

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
 Data File : BF116812.D
 Acq On : 4 Sep 2019 13:44
 Operator : HP/JU
 Sample : K4623-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-E1-E4-(0-4)

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-BF083019.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	5.463	570	574	577	rBV	1387292	1219756	88.71%	7.209%
2	6.475	742	746	758	rVB	1367349	1364317	99.22%	8.063%
3	6.616	766	770	773	rBV	1680722	1362370	99.08%	8.052%
4	6.681	778	781	785	rBV5	16413	20400	1.48%	0.121%
5	6.845	806	809	813	rBV	532117	414647	30.16%	2.451%
6	7.004	832	836	839	rBV	1261848	998847	72.64%	5.903%
7	7.404	899	904	907	rBV	977858	814610	59.24%	4.814%
8	8.128	1023	1027	1030	rBV	683885	536491	39.02%	3.171%
9	8.839	1140	1148	1152	rBV3	27429	26678	1.94%	0.158%
10	9.198	1206	1209	1213	rBV	1549437	1375007	100.00%	8.126%
11	9.322	1227	1230	1234	rVB	37097	35221	2.56%	0.208%
12	9.592	1273	1276	1281	rBV	311767	247551	18.00%	1.463%
13	9.880	1321	1325	1328	rBV	783408	628749	45.73%	3.716%
14	10.586	1442	1445	1447	rBV2	22080	21937	1.60%	0.130%
15	10.663	1454	1458	1462	rBV	1022892	924390	67.23%	5.463%
16	10.786	1477	1479	1484	rBV5	17975	27386	1.99%	0.162%
17	11.363	1573	1577	1579	rBV	760286	645500	46.95%	3.815%
18	11.386	1579	1581	1584	rVB	279508	209217	15.22%	1.236%
19	11.892	1664	1667	1670	rBV2	219509	211841	15.41%	1.252%
20	12.574	1780	1783	1786	rVB	652753	534215	38.85%	3.157%
21	12.804	1819	1822	1825	rVB	433622	397544	28.91%	2.350%
22	12.945	1842	1846	1849	rBV	1542632	1312895	95.48%	7.759%
23	13.839	1995	1998	2003	rVB3	261360	294519	21.42%	1.741%
24	13.992	2019	2024	2027	rBV3	602975	840298	61.11%	4.966%
25	14.021	2027	2029	2034	rVB	308079	252338	18.35%	1.491%
26	14.510	2110	2112	2119	rVB3	146209	188451	13.71%	1.114%
27	15.027	2195	2200	2203	rBV	249796	401265	29.18%	2.371%
28	15.104	2210	2213	2216	rBV	78008	80404	5.85%	0.475%
29	15.321	2247	2250	2255	rVB	143589	196827	14.31%	1.163%
30	15.386	2257	2261	2267	rVB	175094	218208	15.87%	1.290%
31	15.451	2267	2272	2275	rBV	390038	516815	37.59%	3.054%
32	15.910	2346	2350	2355	rVB	62545	85960	6.25%	0.508%
33	16.404	2430	2434	2438	rBV4	33664	57174	4.16%	0.338%
34	16.886	2511	2516	2524	rVB2	103310	199844	14.53%	1.181%

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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	17.321	2585	2590	2600	rVB2	71925	144910	10.54%	0.856%
36	17.545	2626	2628	2633	rVB5	16710	22894	1.67%	0.135%
37	18.051	2709	2714	2719	rBV7	46041	90849	6.61%	0.537%

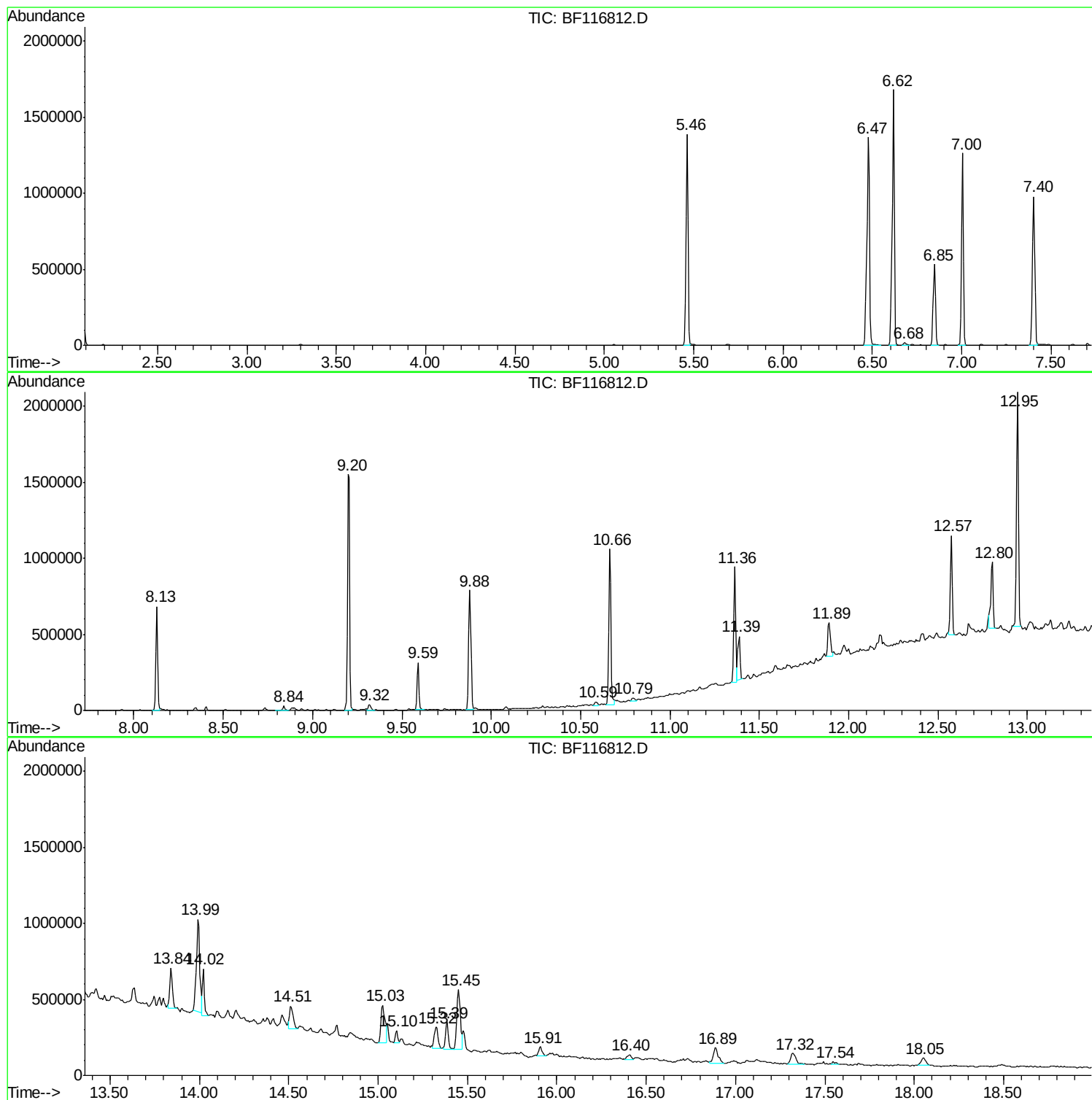
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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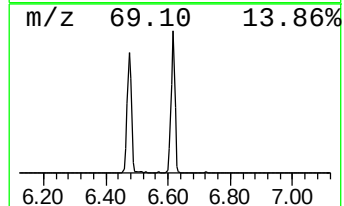
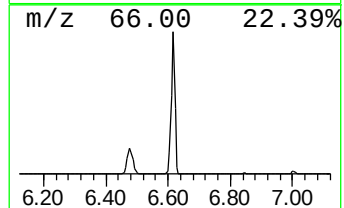
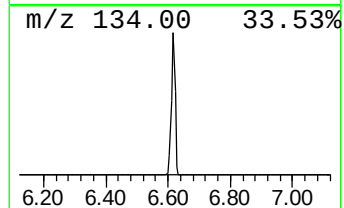
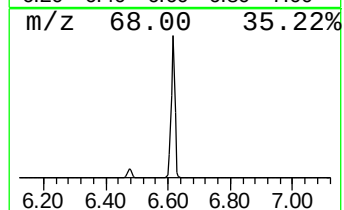
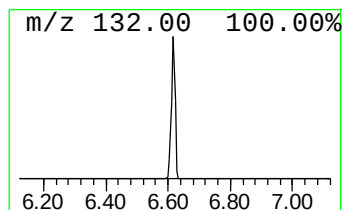
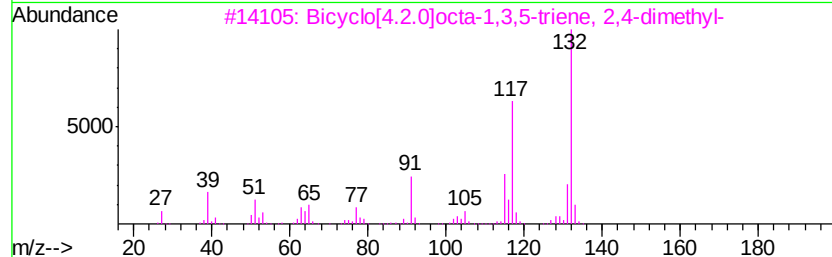
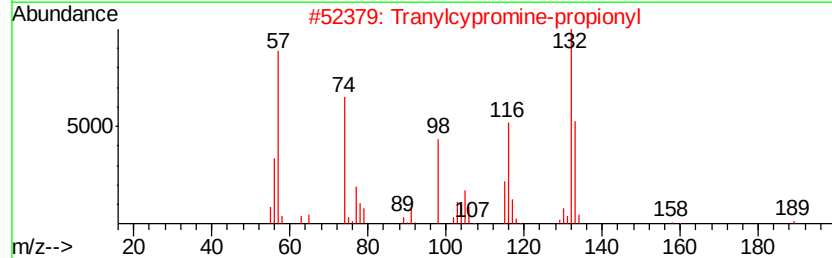
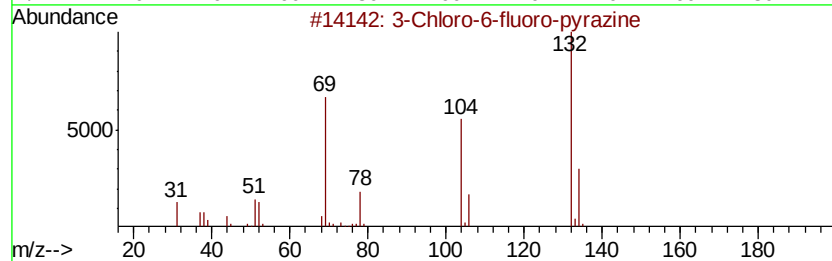
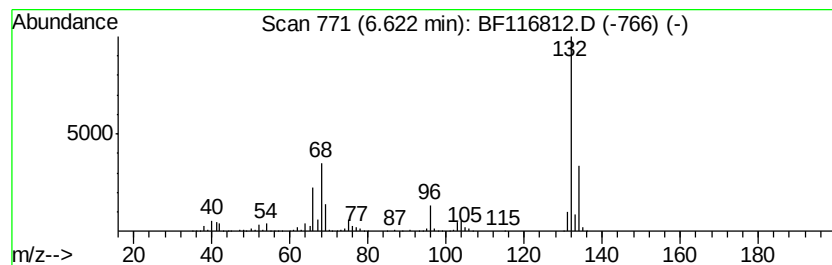
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	65.71 ng	1362370	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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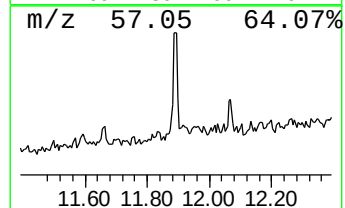
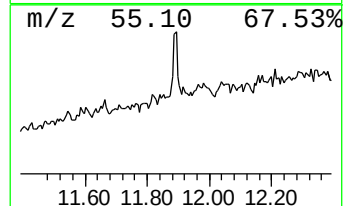
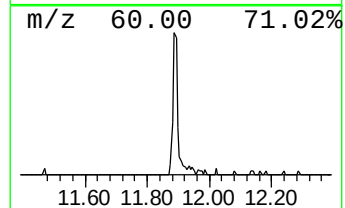
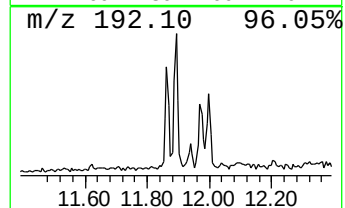
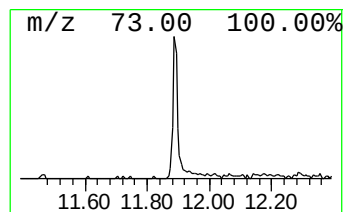
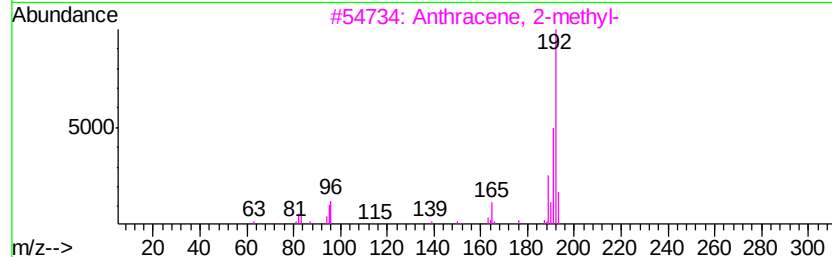
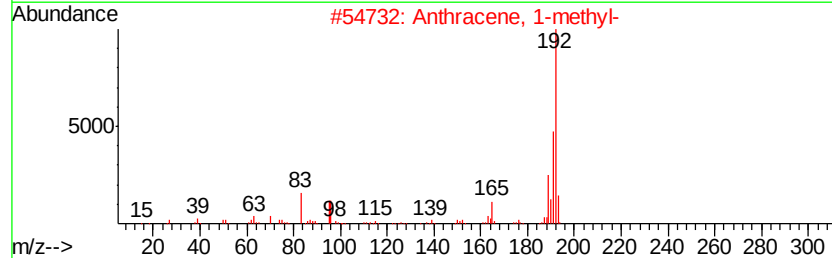
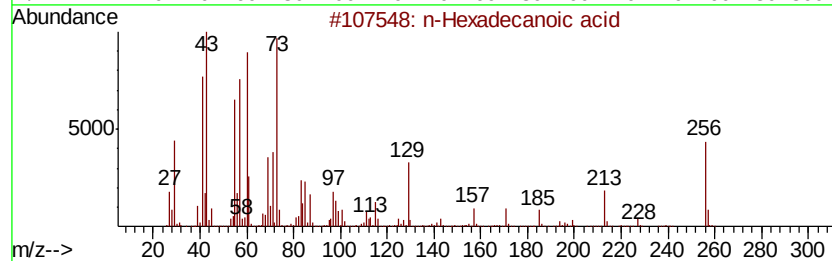
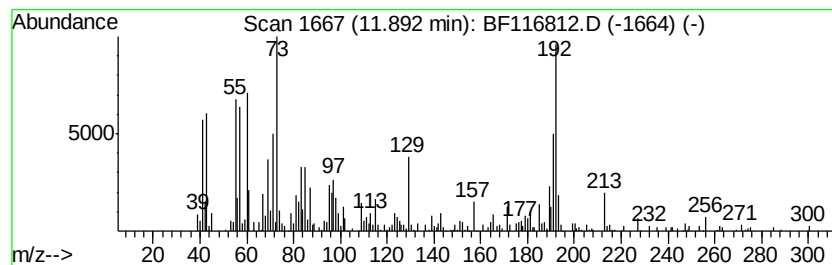
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	6.56 ng	211841	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	43
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	41



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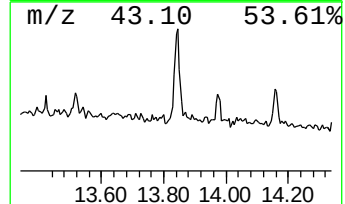
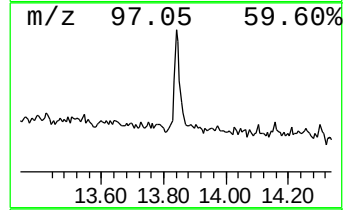
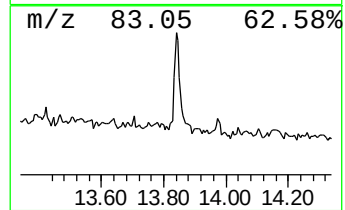
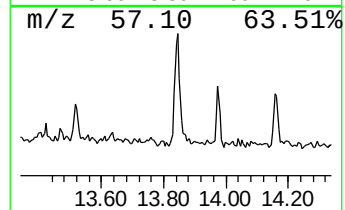
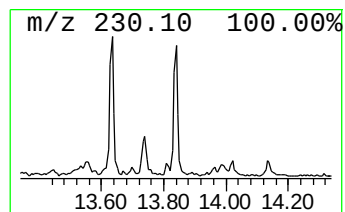
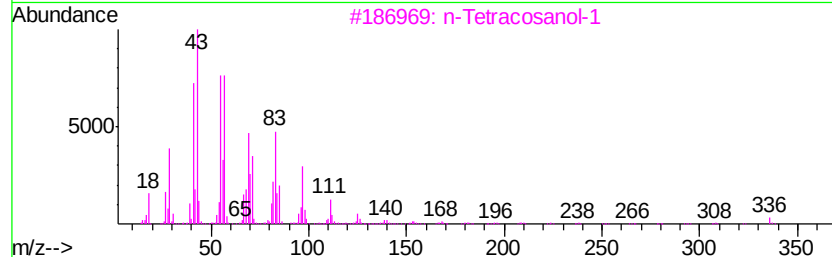
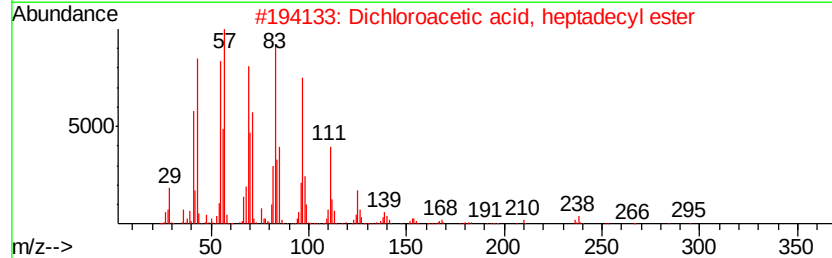
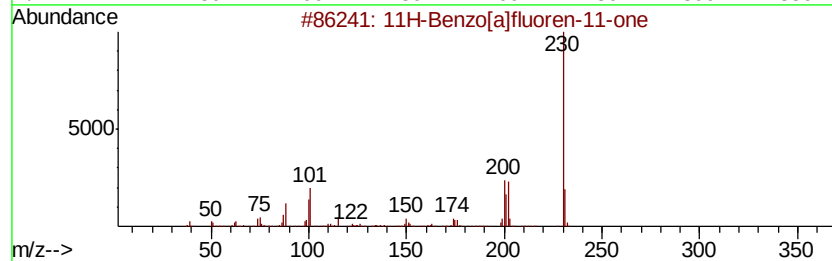
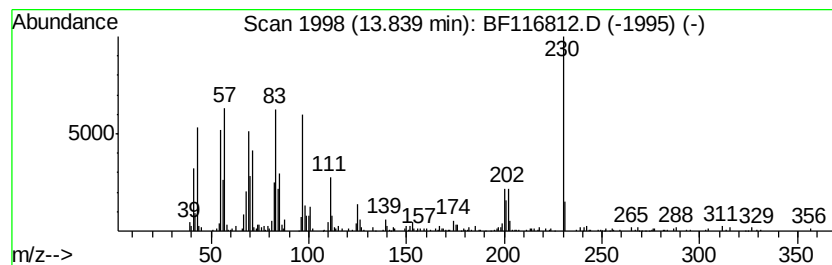
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.01 ng	294519	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	84
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	55
4		1-Docosene	308	C22H44	001599-67-3	55
5		Cyclohexadecane	224	C16H32	000295-65-8	53



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ClientSampleId :
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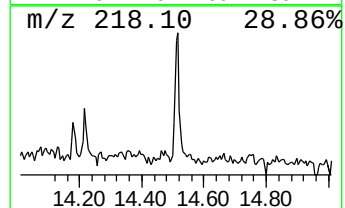
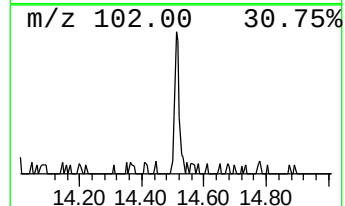
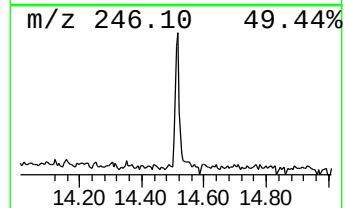
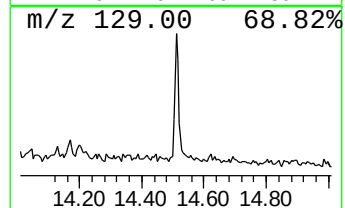
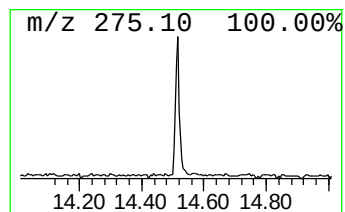
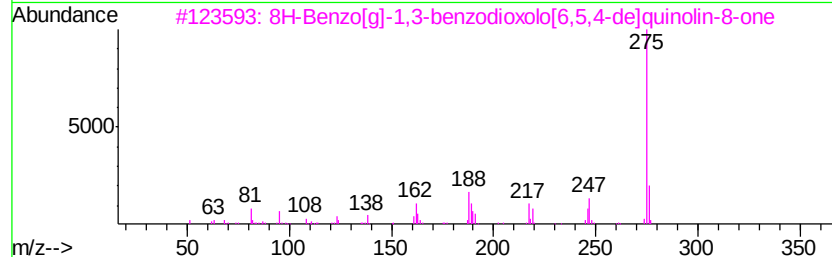
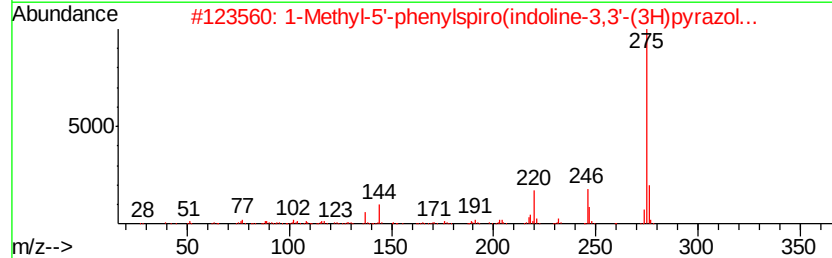
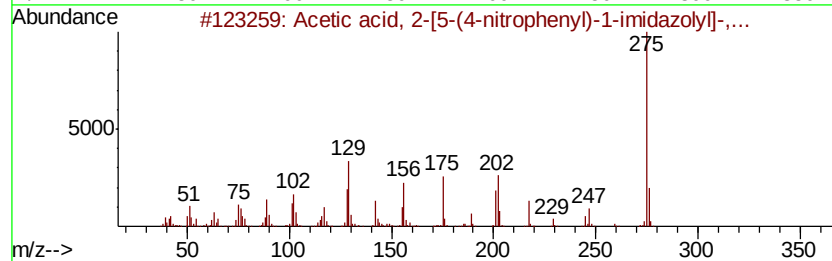
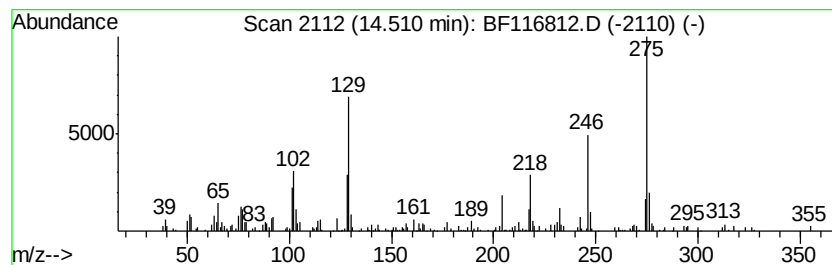
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown14.51 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.49 ng	188451	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-[5-(4-nitrophenyl)-1-imidazolyl]-...	275	C13H13N3O4	351064-45-4	46
2		1-Methyl-5'-phenylspiro(indoline-3,3'-(3H)pyrazol...	275	C17H13N3O	015970-21-5	43
3		8H-Benzo[a]-1,3-benzodioxolo[6,5...]	275	C17H9NO3	000475-75-2	30
4		5-[4-(Dimethylamino)benzylidene]...	275	C13H13N3O2S	027430-15-5	27
5		5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	27



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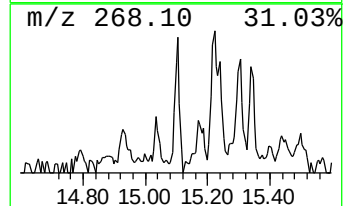
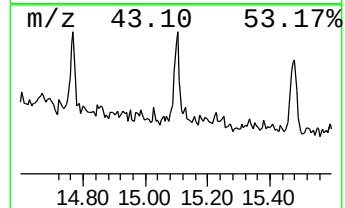
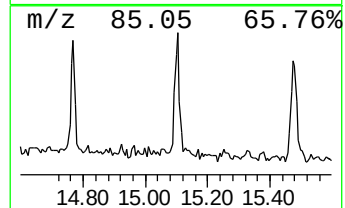
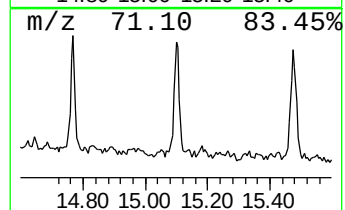
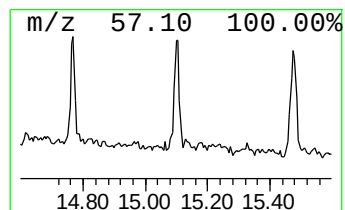
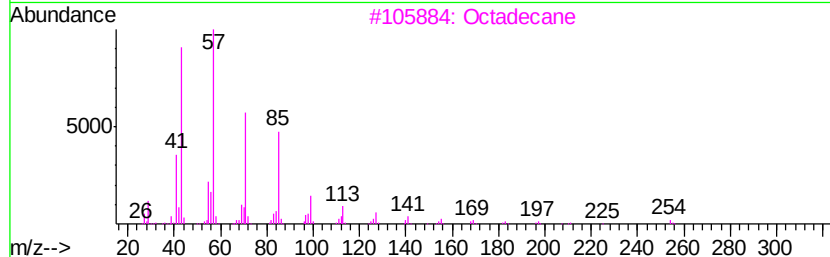
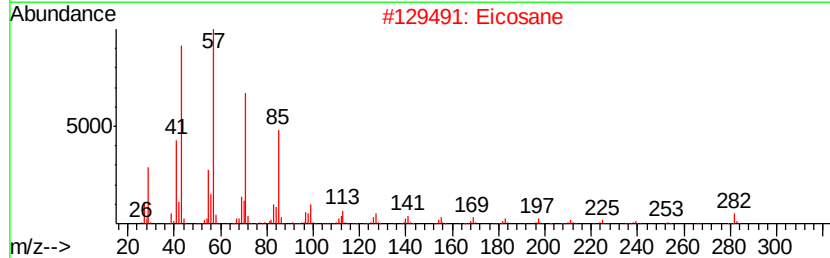
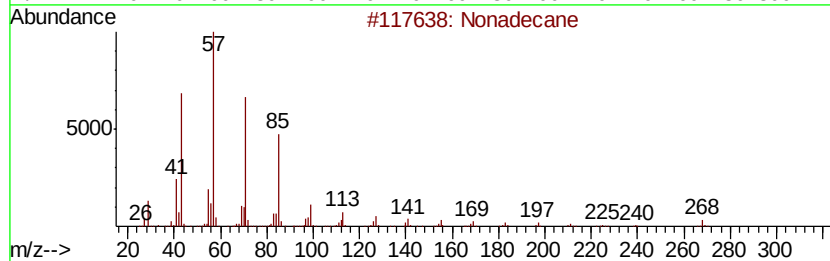
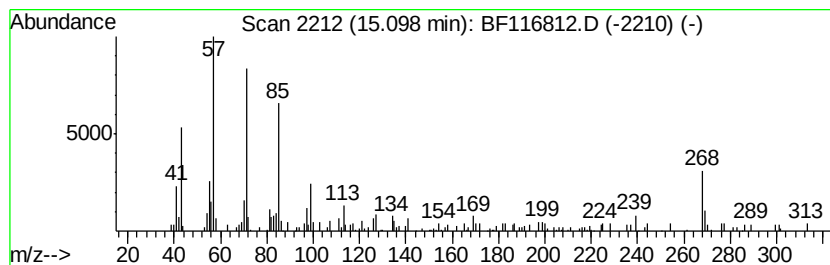
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.10	3.11 ng	80404	Perylene-d12		15.45	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	72
2		Eicosane	282	C20H42	000112-95-8	64
3		Octadecane	254	C18H38	000593-45-3	58
4		Heptadecane	240	C17H36	000629-78-7	58
5		triacontane	422	C30H62	000638-68-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116812.D
Acq On : 4 Sep 2019 13:44
Operator : HP/JU
Sample : K4623-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-11-E1-E4-(0-4)

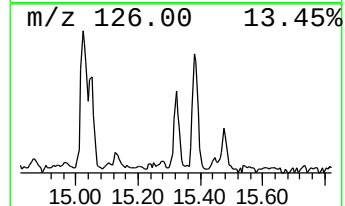
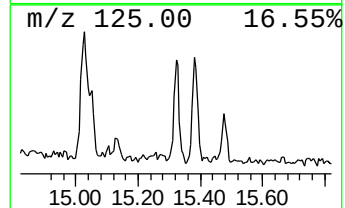
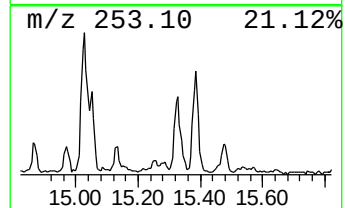
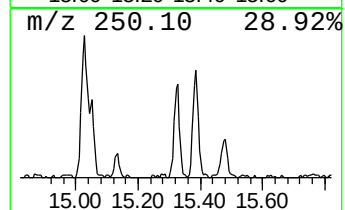
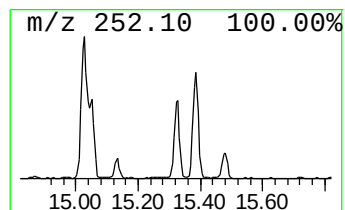
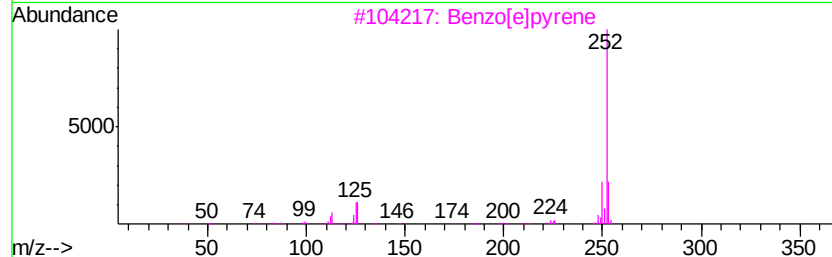
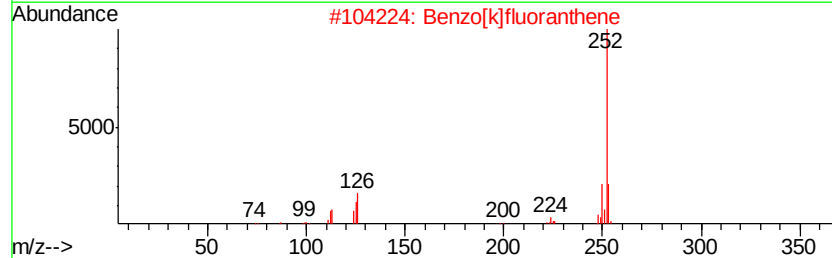
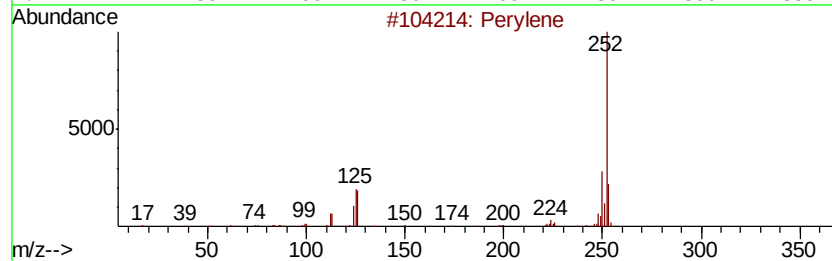
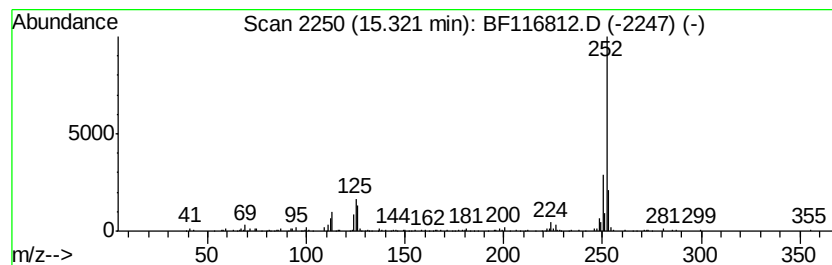
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	7.62 ng	196827	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]pyrene	252	C20H12	000192-97-2	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116812.D
Acq On : 4 Sep 2019 13:44
Operator : HP/JU
Sample : K4623-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

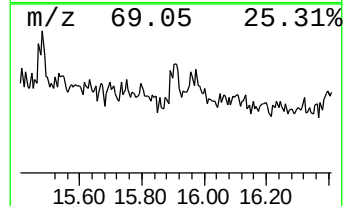
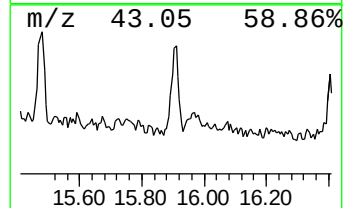
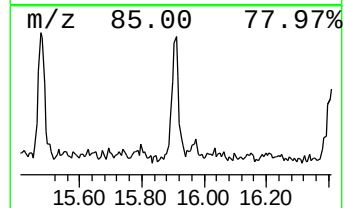
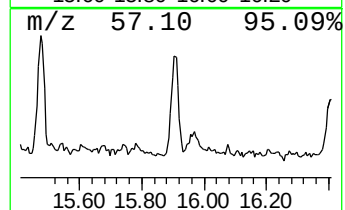
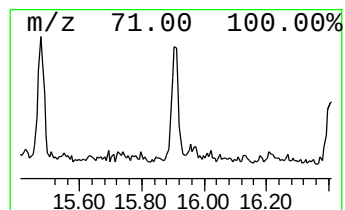
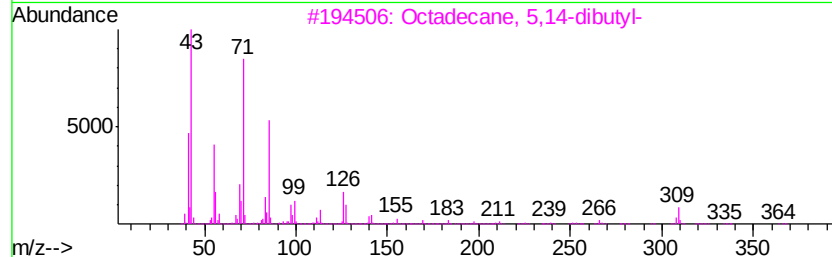
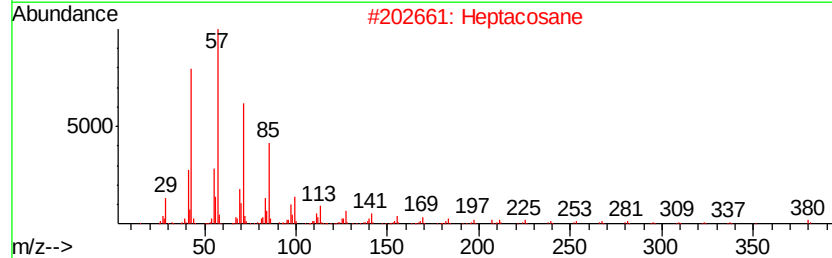
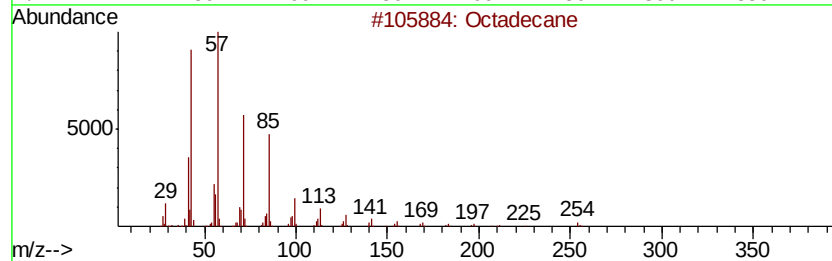
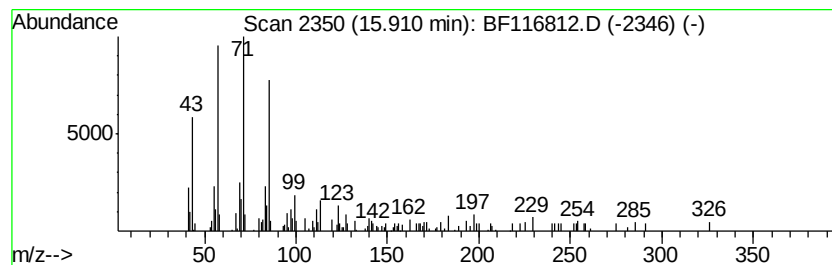
Instrument :
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ClientSampleId :
PAR-11-E1-E4-(0-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.91	3.33 ng	85960	Perylene-d12		15.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptacosane	380	C27H56	000593-49-7	72
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116812.D
Acq On : 4 Sep 2019 13:44
Operator : HP/JU
Sample : K4623-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

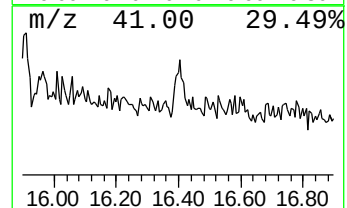
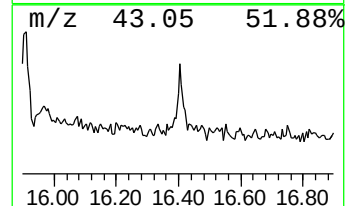
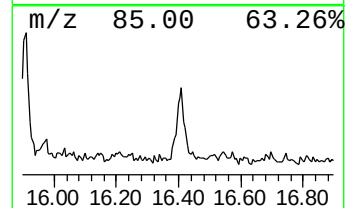
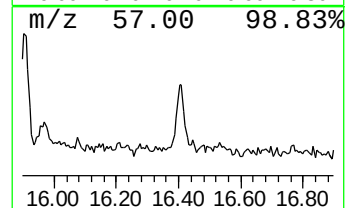
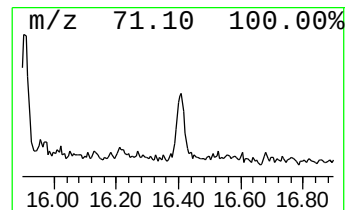
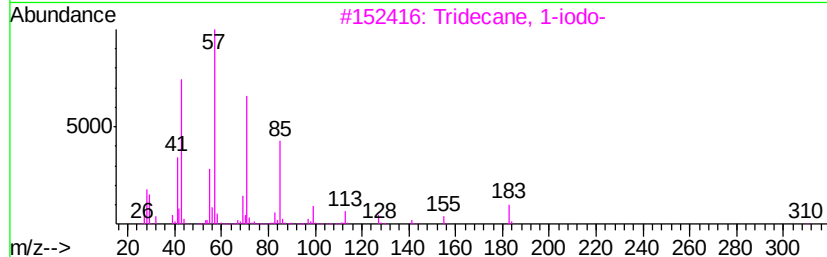
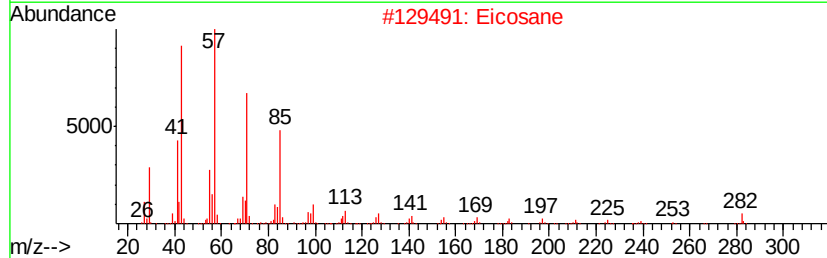
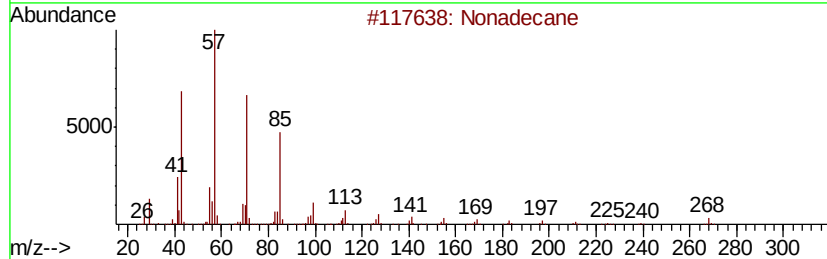
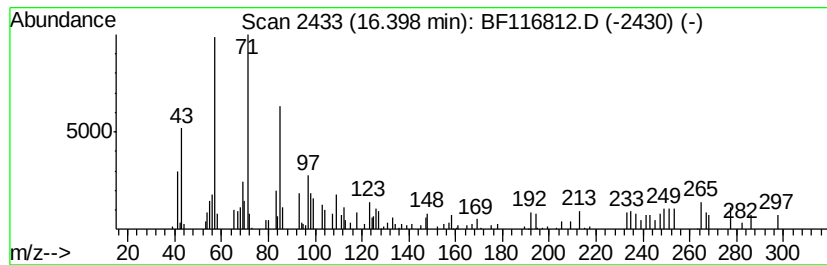
Instrument :
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ClientSampleId :
PAR-11-E1-E4-(0-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.21 ng	57174	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane		268 C19H40	000629-92-5 58
2	Eicosane		282 C20H42	000112-95-8 52
3	Tridecane, 1-iodo-		310 C13H27I	035599-77-0 50
4	Sulfurous acid, 2-ethylhexyl hex...		278 C14H30O3S	1000309-20-2 47
5	Hexadecane, 2,6,10,14-tetramethyl-		282 C20H42	000638-36-8 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116812.D
Acq On : 4 Sep 2019 13:44
Operator : HP/JU
Sample : K4623-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-11-E1-E4-(0-4)

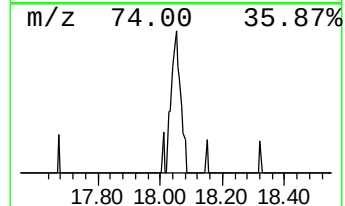
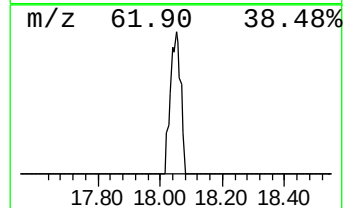
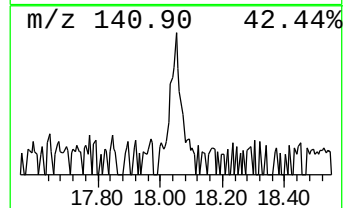
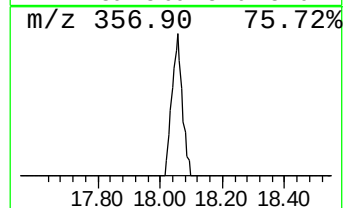
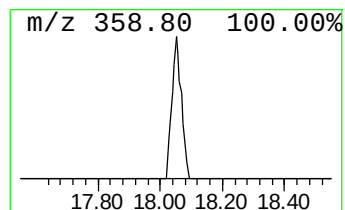
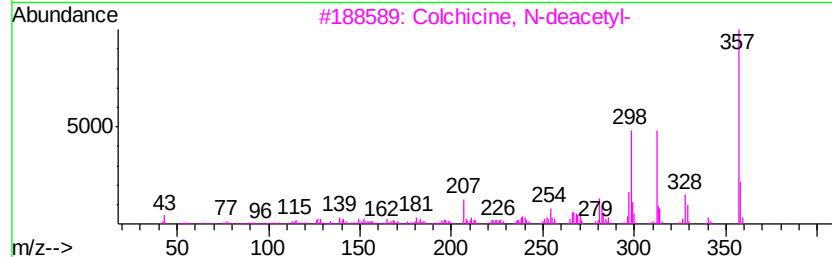
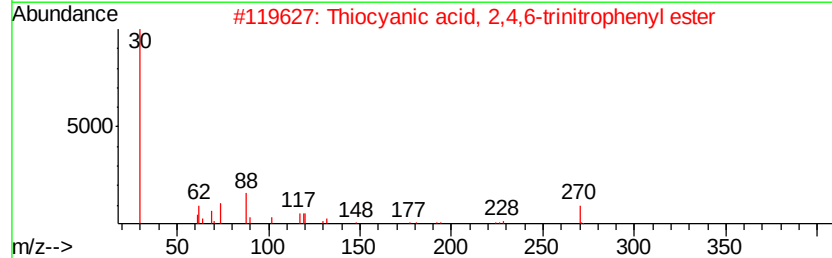
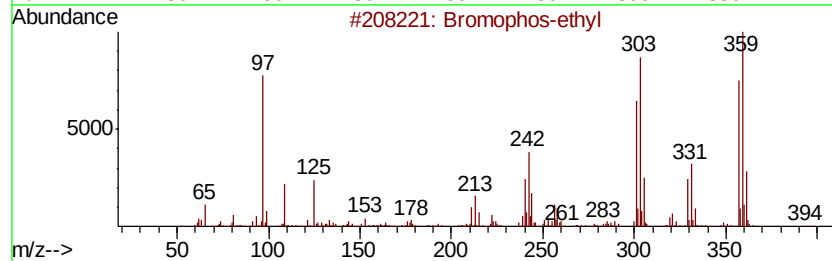
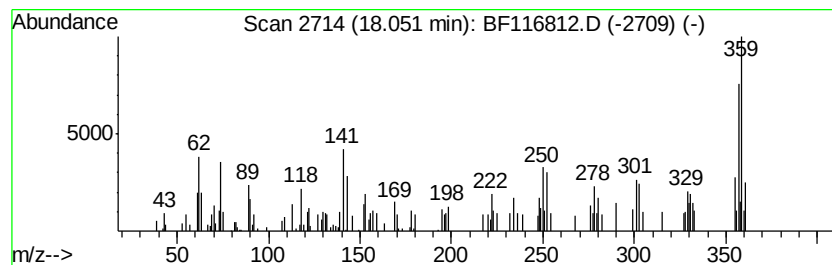
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown18.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.52 ng	90849	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromophos-ethyl	392	C10H12BrCl2O3PS	004824-78-6	38
2		Thiocyanic acid, 2,4,6-trinitrop...	270	C7H2N4O6S	040864-29-7	12
3		Colchicine, N-deacetyl-	357	C20H23NO5	1000128-25-7	11
4		Quinoline, 8-chloro-4-(4-chlorop...	357	C16H8Cl2F3NO	1000267-23-4	10
5		Quinoline, 6-chloro-4-(4-chlorop...	357	C16H8Cl2F3NO	1000269-04-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
Data File : BF116812.D
Acq On : 4 Sep 2019 13:44
Operator : HP/JU
Sample : K4623-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-11-E1-E4-(0-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
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n-Hexadecanoic acid	11.89	6.6	ng	211841	4	11.36	645500	20.0
11H-Benzo[a]fluor...	13.84	7.0	ng	294519	5	14.00	840298	20.0
unknown14.51	14.51	4.5	ng	188451	5	14.00	840298	20.0
Eicosane	15.10	3.1	ng	80404	6	15.45	516815	20.0
Perylene	15.32	7.6	ng	196827	6	15.45	516815	20.0
Octadecane	15.91	3.3	ng	85960	6	15.45	516815	20.0
Nonadecane	16.40	2.2	ng	57174	6	15.45	516815	20.0
unknown18.05	18.05	3.5	ng	90849	6	15.45	516815	20.0