

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115925.D
 Acq On : 1 Aug 2019 23:42
 Operator : HP/JU
 Sample : K4044-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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-BF073019.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	2.134	3	8	22	rVB	887591	1183465	29.42%	3.153%
2	5.481	572	577	580	rBV	3480672	3526453	87.67%	9.395%
3	6.493	743	749	767	rBV	3384124	3862330	96.02%	10.290%
4	6.628	767	772	775	rBV	3953905	3819980	94.97%	10.177%
5	6.851	807	810	819	rBV	1048040	864240	21.49%	2.302%
6	7.010	833	837	840	rBV	3392506	3025934	75.23%	8.061%
7	7.416	901	906	909	rBV	2476183	2458711	61.13%	6.550%
8	8.134	1024	1028	1052	rVB	1190966	1060750	26.37%	2.826%
9	9.216	1207	1212	1215	rBV	4035596	4022298	100.00%	10.716%
10	9.604	1274	1278	1292	rBV	525492	459765	11.43%	1.225%
11	9.892	1323	1327	1336	rBV	1466900	1189957	29.58%	3.170%
12	10.681	1457	1461	1478	rBV	2315865	2416293	60.07%	6.437%
13	11.380	1576	1580	1587	rBV	1089252	1058513	26.32%	2.820%
14	11.904	1666	1669	1677	rBV2	265102	318419	7.92%	0.848%
15	12.592	1783	1786	1794	rBV	130598	119666	2.98%	0.319%
16	12.692	1799	1803	1810	rBV	117714	165827	4.12%	0.442%
17	12.822	1820	1825	1830	rVB	112814	122825	3.05%	0.327%
18	12.963	1844	1849	1852	rBV	3509338	3168680	78.78%	8.442%
19	13.439	1923	1930	1936	rBV	223531	254184	6.32%	0.677%
20	13.533	1936	1946	1948	rBV7	71510	156828	3.90%	0.418%
21	13.880	1988	2005	2019	rBV6	158100	706351	17.56%	1.882%
22	14.021	2024	2029	2032	rBV	916967	989023	24.59%	2.635%
23	14.174	2052	2055	2059	rBV	54901	53974	1.34%	0.144%
24	14.480	2104	2107	2111	rVB	117321	111023	2.76%	0.296%
25	14.786	2156	2159	2165	rVB	147017	140827	3.50%	0.375%
26	15.063	2202	2206	2208	rBV	84936	116642	2.90%	0.311%
27	15.121	2213	2216	2223	rVB2	220637	299688	7.45%	0.798%
28	15.363	2254	2257	2263	rVB	53891	79339	1.97%	0.211%
29	15.427	2264	2268	2273	rVV2	80658	133757	3.33%	0.356%
30	15.492	2273	2279	2294	rVB	722756	1194206	29.69%	3.182%
31	15.939	2350	2355	2361	rBV	118549	181543	4.51%	0.484%
32	16.439	2436	2440	2450	rVB2	62685	123220	3.06%	0.328%
33	17.027	2537	2540	2546	rVB3	21001	43212	1.07%	0.115%
34	17.292	2580	2585	2593	rVB7	46461	107962	2.68%	0.288%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

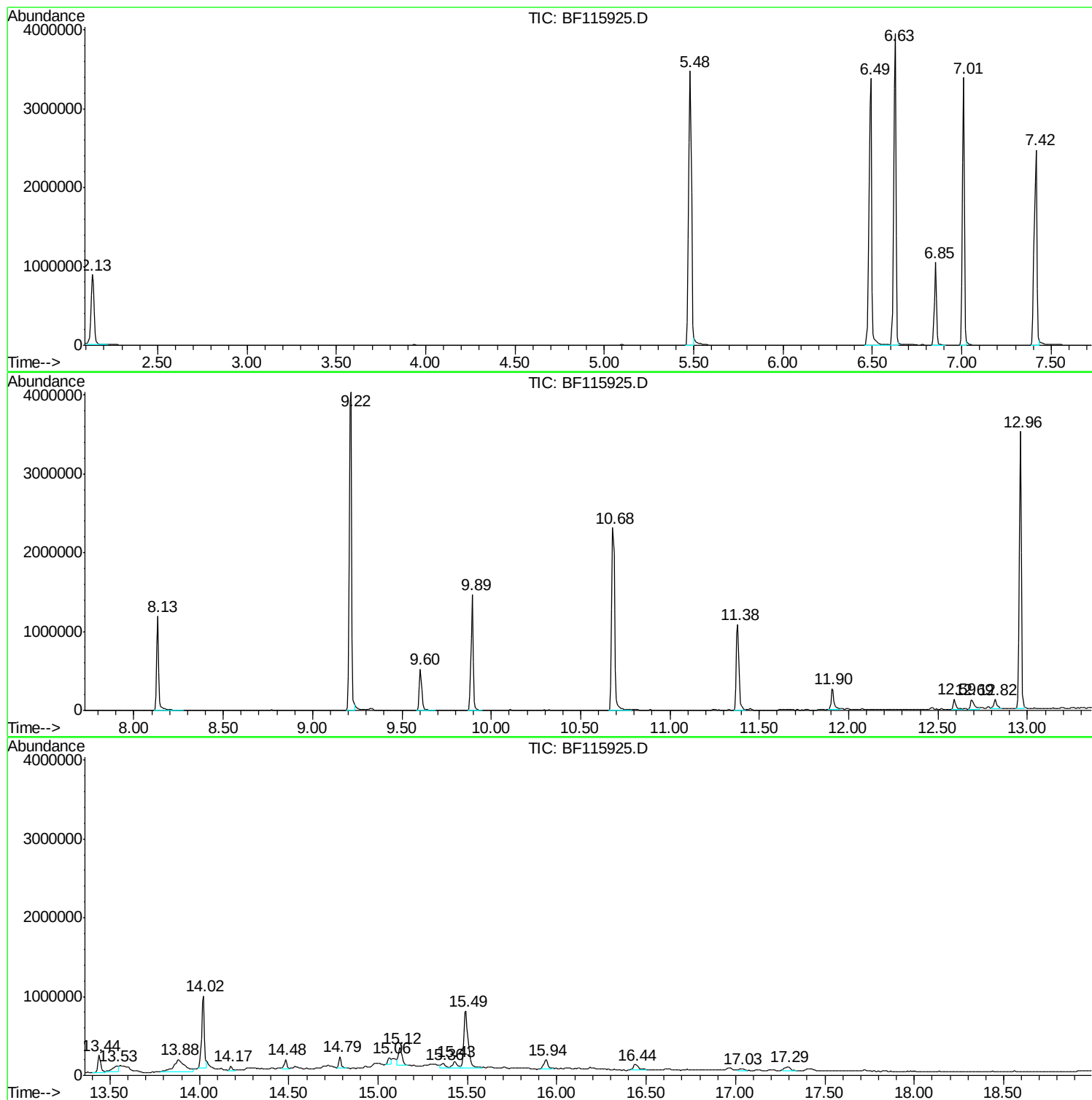
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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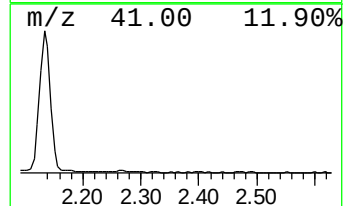
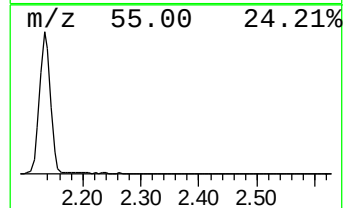
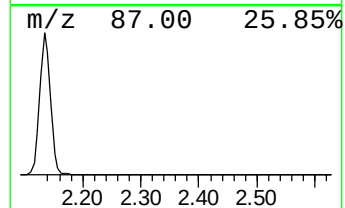
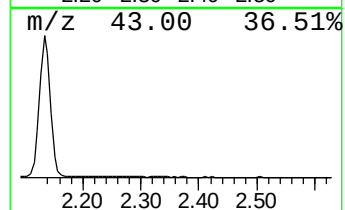
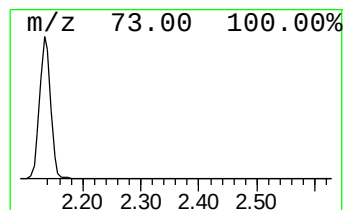
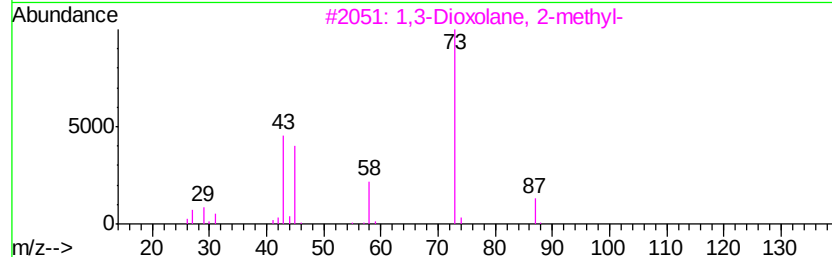
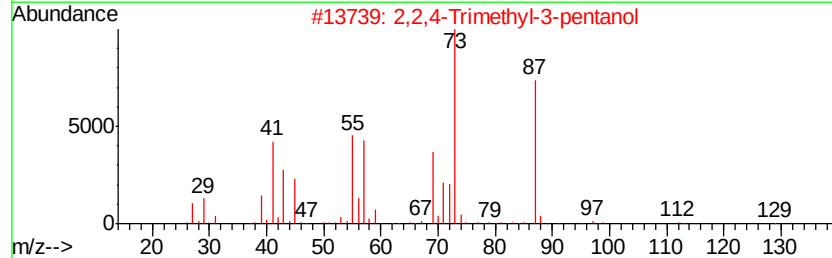
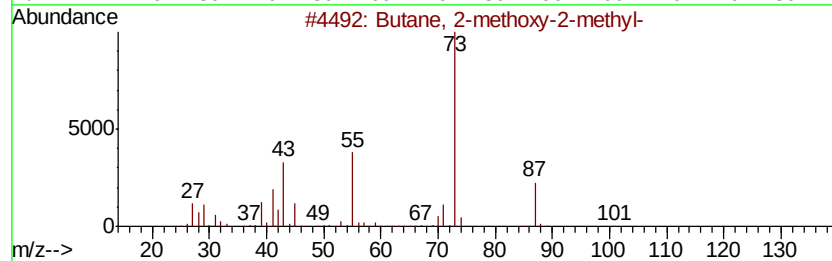
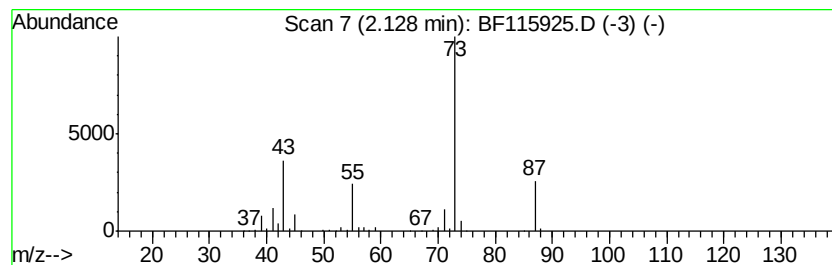
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	27.39 ng	1183470	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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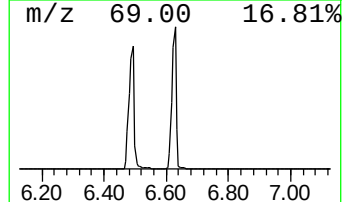
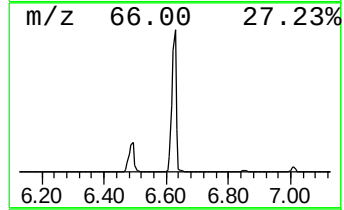
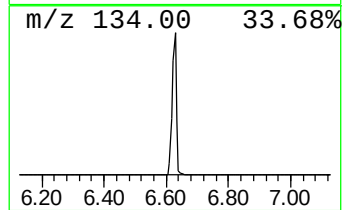
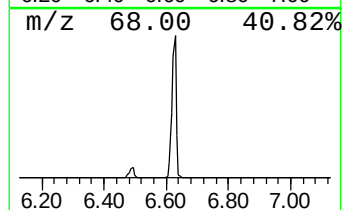
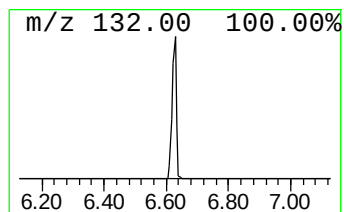
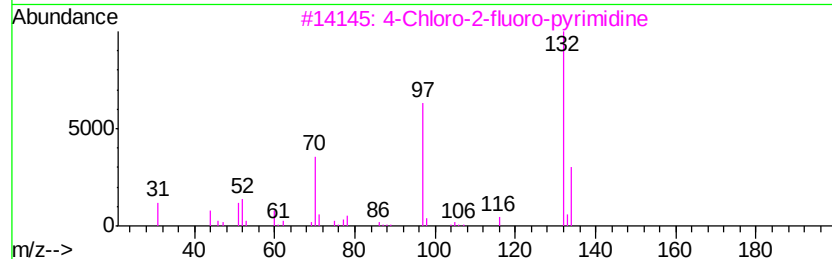
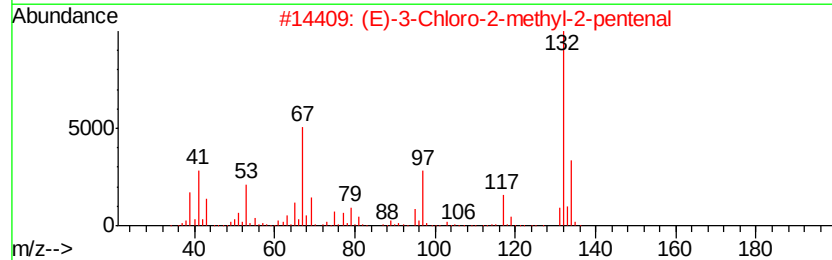
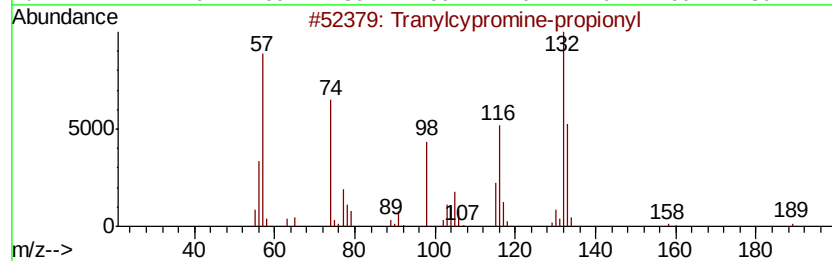
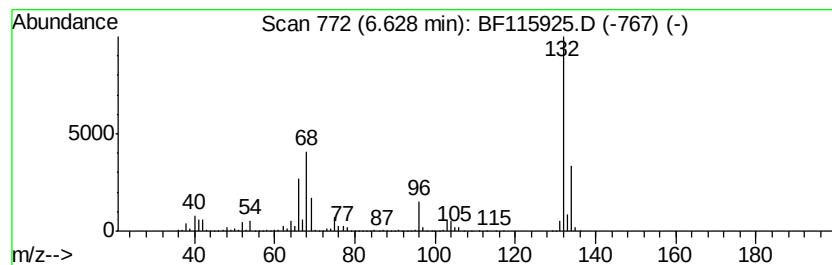
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	88.40 ng	3819980	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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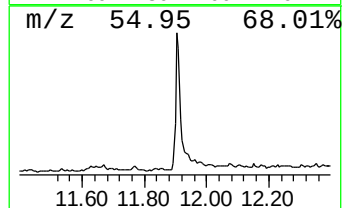
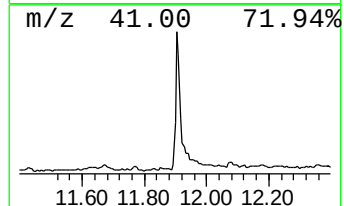
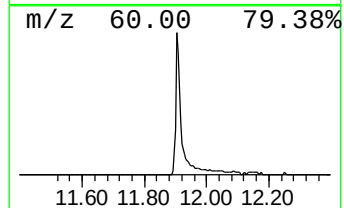
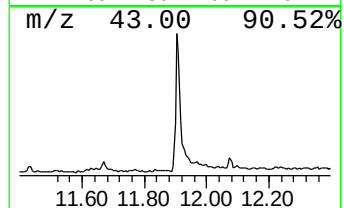
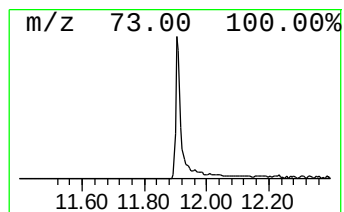
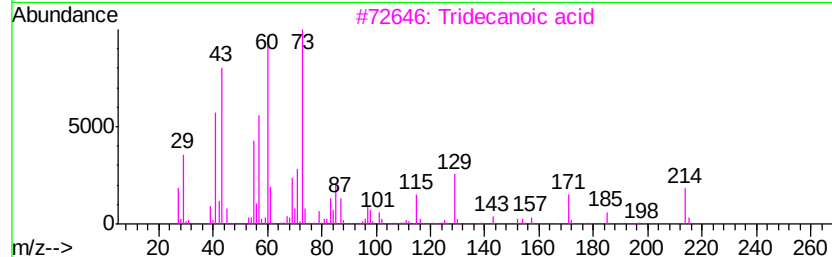
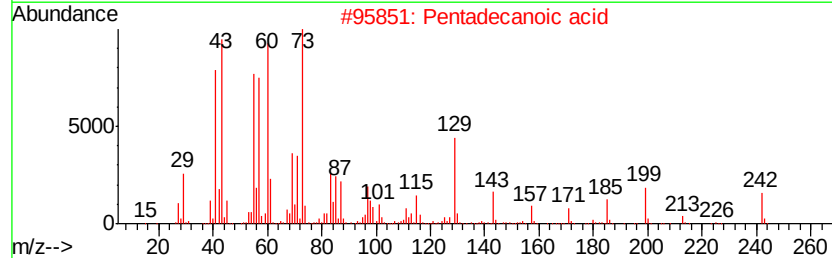
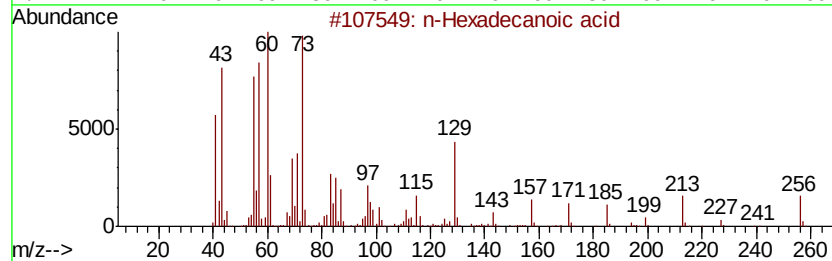
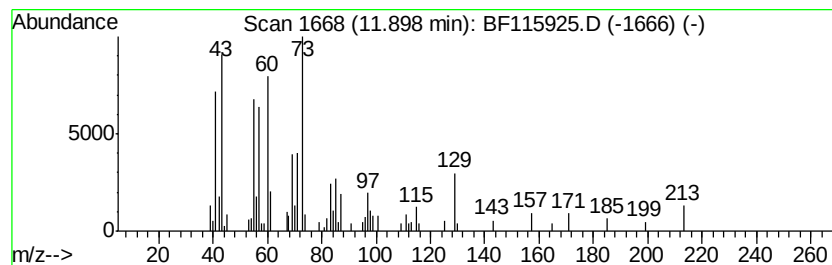
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	6.02 ng	318419	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



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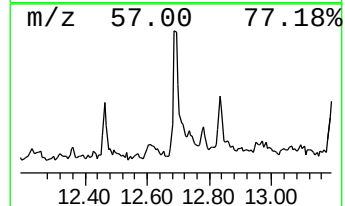
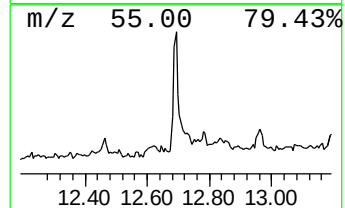
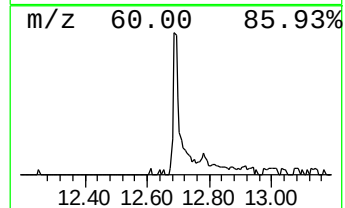
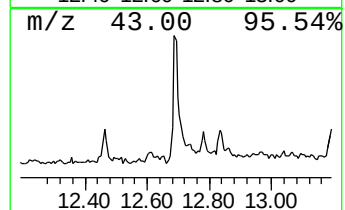
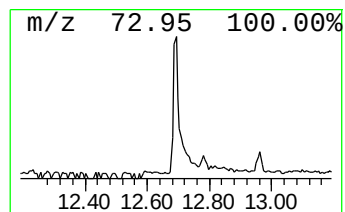
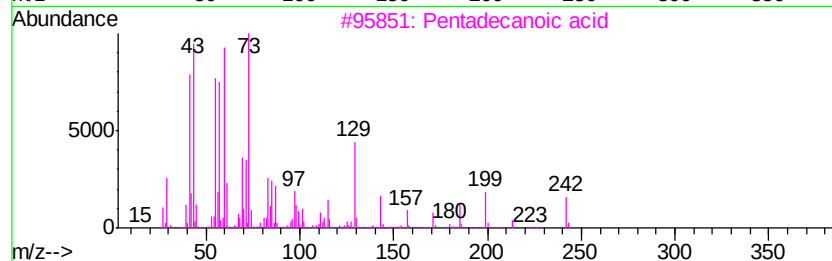
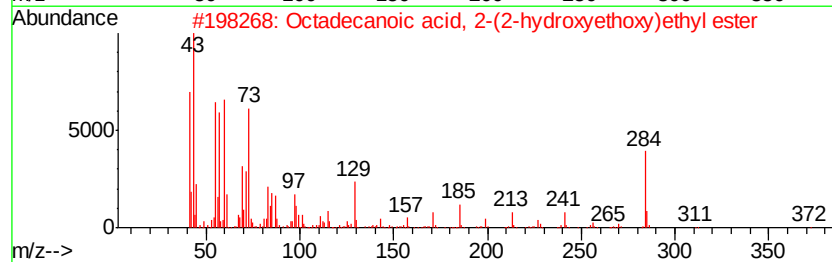
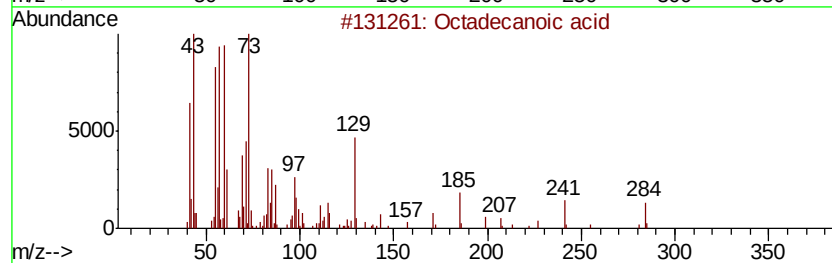
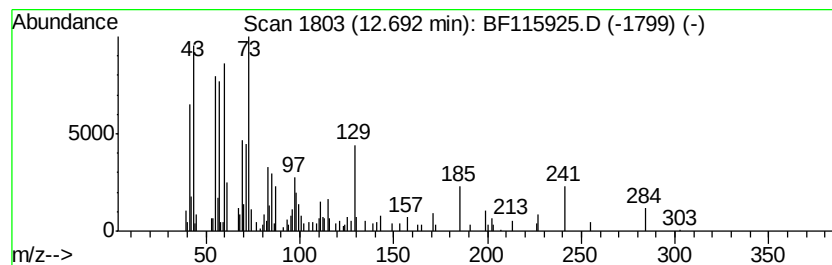
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.13 ng	165827	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60



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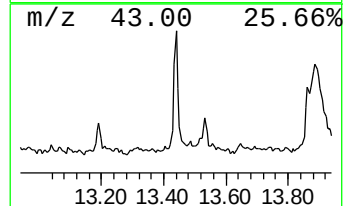
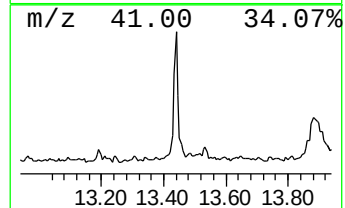
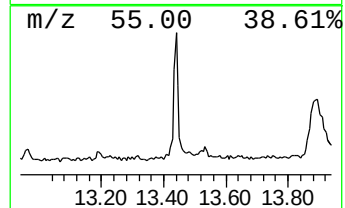
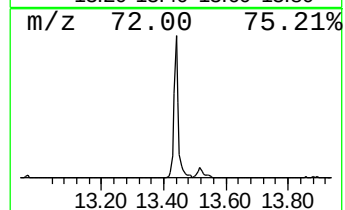
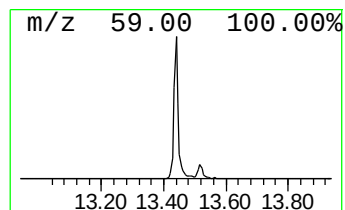
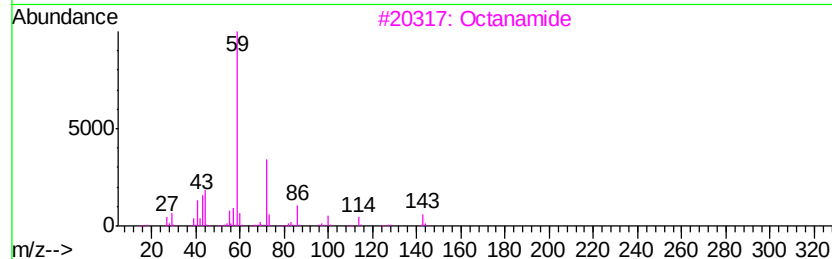
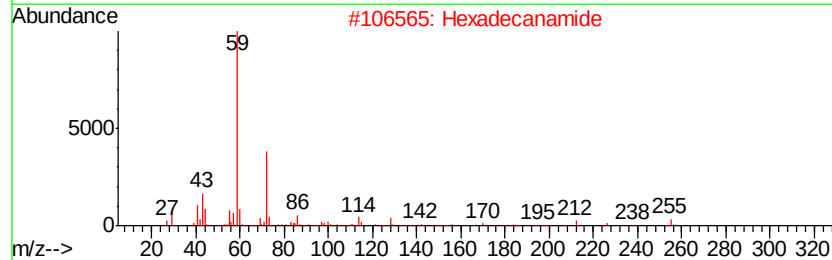
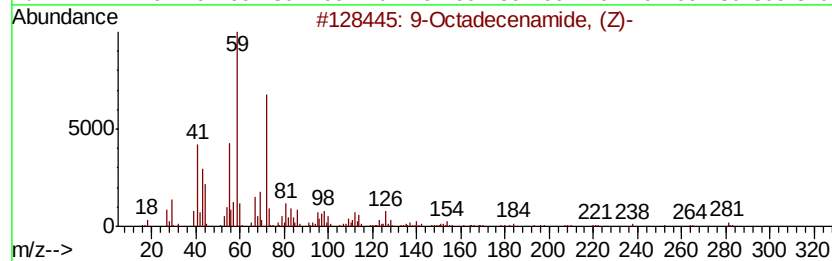
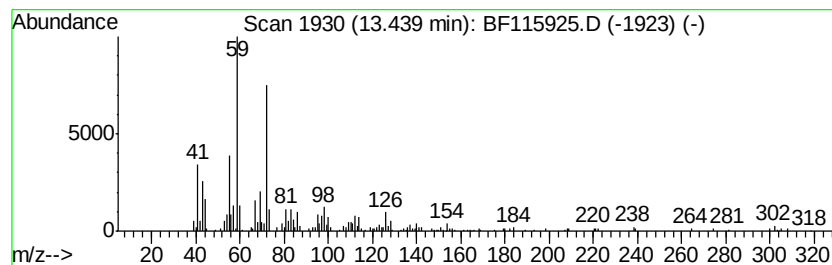
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.44	5.14 ng	254184	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Hexadecanamide	255	C16H33NO	000629-54-9	53
3	Octanamide	143	C8H17NO	000629-01-6	47
4	Nonanamide	157	C9H19NO	001120-07-6	46
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	38



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ClientSampleId :
TP-3

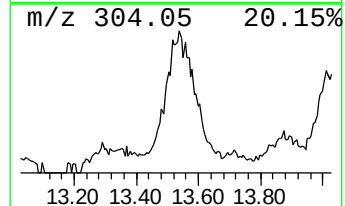
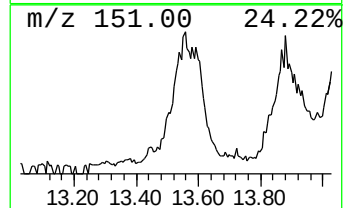
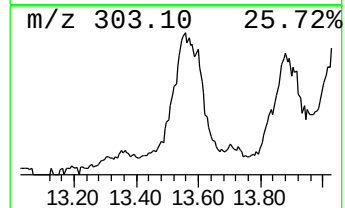
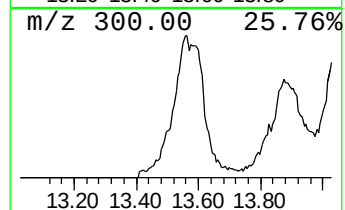
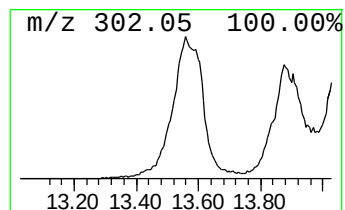
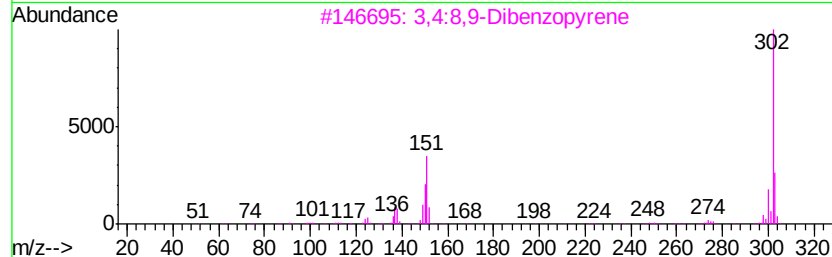
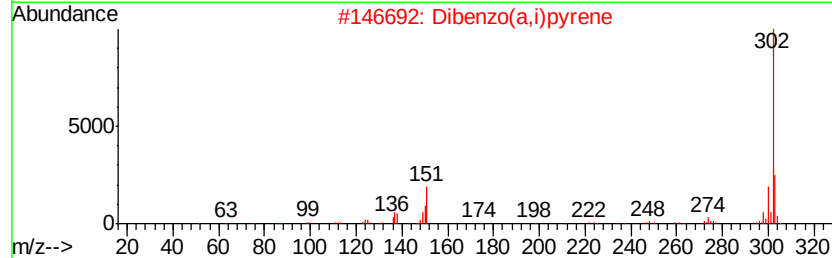
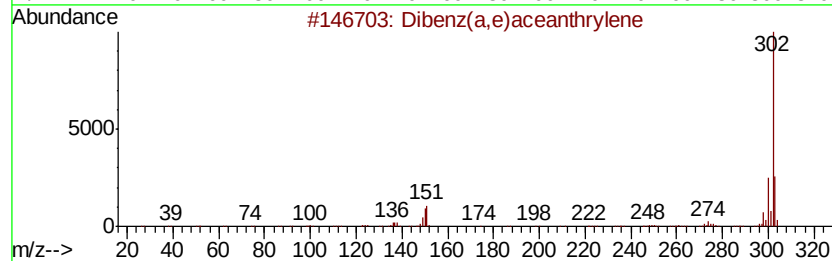
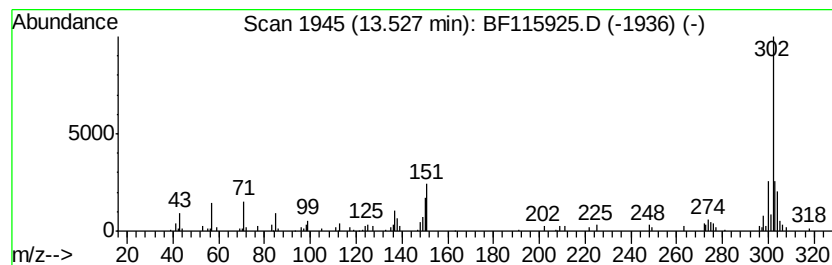
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenz(a,e)aceanthrylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.17 ng	156828	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
2		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	95
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
5		1H-Imidazo[4,5-b]phenazine, 2-(2...	302	C17H10N4S	1000319-15-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Acq On : 1 Aug 2019 23:42
Operator : HP/JU
Sample : K4044-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

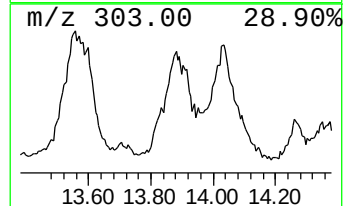
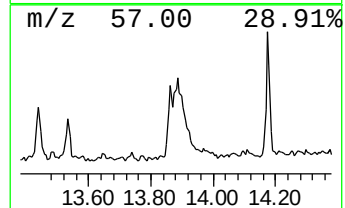
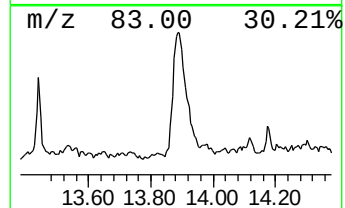
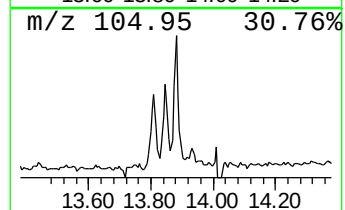
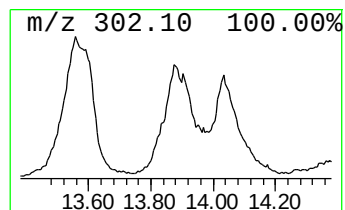
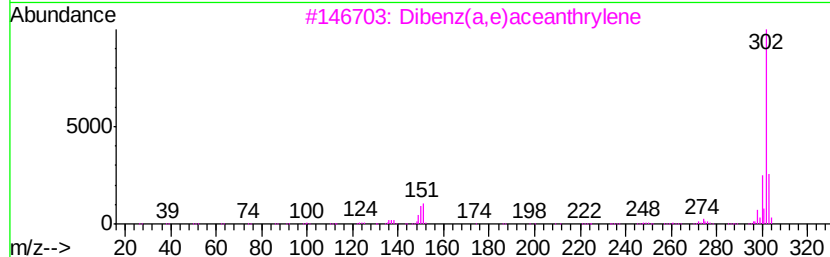
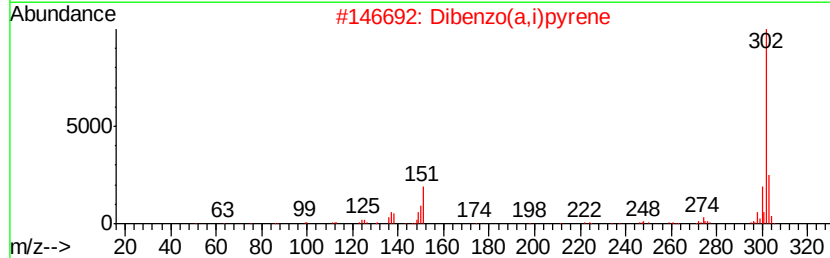
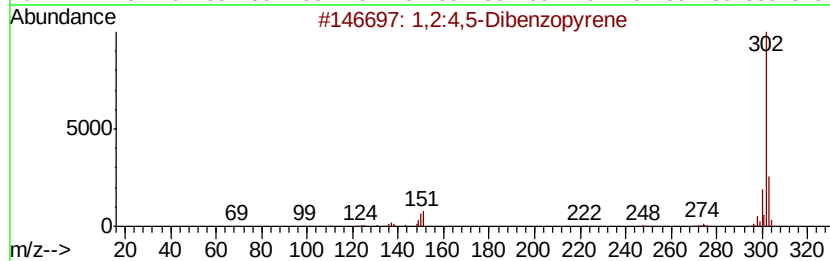
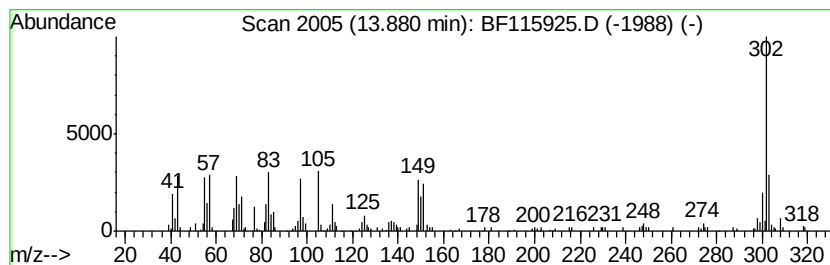
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,2:4,5-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	14.28 ng	706351	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2:4,5-Dibenzopyrene	302 C24H14	000192-65-4	96
2	Dibenzo(a,i)pyrene	302 C24H14	000189-55-9	95
3	Dibenz(a,e)aceanthrylene	302 C24H14	005385-75-1	95
4	3,4:8,9-Dibenzopyrene	302 C24H14	000189-64-0	93
5	1,2,9,10-Dibenzopyrene	302 C24H14	000191-30-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Sample : K4044-17
Misc :
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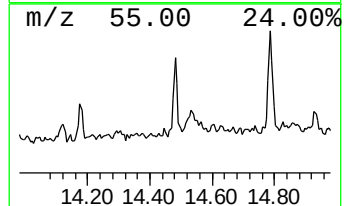
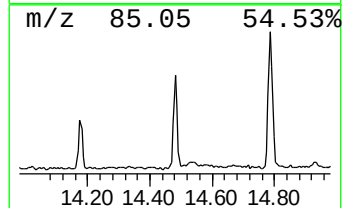
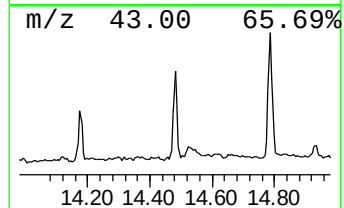
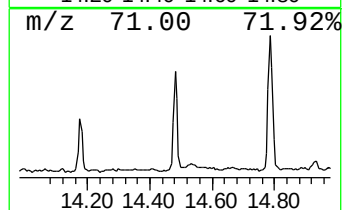
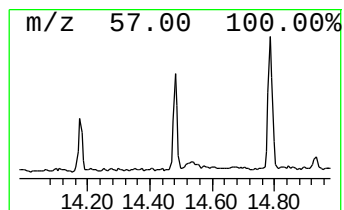
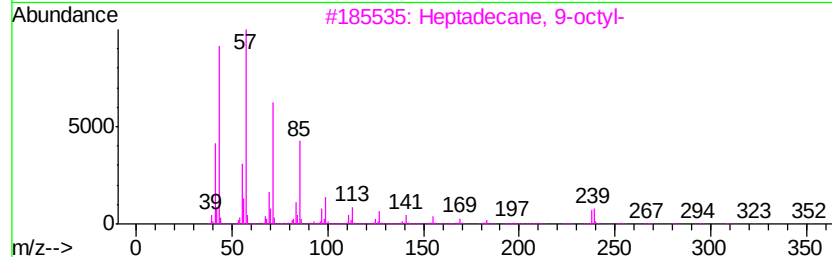
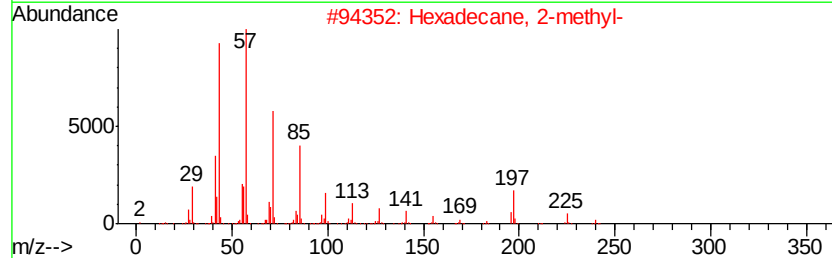
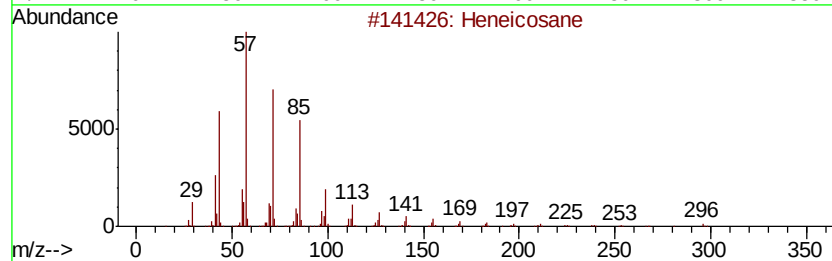
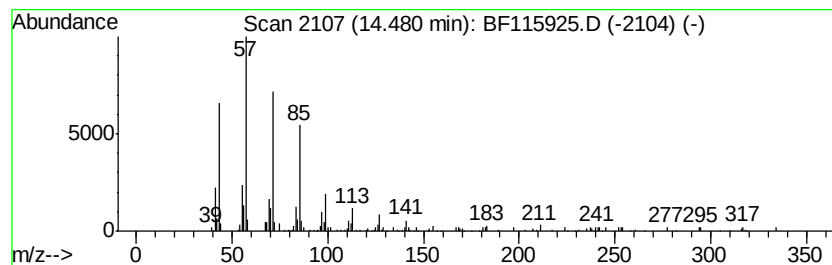
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.48	2.25 ng	111023	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115925.D
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 Sample : K4044-17
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Instrument :
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 ClientSampleId :
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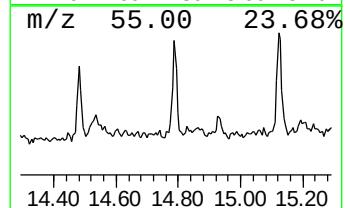
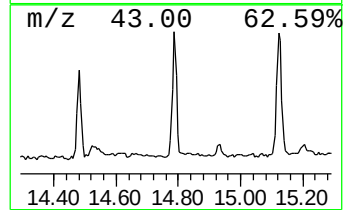
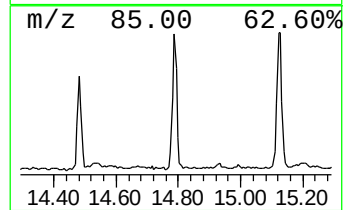
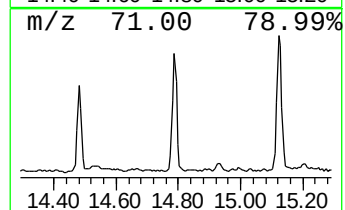
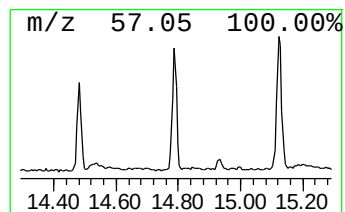
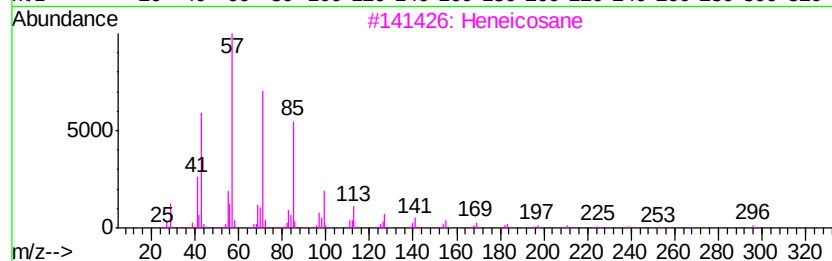
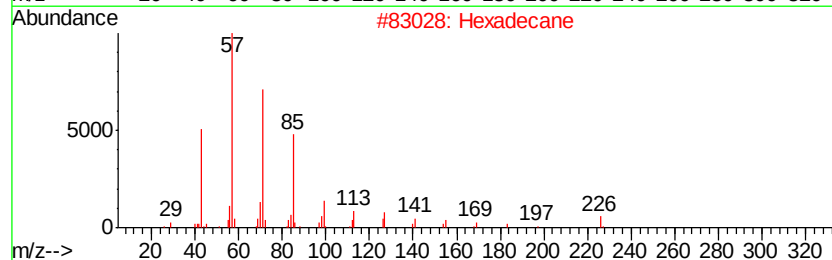
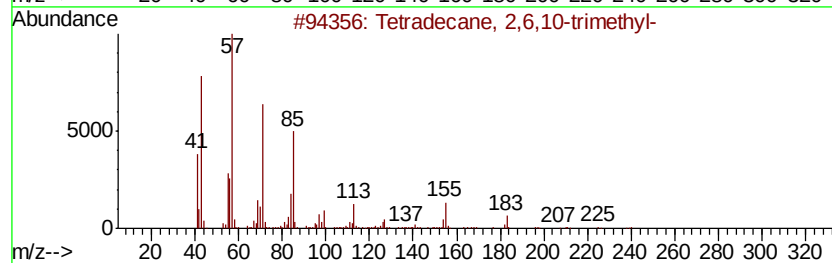
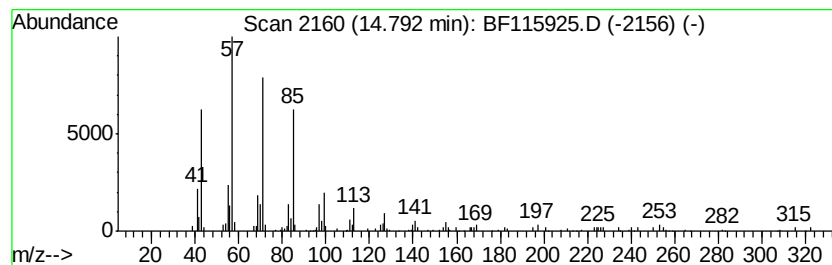
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 10 Tetradecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.36 ng	140827	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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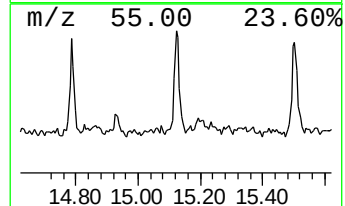
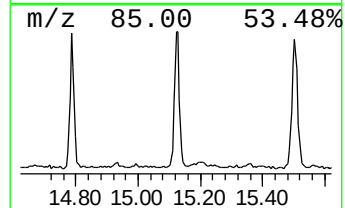
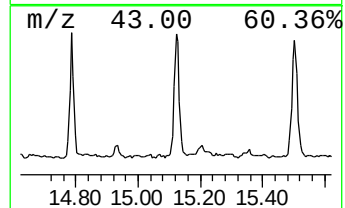
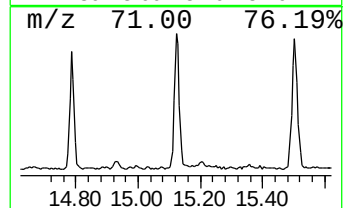
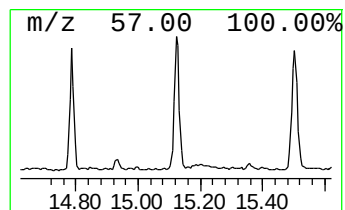
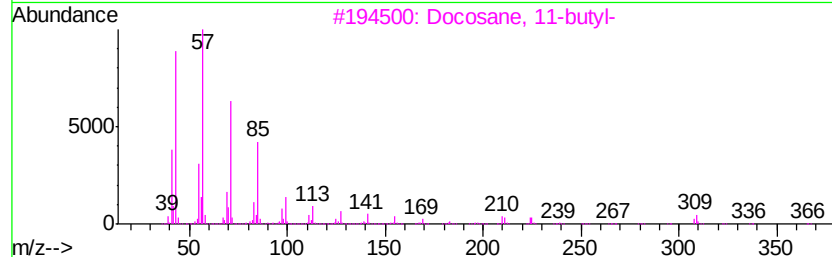
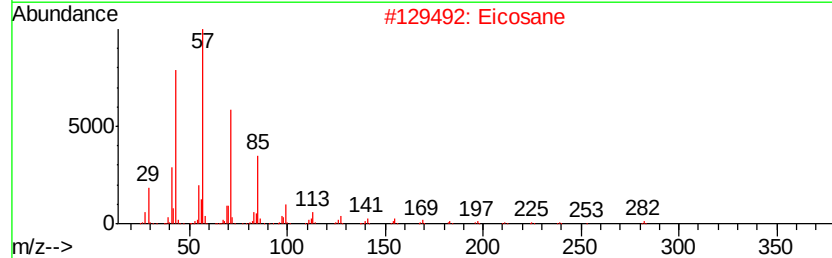
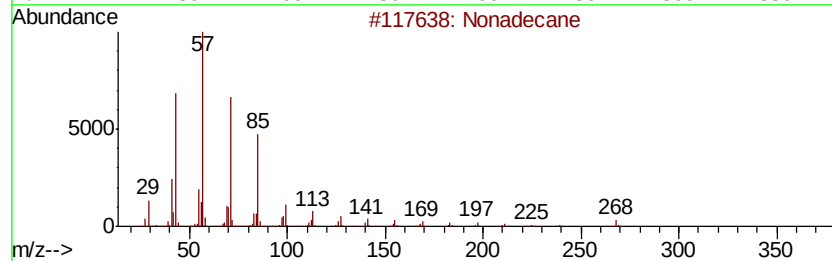
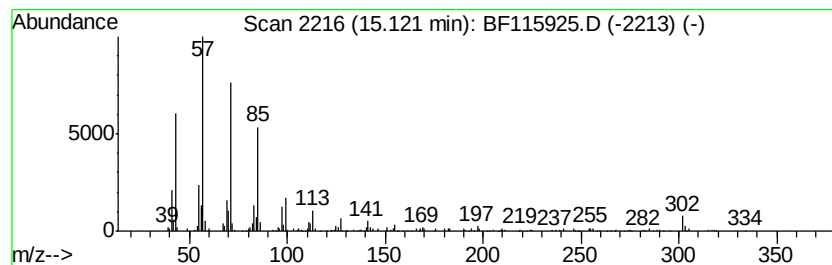
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	5.02 ng	299688	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Eicosane		282	C20H42	000112-95-8	90
3	Docosane, 11-butyl-		366	C26H54	013475-76-8	87
4	Heptacosane		380	C27H56	000593-49-7	87
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Misc :
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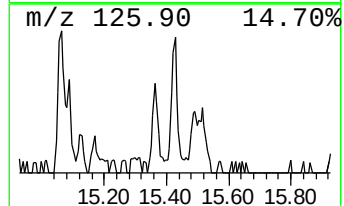
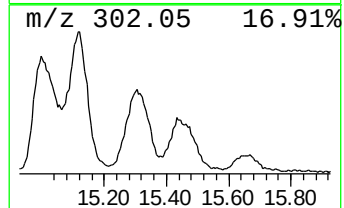
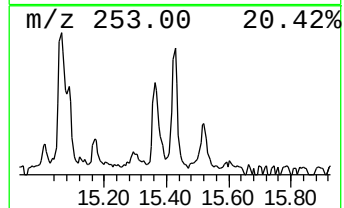
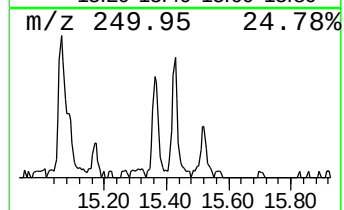
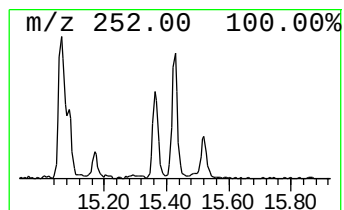
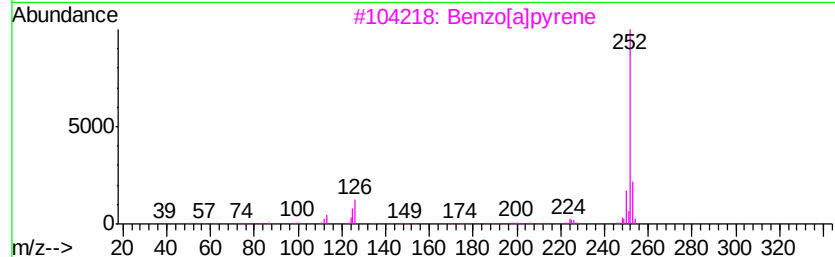
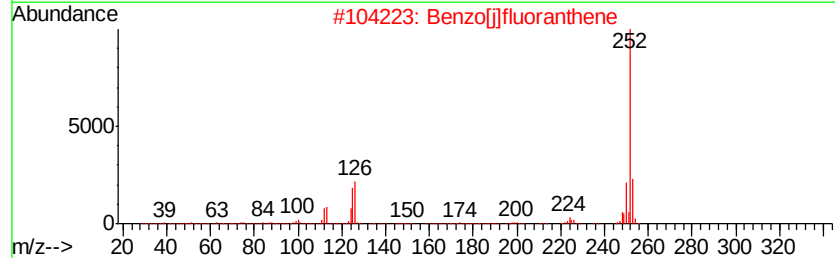
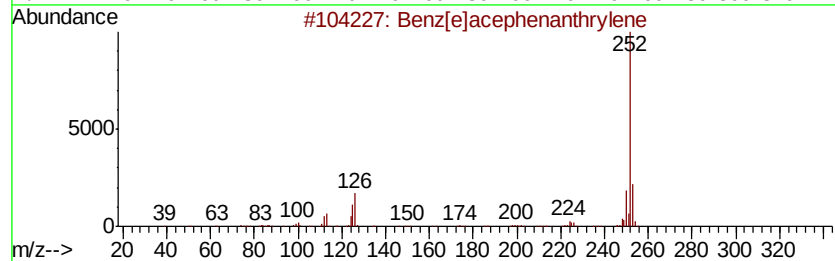
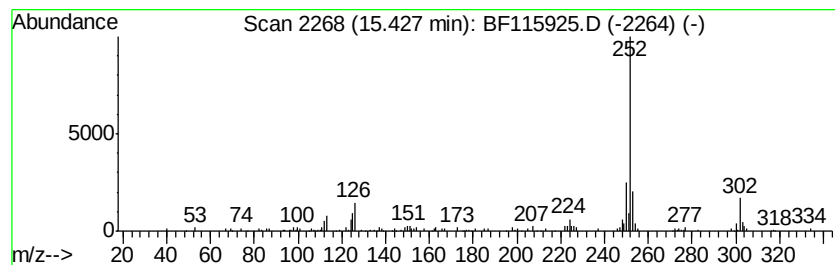
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.24 ng	133757	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[e]pyrene	252	C20H12	000192-97-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



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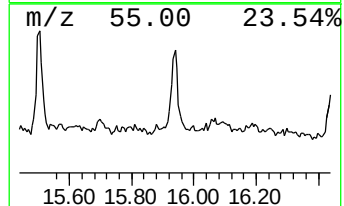
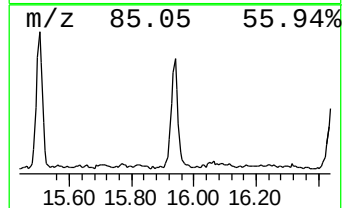
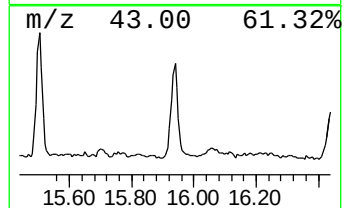
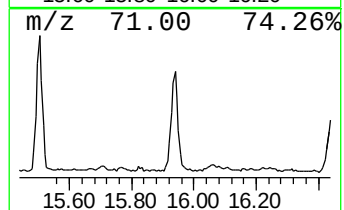
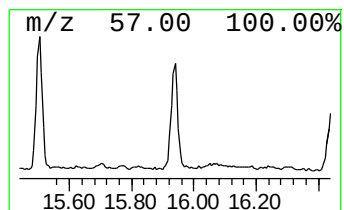
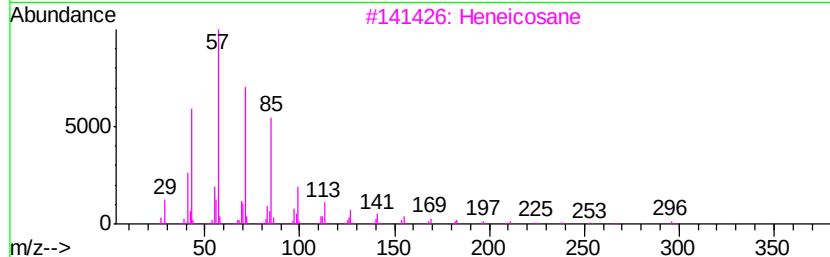
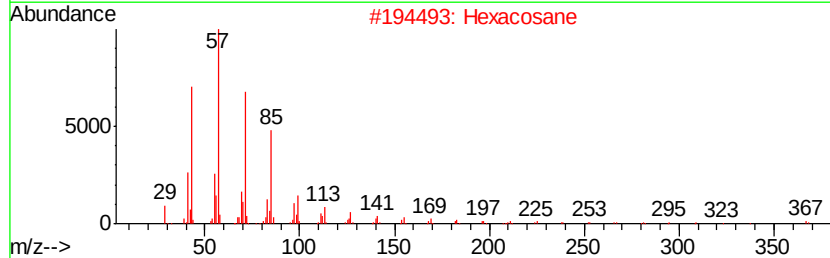
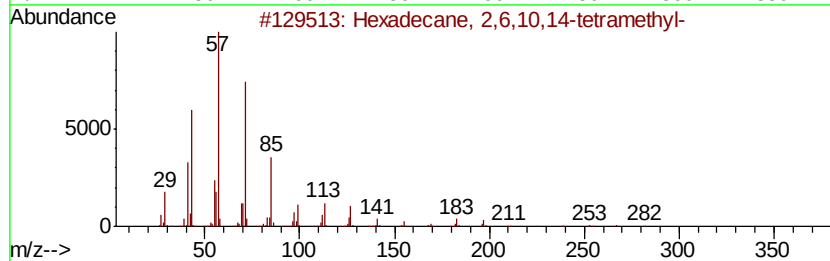
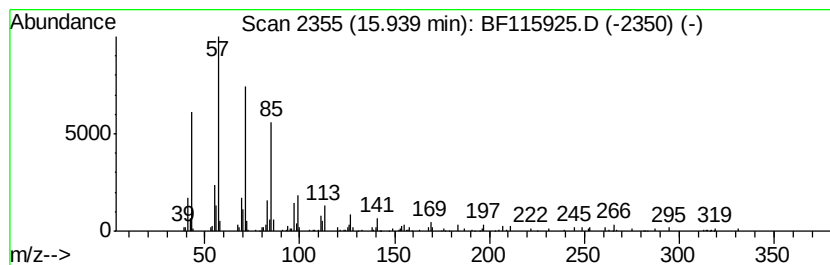
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.04 ng	181543	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Docosane	310	C22H46	000629-97-0	87
5		Hentriacontane	437	C31H64	000630-04-6	87



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Acq On : 1 Aug 2019 23:42
Operator : HP/JU
Sample : K4044-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

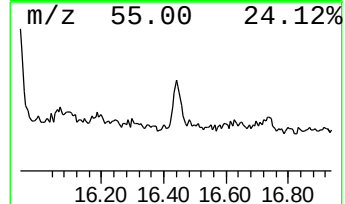
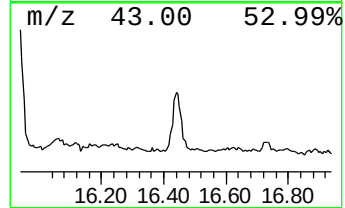
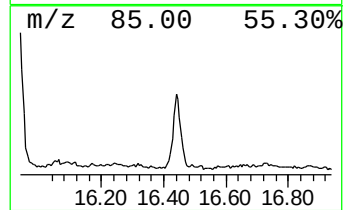
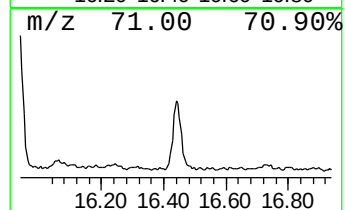
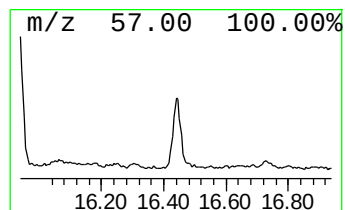
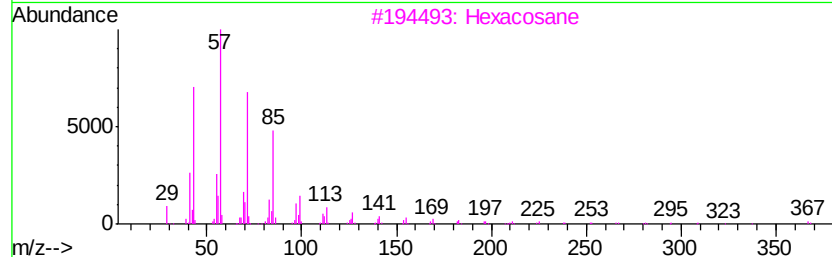
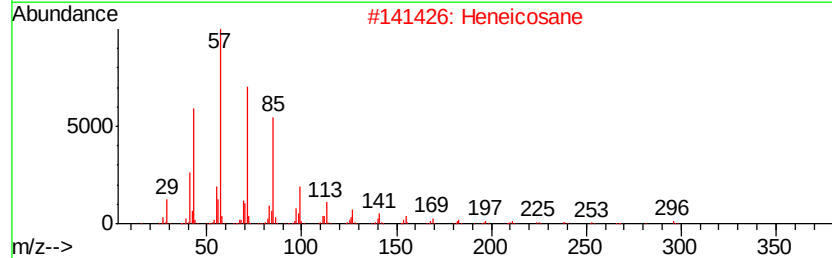
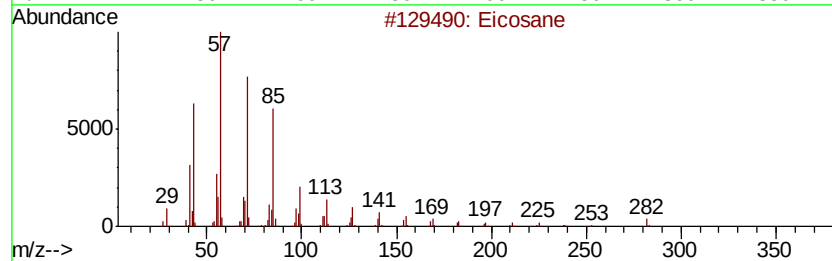
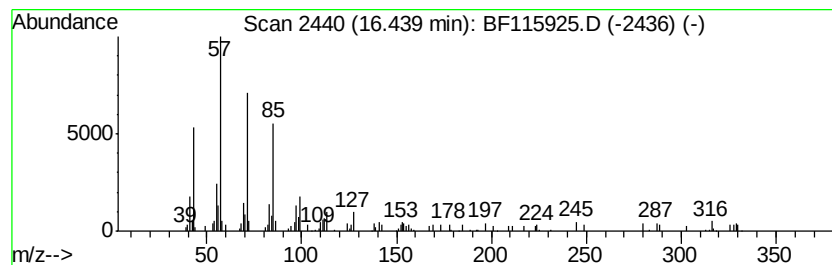
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.06 ng	123220	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	68
2		Heneicosane	296	C21H44	000629-94-7	68
3		Hexacosane	366	C26H54	000630-01-3	68
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	64
5		Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
Data File : BF115925.D
Acq On : 1 Aug 2019 23:42
Operator : HP/JU
Sample : K4044-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
Butane, 2-methoxy...	2.13	27.4	ng	1183470	1	6.85	864240	20.0
unknown6.63	6.63	88.4	ng	3819980	1	6.85	864240	20.0
n-Hexadecanoic acid	11.90	6.0	ng	318419	4	11.38	1058510	20.0
Octadecanoic acid	12.69	3.1	ng	165827	4	11.38	1058510	20.0
9-Octadecenamide,...	13.44	5.1	ng	254184	5	14.02	989023	20.0
Dibenz(a,e)aceant...	13.53	3.2	ng	156828	5	14.02	989023	20.0
1,2:4,5-Dibenzopy...	13.88	14.3	ng	706351	5	14.02	989023	20.0
Heneicosane	14.48	2.3	ng	111023	5	14.02	989023	20.0
Tetradecane, 2,6,...	14.79	2.4	ng	140827	6	15.49	1194210	20.0
Nonadecane	15.12	5.0	ng	299688	6	15.49	1194210	20.0
Benzo[e]pyrene	15.43	2.2	ng	133757	6	15.49	1194210	20.0
Hexadecane, 2,6,1...	15.94	3.0	ng	181543	6	15.49	1194210	20.0
Eicosane	16.44	2.1	ng	123220	6	15.49	1194210	20.0