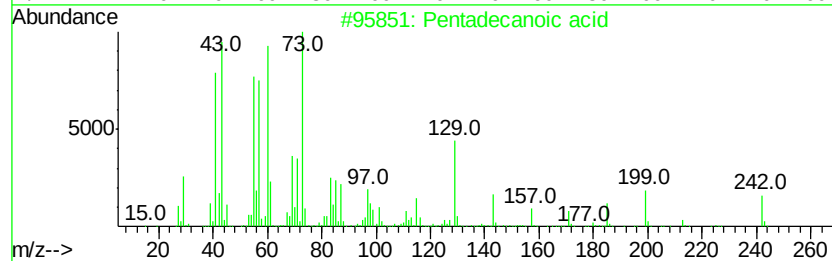
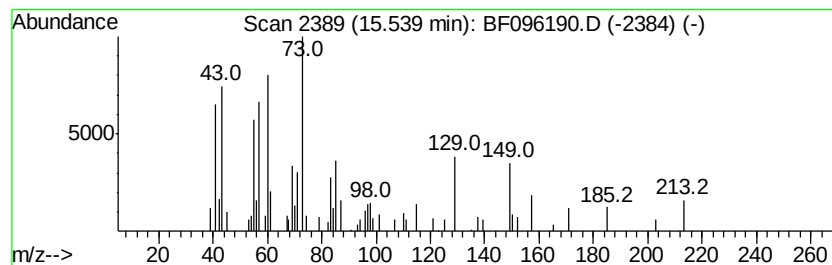
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.54	5.12 ng	90338	Phenanthrene-d10		14.51	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



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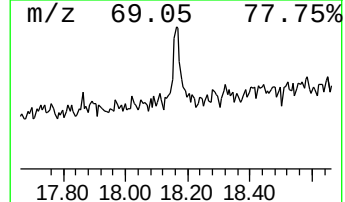
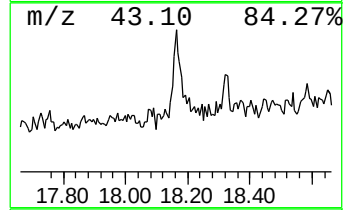
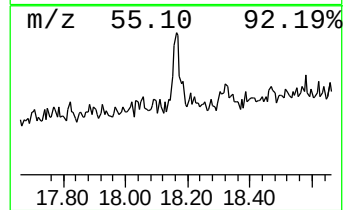
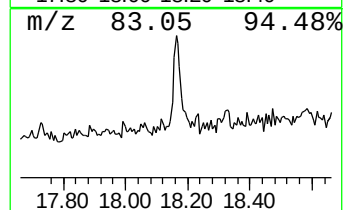
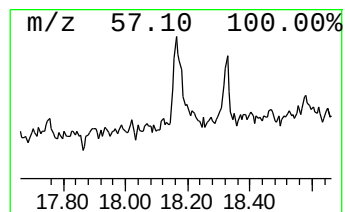
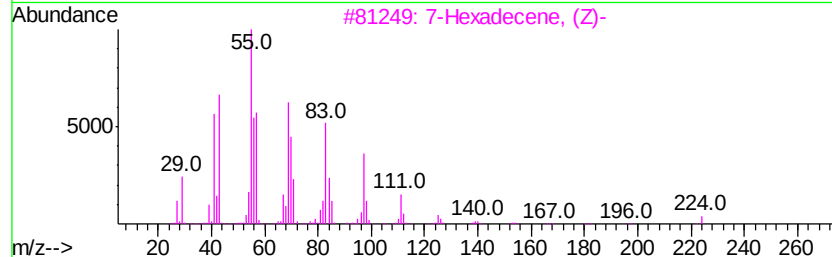
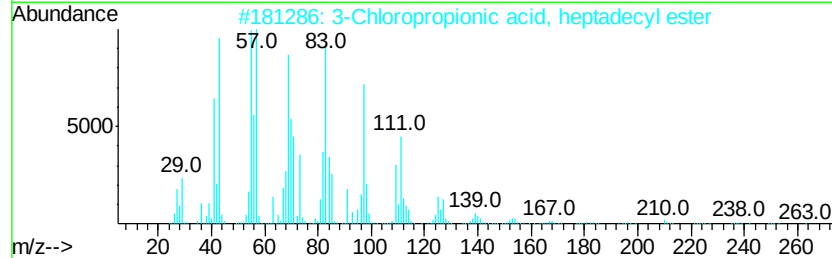
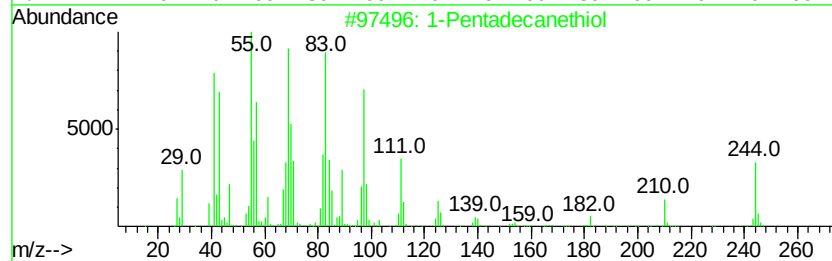
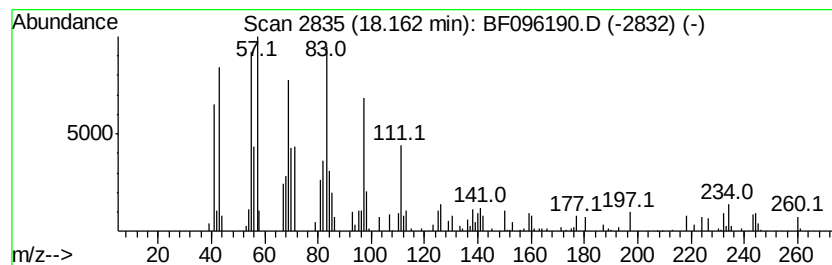
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Pentadecanethiol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.16	3.14 ng	76349	Chrysene-d12	18.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentadecanethiol	244	C15H32S	025276-70-4	91
2		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
3		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	87
4		Cyclohexadecane	224	C16H32	000295-65-8	87
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	81



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ALS Vial : 12 Sample Multiplier: 1

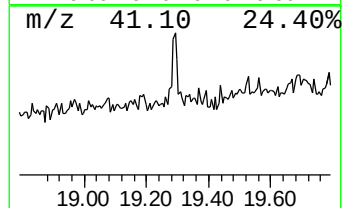
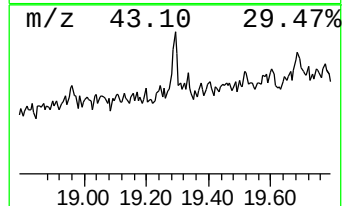
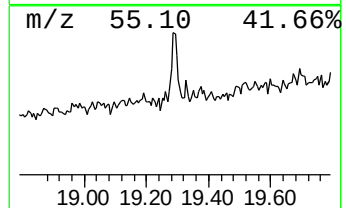
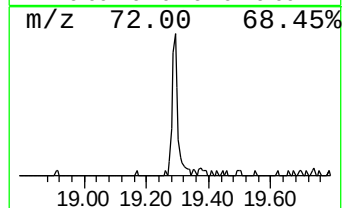
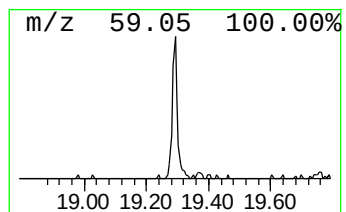
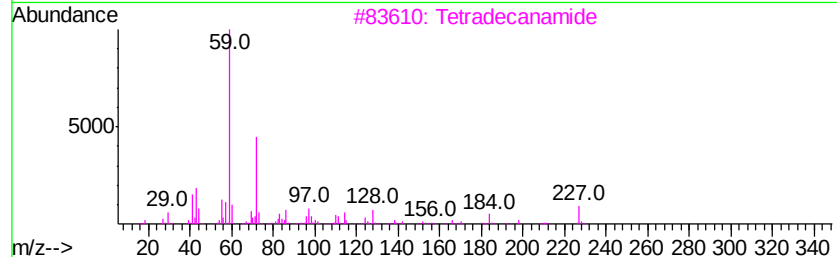
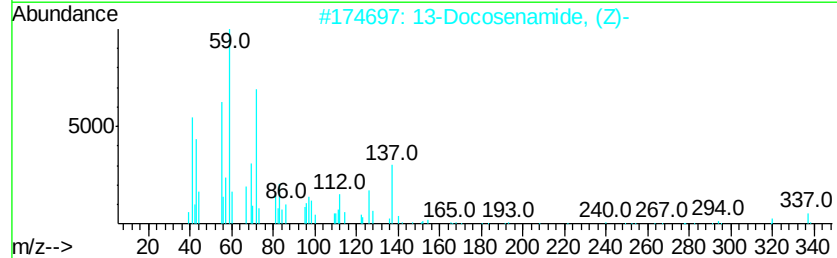
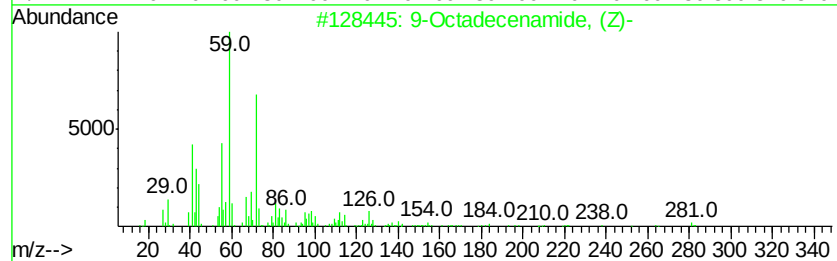
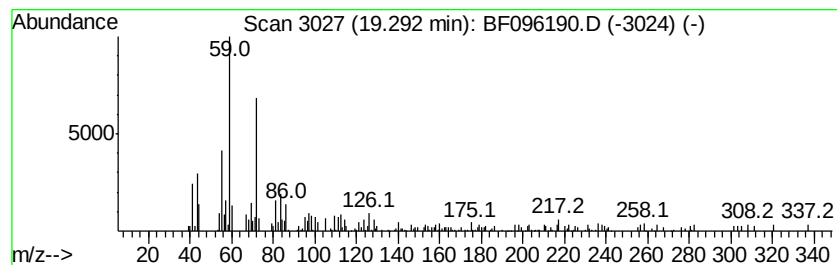
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ClientSampleId :
G-36-0-1.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.29	6.13 ng	89673	Perylene-d12	19.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
3	Tetradecanamide	227	C14H29NO	000638-58-4	64
4	Octanamide	143	C8H17NO	000629-01-6	47
5	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062417\
Data File : BF096190.D
Acq On : 24 Jun 2017 15:04
Operator : SJ/MA
Sample : I3851-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

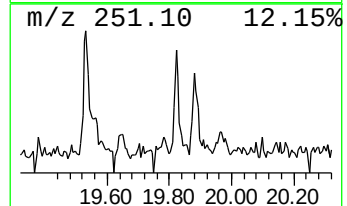
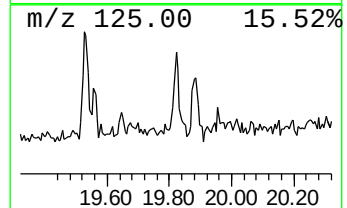
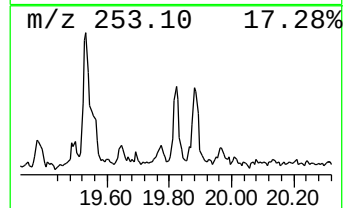
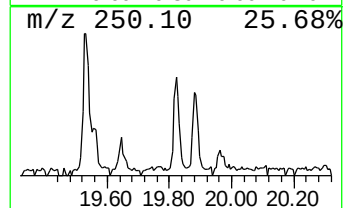
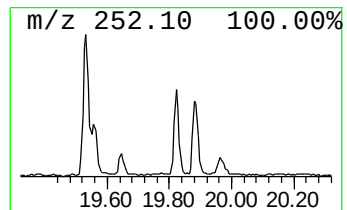
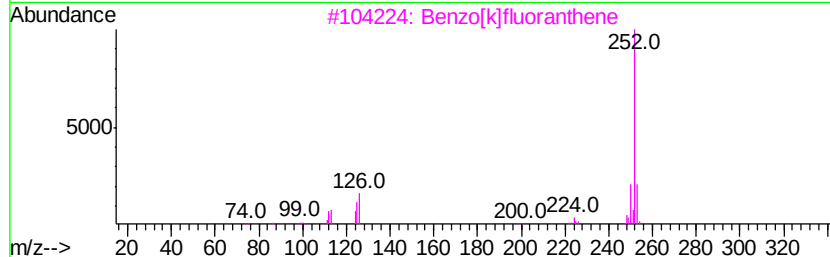
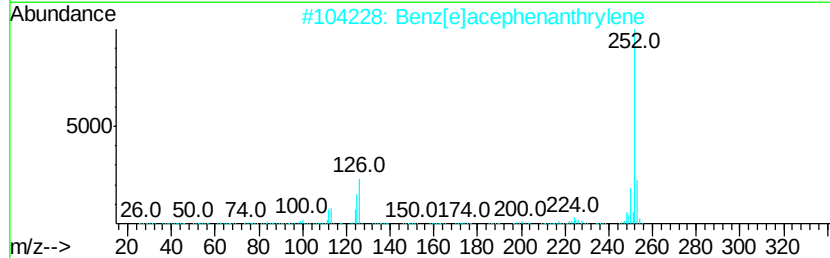
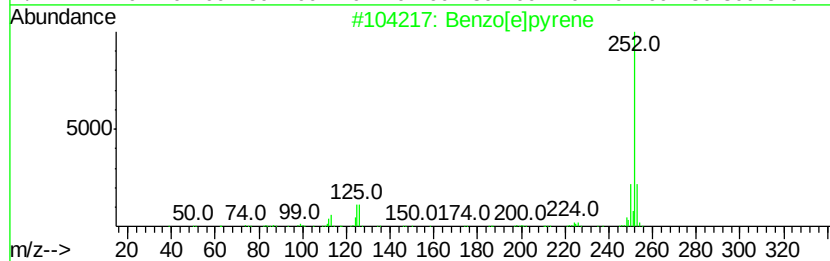
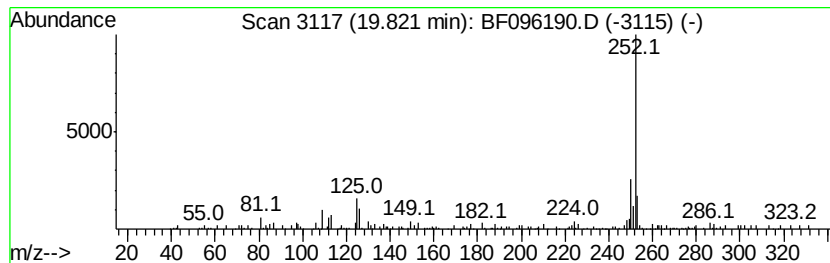
Instrument :
BNA_F
ClientSampleId :
G-36-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.82	4.14 ng	60596	Perylene-d12	19.93	
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	86
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062417\
Data File : BF096190.D
Acq On : 24 Jun 2017 15:04
Operator : SJ/MA
Sample : I3851-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-36-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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...	4.42	11.5	ng	198156	1	7.26	344195	20.0
unknown6.92	6.92	101.9	ng	1753480	1	7.26	344195	20.0
Hexadecane	13.74	2.0	ng	35855	4	14.51	352654	20.0
Pentadecanoic acid	15.54	5.1	ng	90338	4	14.51	352654	20.0
1-Pentadecanethiol	18.16	3.1	ng	76349	5	18.25	485747	20.0
9-Octadecenamide,...	19.29	6.1	ng	89673	6	19.93	292709	20.0
Benzo[e]pyrene	19.82	4.1	ng	60596	6	19.93	292709	20.0