

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107184.D
 Acq On : 6 Jul 2018 20:20
 Operator : JU/SJ
 Sample : J3868-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-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-BF061918.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	5.184	480	484	502	rBB	155856	182797	14.71%	1.376%
2	5.589	548	553	574	rBV	1140372	1066579	85.81%	8.031%
3	6.589	718	723	740	rBV	1039726	1111027	89.39%	8.365%
4	6.725	740	746	752	rBV	1206805	1092757	87.92%	8.228%
5	6.942	779	783	789	rBB	410625	348993	28.08%	2.628%
6	7.101	805	810	822	rBB	1035169	899349	72.36%	6.772%
7	7.513	874	880	902	rBV	710124	705079	56.73%	5.309%
8	8.230	996	1002	1028	rBB	417995	434129	34.93%	3.269%
9	9.301	1178	1184	1193	rBV	1405107	1242884	100.00%	9.358%
10	9.401	1198	1201	1209	rVB	48721	42819	3.45%	0.322%
11	9.695	1246	1251	1263	rBB	347074	300241	24.16%	2.261%
12	9.989	1294	1301	1310	rBB	457222	426207	34.29%	3.209%
13	10.783	1431	1436	1448	rBV	642572	593794	47.78%	4.471%
14	11.483	1550	1555	1562	rBV	390810	389925	31.37%	2.936%
15	12.701	1756	1762	1771	rVB	120842	102724	8.26%	0.773%
16	12.930	1793	1801	1807	rBV	144749	150644	12.12%	1.134%
17	13.060	1815	1823	1833	rBV	1158271	1119029	90.03%	8.426%
18	13.265	1848	1858	1865	rBV3	25386	45050	3.62%	0.339%
19	13.936	1969	1972	1978	rBV3	106109	145448	11.70%	1.095%
20	14.130	1997	2005	2021	rBV2	494363	760334	61.17%	5.725%
21	14.254	2021	2026	2041	rBV2	42674	90028	7.24%	0.678%
22	14.560	2075	2078	2091	rBV4	47000	62980	5.07%	0.474%
23	14.648	2091	2093	2126	rVB4	17965	47973	3.86%	0.361%
24	14.877	2126	2132	2142	rBV2	40052	70130	5.64%	0.528%
25	14.959	2142	2146	2156	rVB	62351	69792	5.62%	0.525%
26	15.042	2156	2160	2184	rBV5	24142	53073	4.27%	0.400%
27	15.212	2184	2189	2205	rBV	130886	323343	26.02%	2.435%
28	15.530	2238	2243	2250	rVB	74369	97777	7.87%	0.736%
29	15.601	2250	2255	2262	rVV	114587	184392	14.84%	1.388%
30	15.665	2262	2266	2332	rVB2	263701	522516	42.04%	3.934%
31	16.083	2333	2337	2423	rVV5	25744	79487	6.40%	0.598%
32	16.612	2423	2427	2527	rVB5	15698	87613	7.05%	0.660%
33	17.242	2527	2534	2563	rBV2	58993	107496	8.65%	0.809%
34	17.430	2563	2566	2610	rVB9	11946	55752	4.49%	0.420%

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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	17.724	2610	2616	2654	rVB	43703	117263	9.43%	0.883%
36	17.989	2654	2661	2828	rVB	16623	151867	12.22%	1.143%

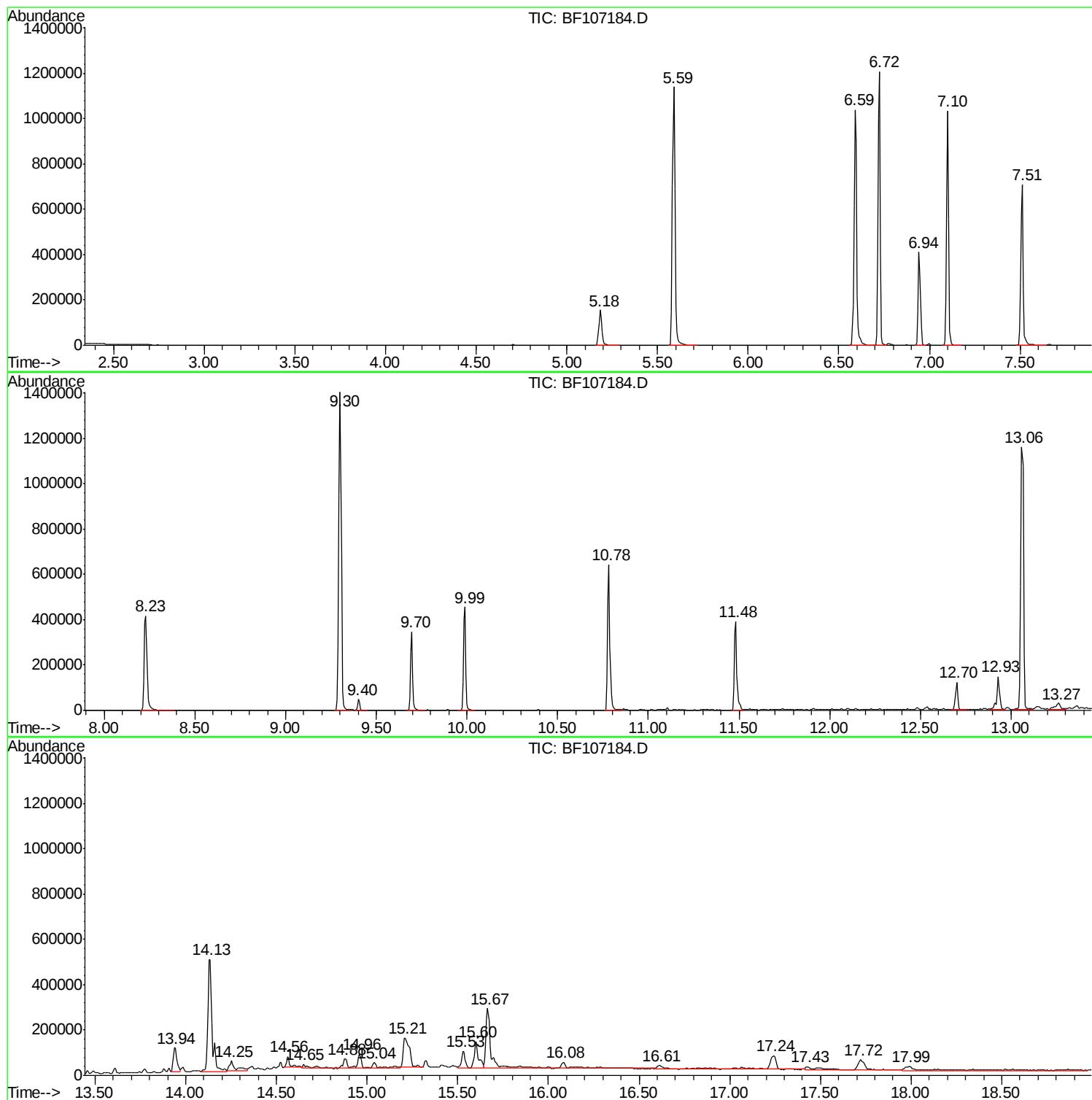
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P



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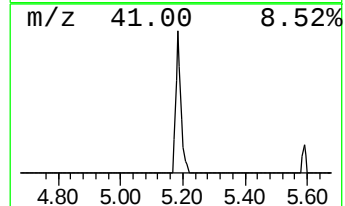
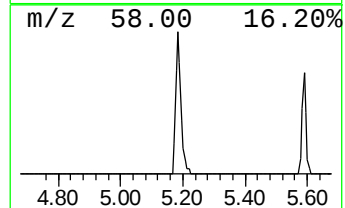
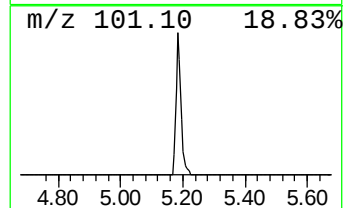
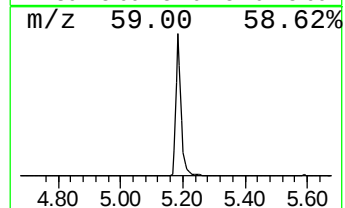
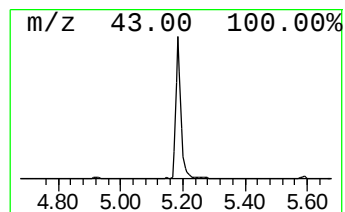
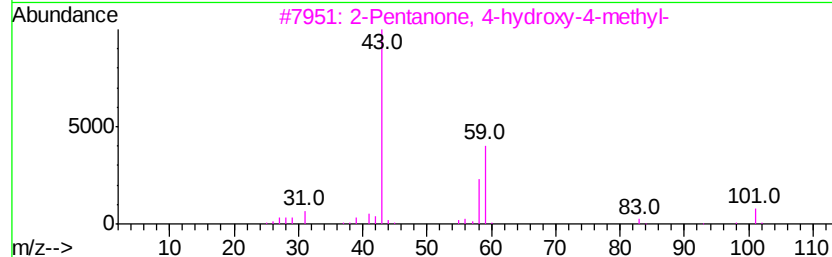
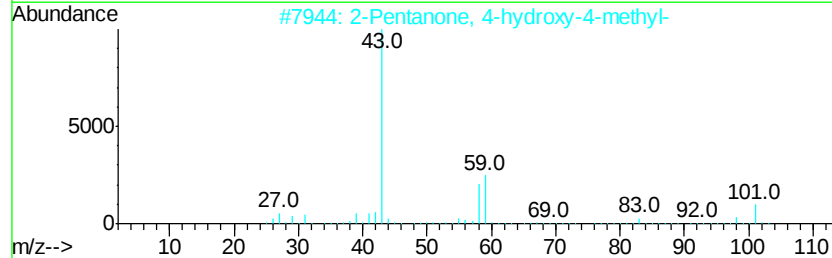
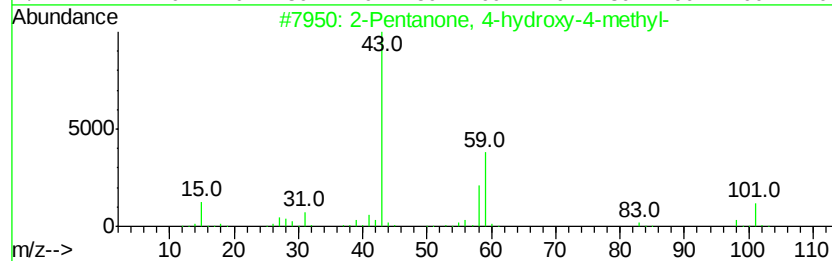
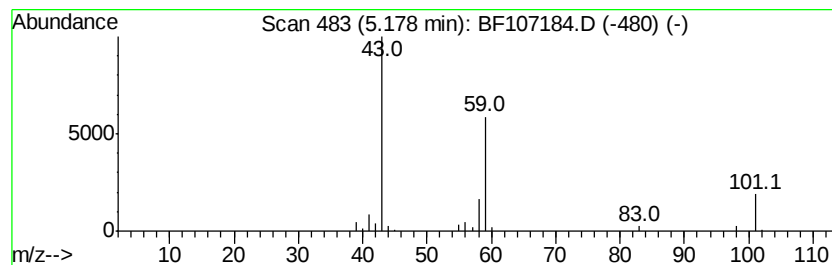
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.48 ng	182797	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		



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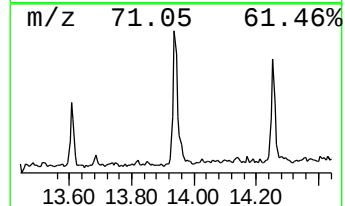
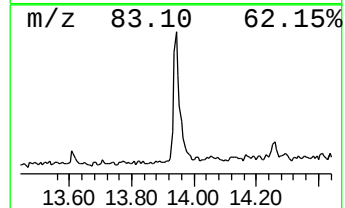
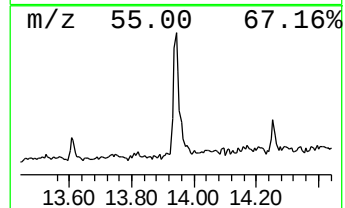
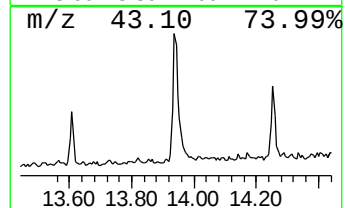
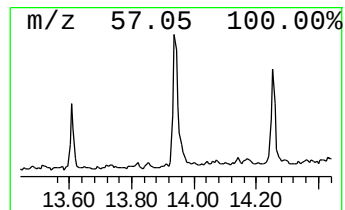
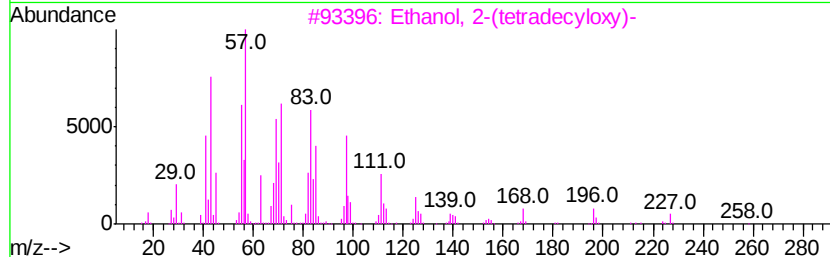
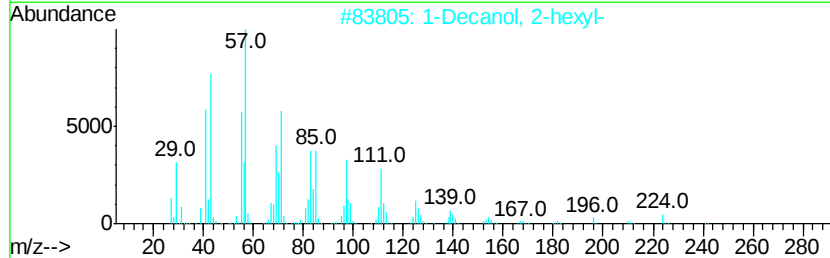
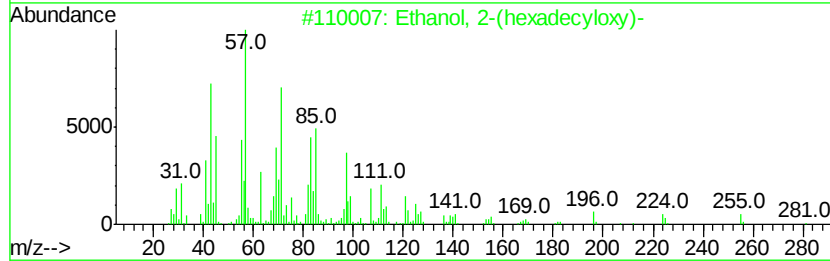
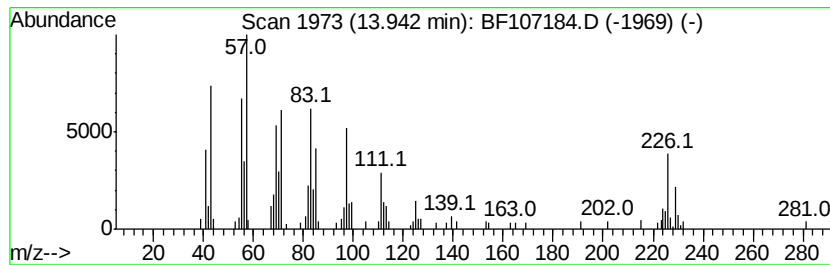
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown13.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.83 ng	145448	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	49
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	41
4		1-Docosene	308	C22H44	001599-67-3	38
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	30



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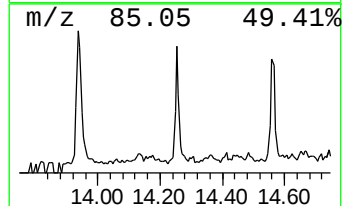
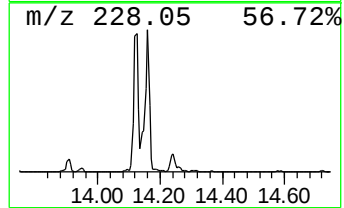
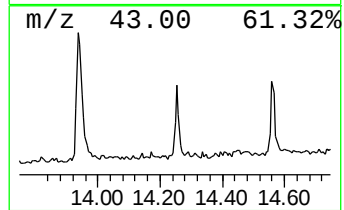
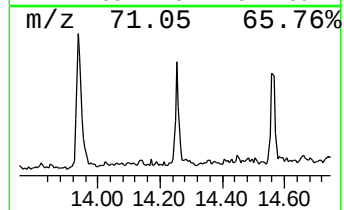
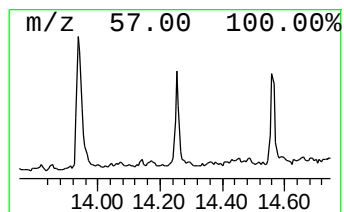
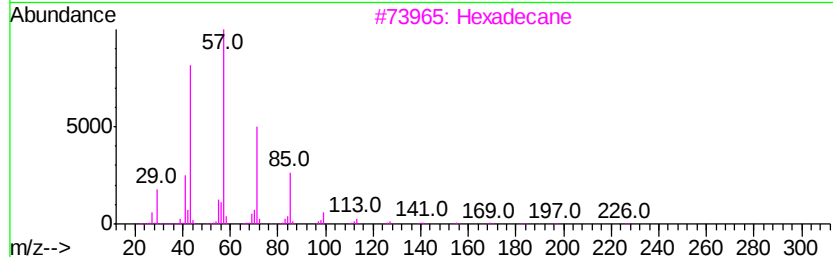
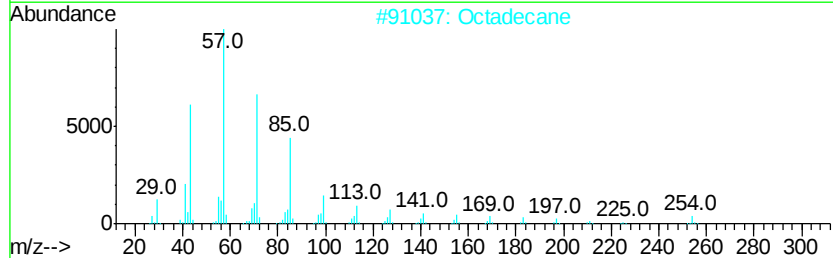
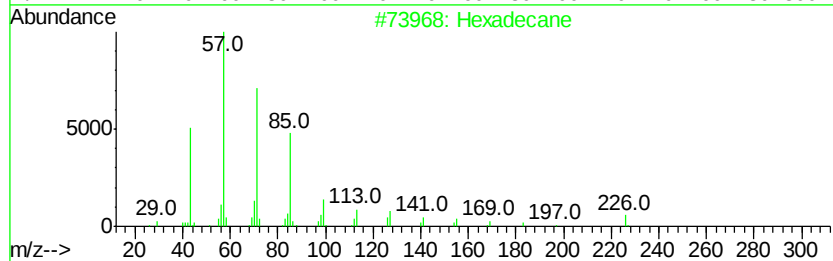
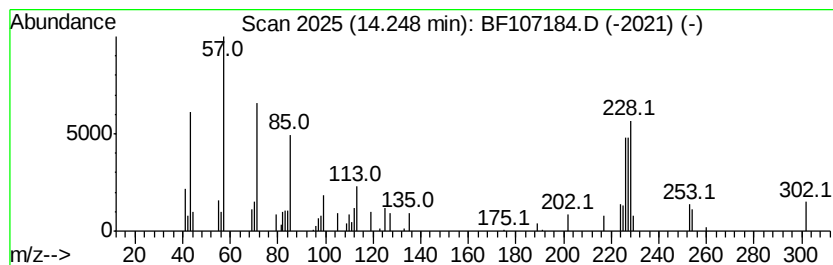
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Peak Number 3 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.37 ng	90028	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Octadecane	254	C18H38	000593-45-3	97
3		Hexadecane	226	C16H34	000544-76-3	97
4		Hexadecane	226	C16H34	000544-76-3	93
5		Octadecane	254	C18H38	000593-45-3	93



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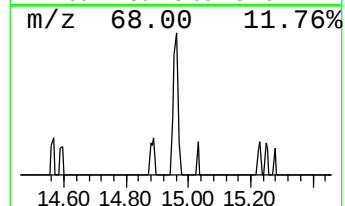
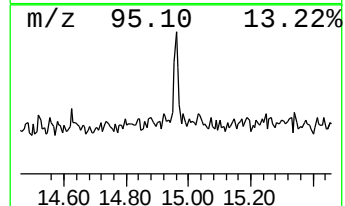
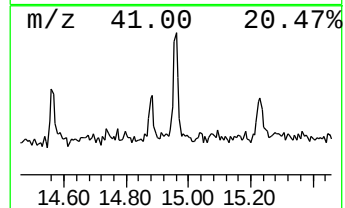
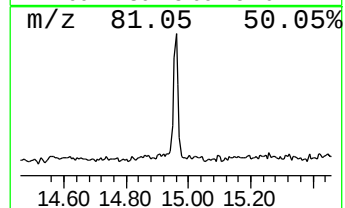
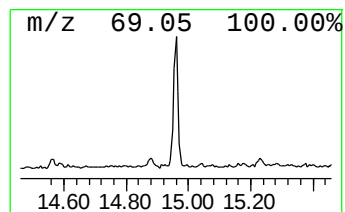
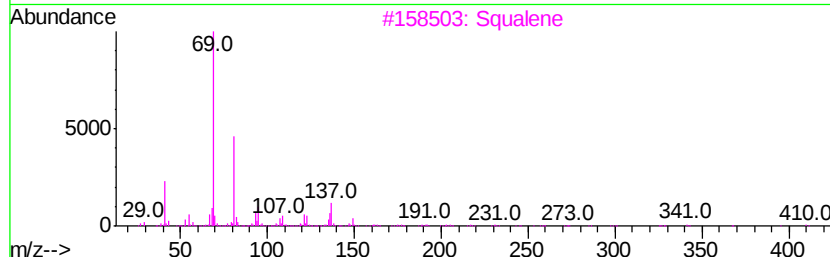
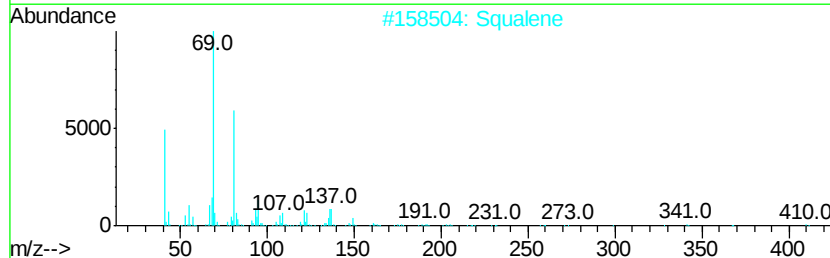
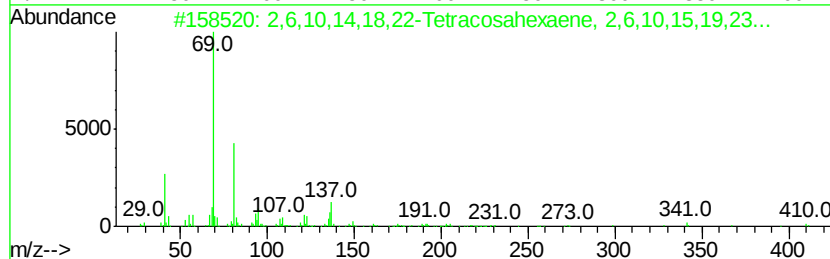
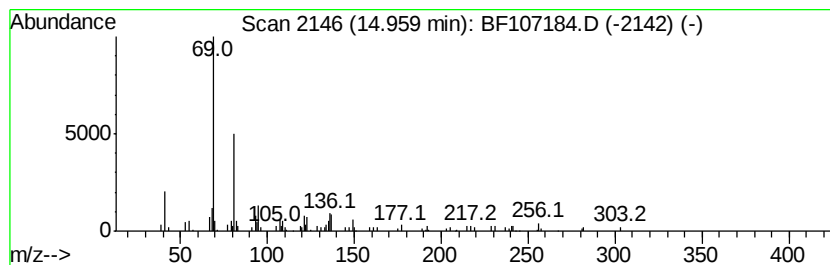
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Peak Number 4 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.67 ng	69792	Perylene-d12	15.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80		
2	Squalene	410	C30H50	007683-64-9	74		
3	Squalene	410	C30H50	007683-64-9	74		
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72		
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72		



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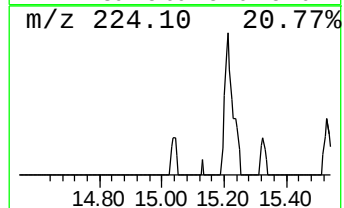
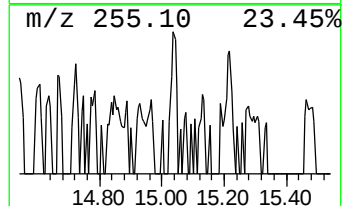
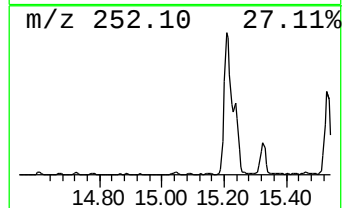
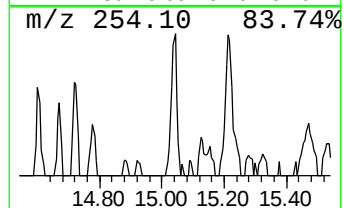
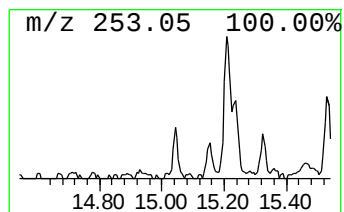
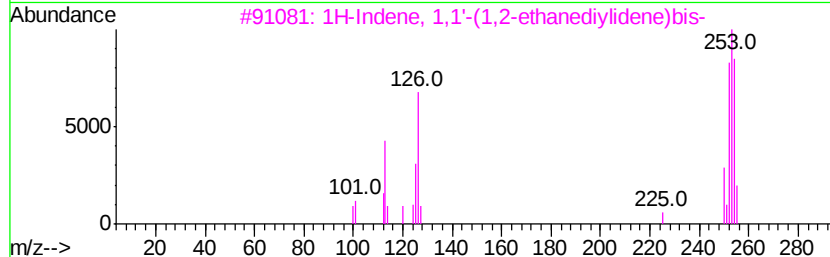
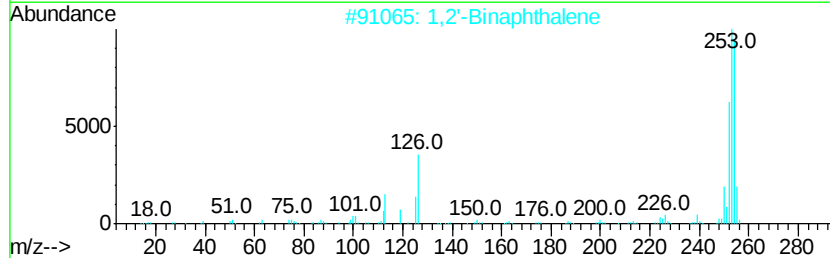
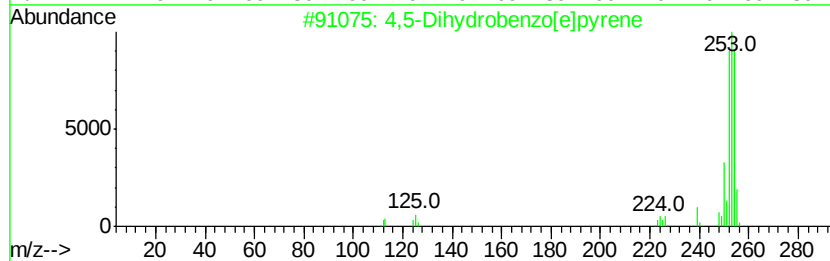
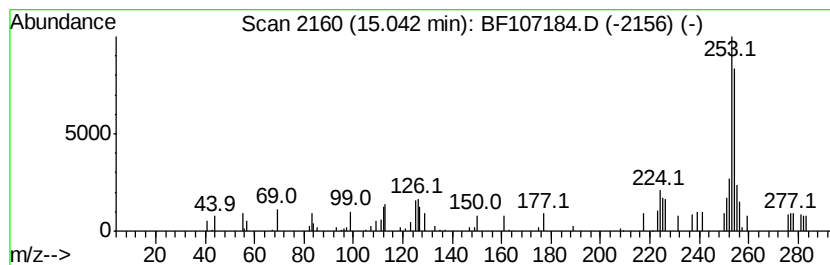
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Peak Number 5 4,5-Dihydrobenzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.03 ng	53073	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	68
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	58
3		1H-Indene, 1,1'-(1,2-ethanedivli...	254	C20H14	072088-04-1	58
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	53
5		1,1'-Binaphthalene	254	C20H14	000604-53-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
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Acq On : 6 Jul 2018 20:20
Operator : JU/SJ
Sample : J3868-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-S

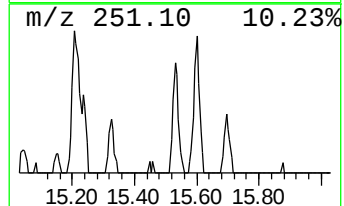
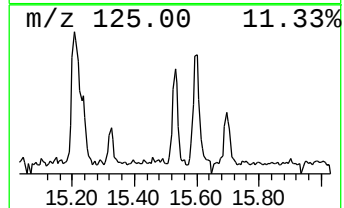
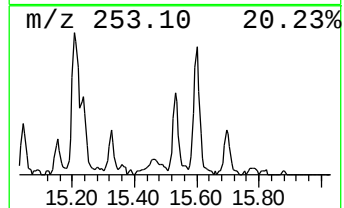
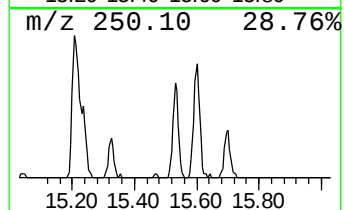
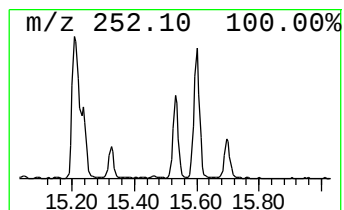
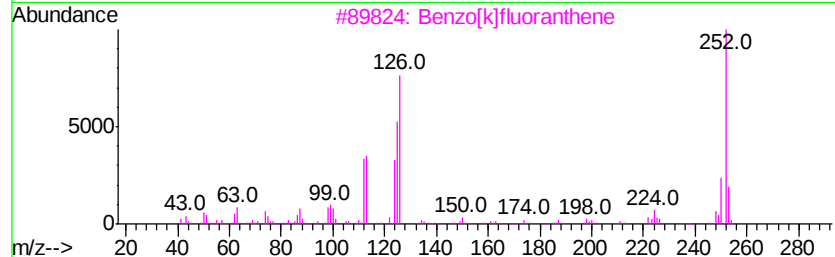
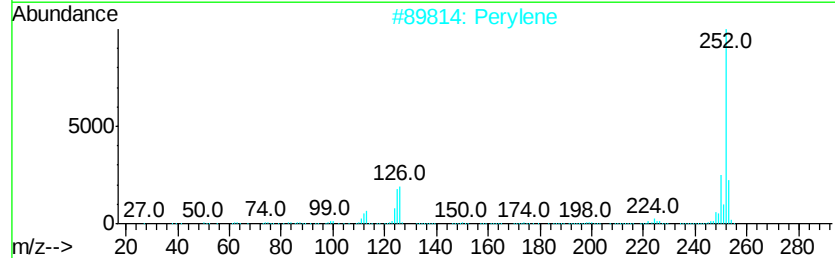
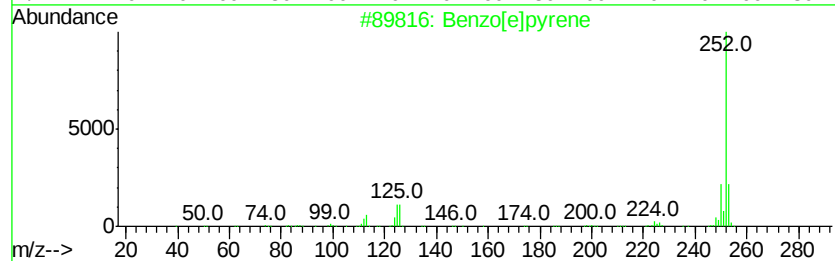
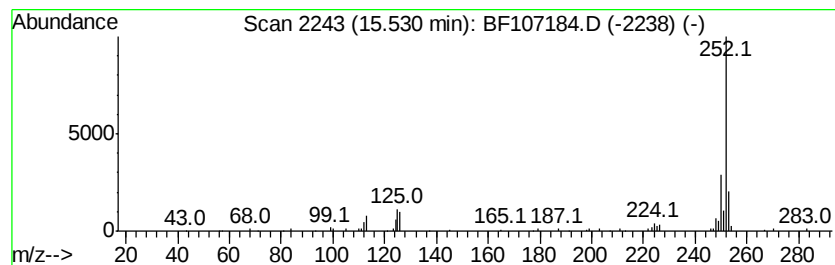
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.74 ng	97777	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4		Perylene	252	C20H12	000198-55-0	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107184.D
 Acq On : 6 Jul 2018 20:20
 Operator : JU/SJ
 Sample : J3868-03
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 ClientSampleId :
 TP-7-S

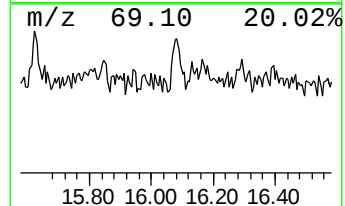
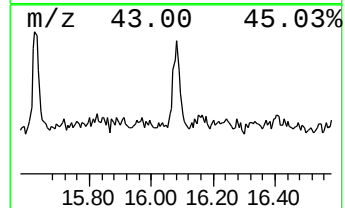
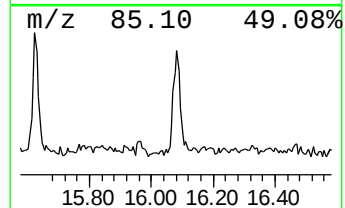
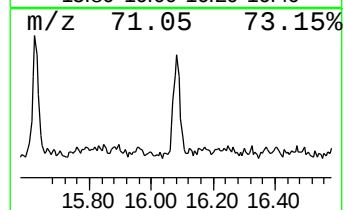
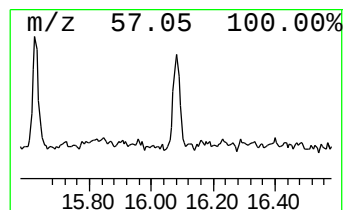
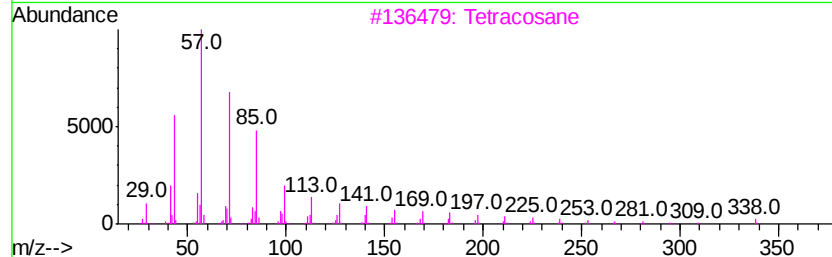
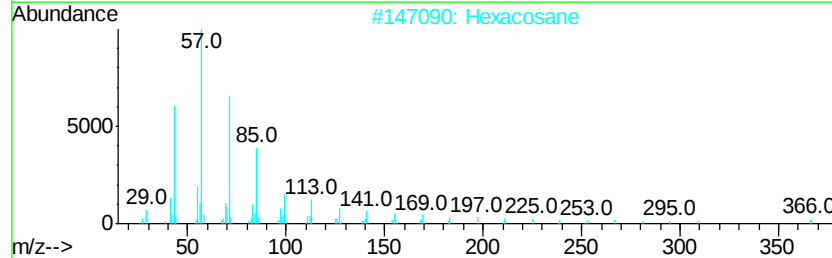
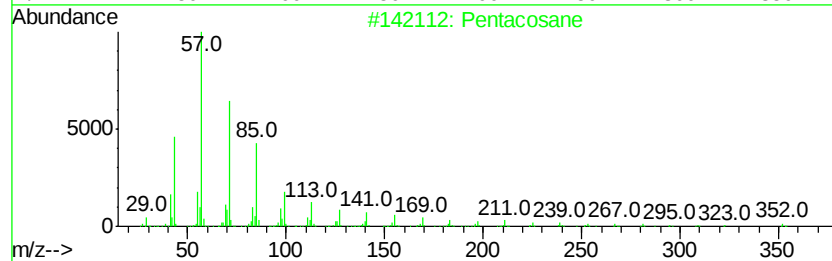
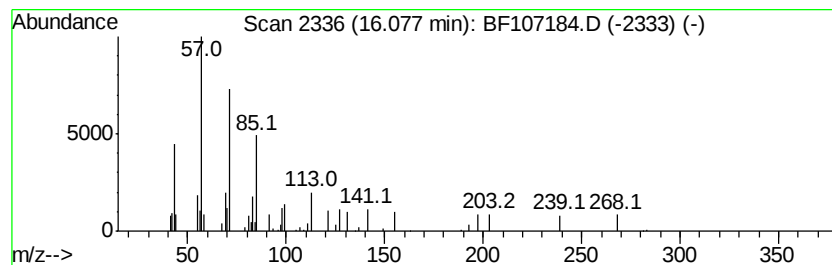
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: RTEINT.P

 Peak Number 7 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	3.04 ng	79487	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Tetracosane		338	C24H50	000646-31-1	90
4	Tetratetracontane		619	C44H90	007098-22-8	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107184.D
Acq On : 6 Jul 2018 20:20
Operator : JU/SJ
Sample : J3868-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-S

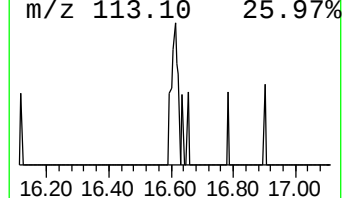
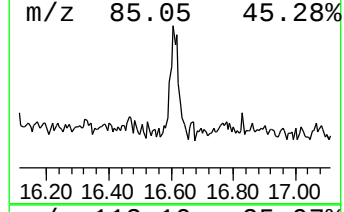
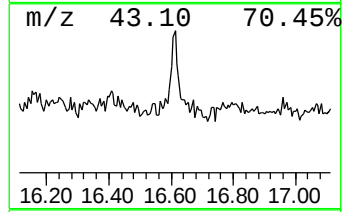
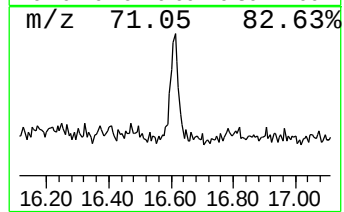
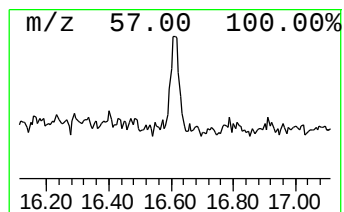
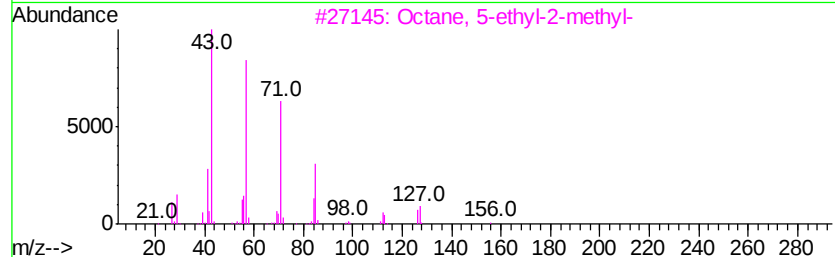
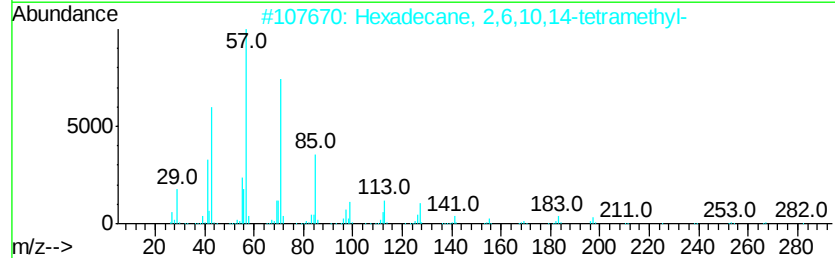
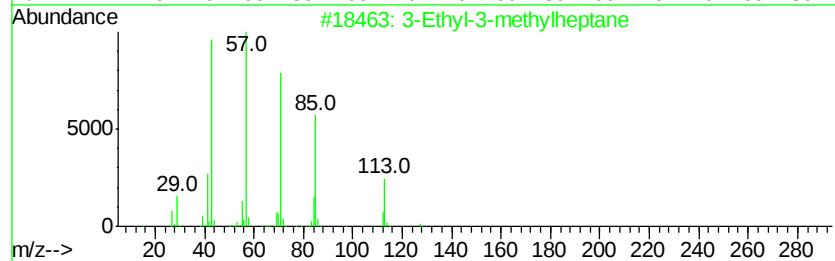
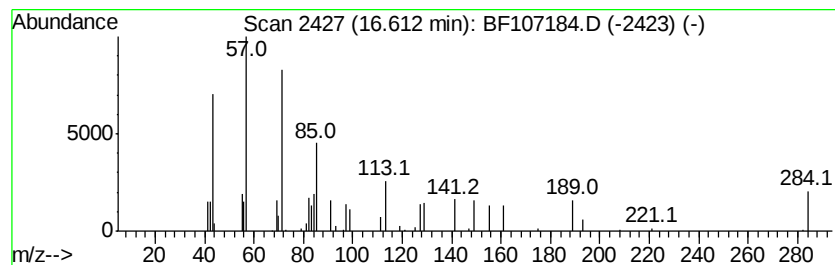
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 8 3-Ethyl-3-methylheptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	3.35 ng	87613	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47
3		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	47
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	47
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
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Operator : JU/SJ
Sample : J3868-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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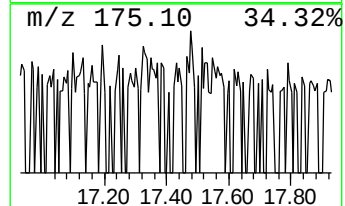
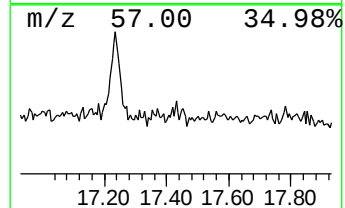
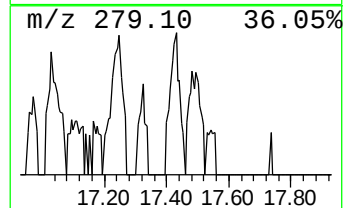
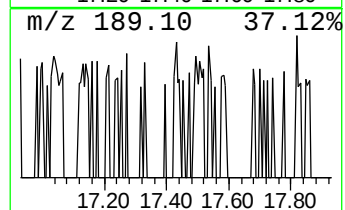
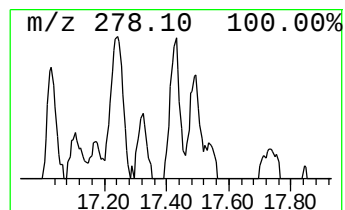
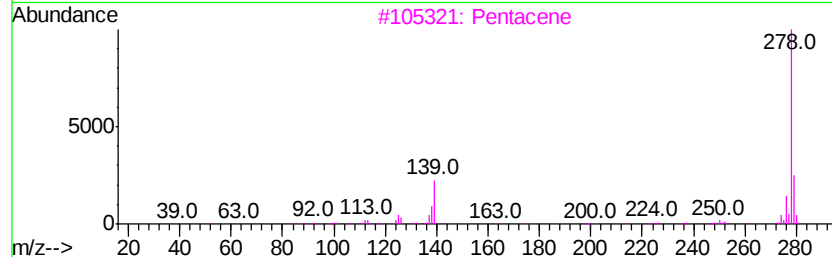
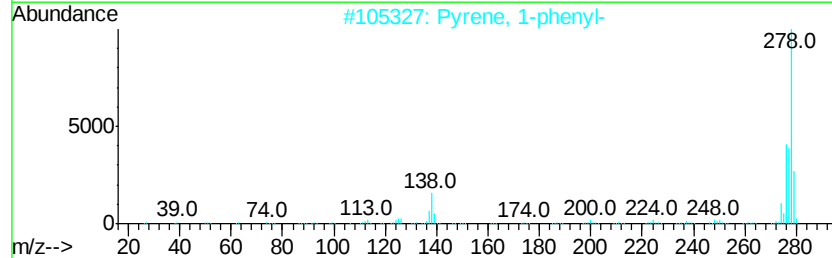
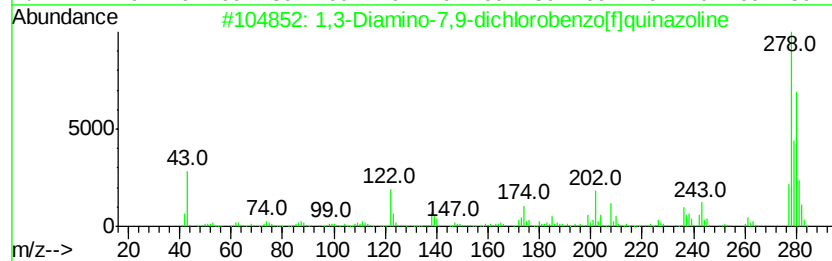
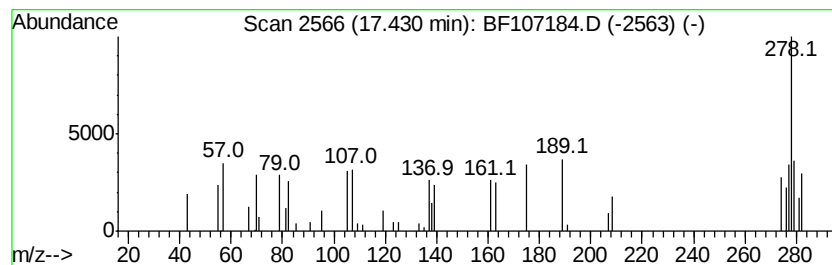
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 9 unknown17.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	2.13 ng	55752	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Diamino-7,9-dichlorobenzo[f]...	278	C12H8Cl2N4	037521-58-7	43
2		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	38
3		Pentacene	278	C22H14	000135-48-8	35
4		11H-Dibenzo[c,f][1,2]diazepine, ...	278	C13H8Cl2N2O	000958-71-4	32
5		3-Methoxy-2-phenylcinchoninamide	278	C17H14N2O2	1000252-14-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107184.D
Acq On : 6 Jul 2018 20:20
Operator : JU/SJ
Sample : J3868-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	10.5	ng	182797	1	6.94	348993	20.0
unknown13.94	13.94	3.8	ng	145448	5	14.14	760334	20.0
Hexadecane	14.25	2.4	ng	90028	5	14.14	760334	20.0
2,6,10,14,18,22-T...	14.96	2.7	ng	69792	6	15.67	522516	20.0
4,5-Dihydrobenzo[...	15.04	2.0	ng	53073	6	15.67	522516	20.0
Benzo[e]pyrene	15.53	3.7	ng	97777	6	15.67	522516	20.0
Pentacosane	16.08	3.0	ng	79487	6	15.67	522516	20.0
3-Ethyl-3-methylh...	16.61	3.4	ng	87613	6	15.67	522516	20.0
unknown17.43	17.43	2.1	ng	55752	6	15.67	522516	20.0