

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116806.D
 Acq On : 4 Sep 2019 11:03
 Operator : HP/JU
 Sample : K4623-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-D1-D4-(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	569	574	577	rBV	1487055	1401685	86.41%	7.179%
2	6.475	741	746	749	rBV	1740834	1577699	97.26%	8.081%
3	6.616	765	770	773	rBV	1951977	1622139	100.00%	8.308%
4	6.845	806	809	812	rBV	508110	386758	23.84%	1.981%
5	7.004	832	836	839	rBV	1436164	1142526	70.43%	5.852%
6	7.404	899	904	907	rBV	1162032	976909	60.22%	5.004%
7	8.128	1023	1027	1030	rBV	638146	496132	30.59%	2.541%
8	9.198	1205	1209	1212	rBV	1852153	1479268	91.19%	7.577%
9	9.586	1272	1275	1279	rBV	223676	193857	11.95%	0.993%
10	9.881	1321	1325	1328	rBV	715297	590203	36.38%	3.023%
11	10.075	1353	1358	1364	rBV2	26113	34024	2.10%	0.174%
12	10.663	1454	1458	1462	rBV	1227131	1116758	68.84%	5.720%
13	10.869	1490	1493	1495	rBV2	18235	22679	1.40%	0.116%
14	11.245	1555	1557	1559	rVB2	35183	26438	1.63%	0.135%
15	11.363	1573	1577	1579	rBV	672527	591683	36.48%	3.030%
16	11.892	1663	1667	1670	rBV	370449	372348	22.95%	1.907%
17	12.675	1797	1800	1806	rVB	496880	471070	29.04%	2.413%
18	12.945	1842	1846	1849	rBV	1651109	1435359	88.49%	7.352%
19	13.845	1996	1999	2005	rVB2	168195	222402	13.71%	1.139%
20	13.992	2021	2024	2027	rVB	605302	556846	34.33%	2.852%
21	14.157	2049	2052	2056	rVB2	142944	156101	9.62%	0.800%
22	14.463	2100	2104	2107	rBV	307032	303835	18.73%	1.556%
23	14.663	2134	2138	2146	rVB3	147814	294386	18.15%	1.508%
24	14.763	2151	2155	2161	rVB	505375	594319	36.64%	3.044%
25	15.098	2207	2212	2223	rVB	684969	902554	55.64%	4.623%
26	15.380	2257	2260	2267	rVV4	55211	108400	6.68%	0.555%
27	15.445	2267	2271	2273	rVV	423040	519884	32.05%	2.663%
28	15.474	2273	2276	2286	rVB	619830	852666	52.56%	4.367%
29	15.904	2343	2349	2356	rBV	395974	616160	37.98%	3.156%
30	16.404	2428	2434	2440	rBV	177538	312285	19.25%	1.599%
31	16.986	2529	2533	2541	rVB2	53048	106649	6.57%	0.546%
32	17.674	2647	2650	2658	rVB7	19308	40335	2.49%	0.207%

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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

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

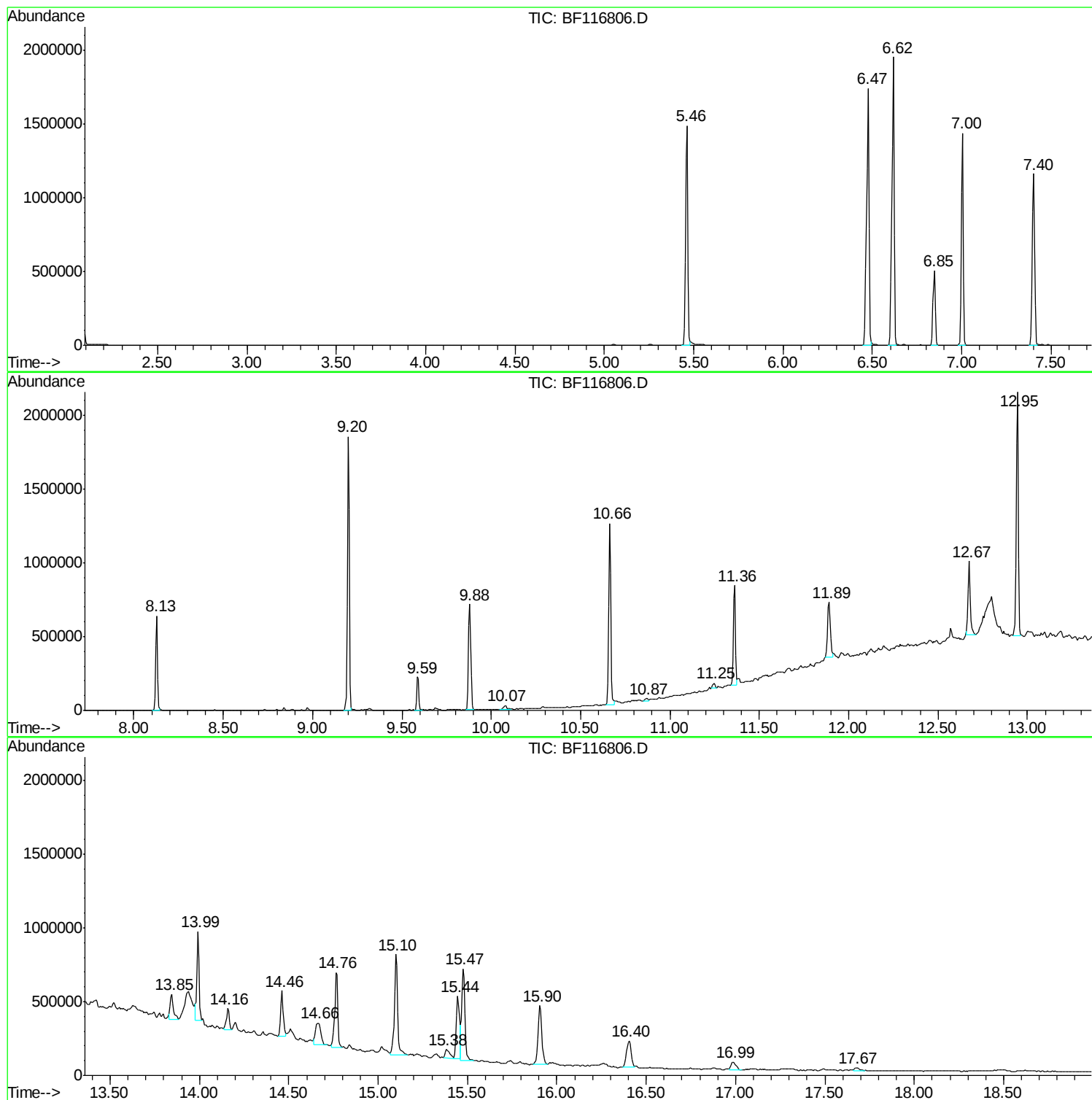
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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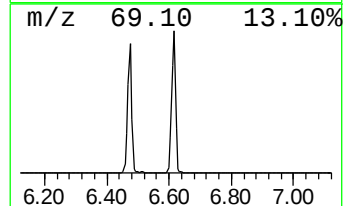
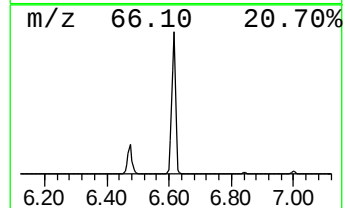
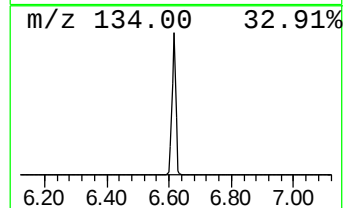
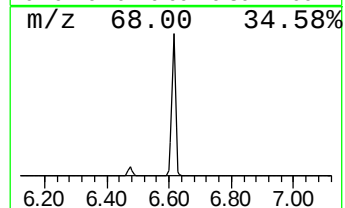
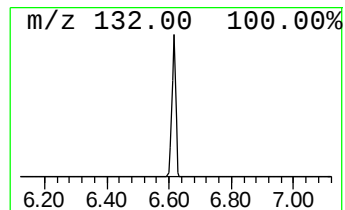
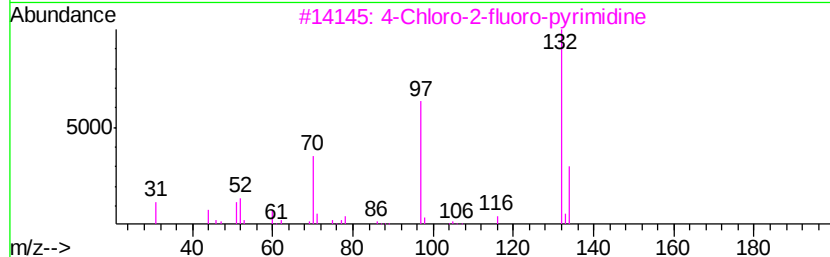
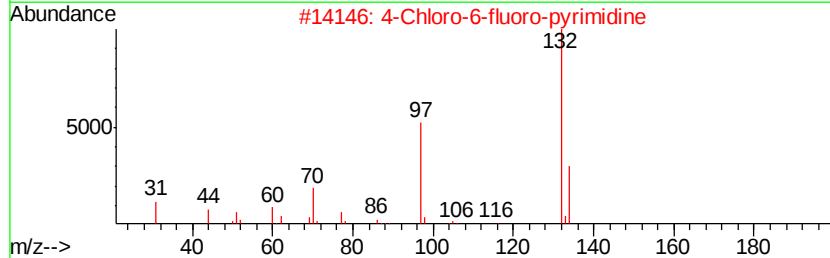
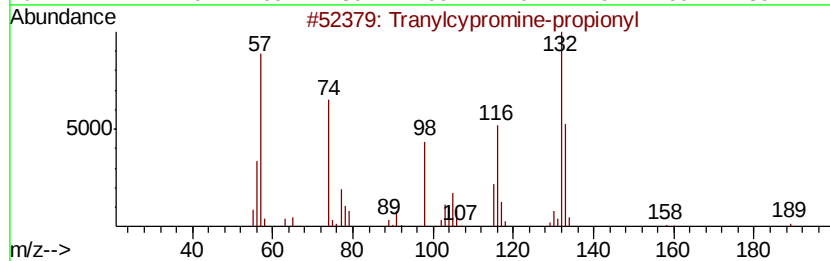
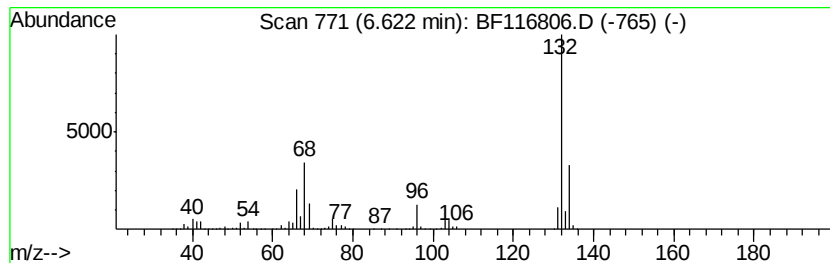
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	83.88 ng	1622140	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		Xenon	132	Xe	007440-63-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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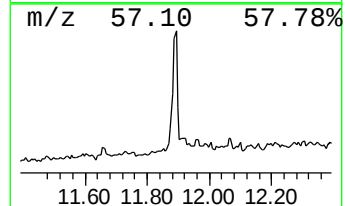
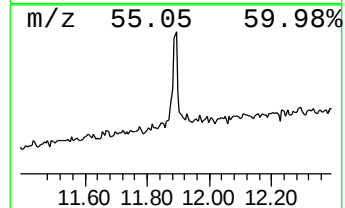
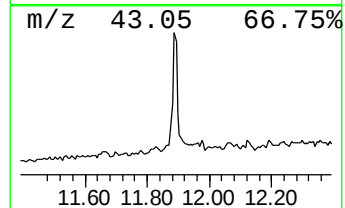
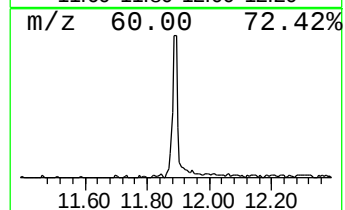
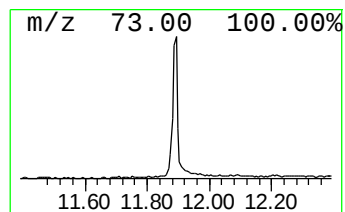
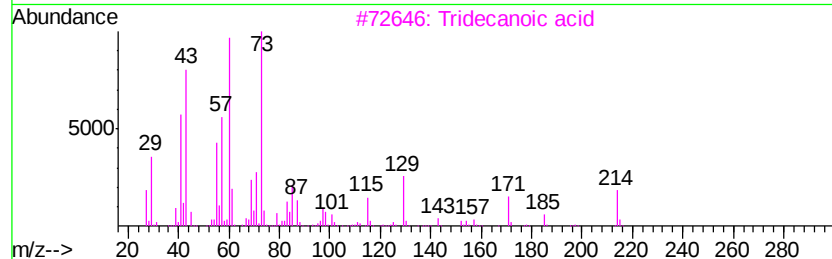
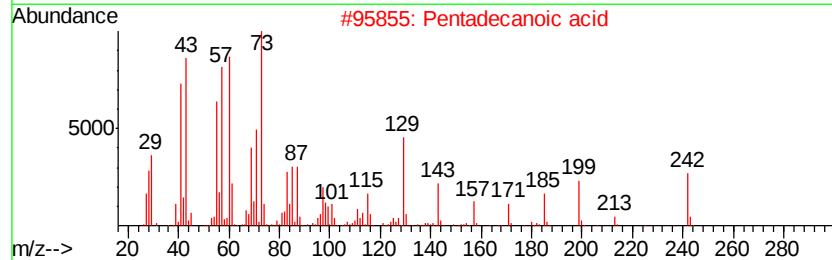
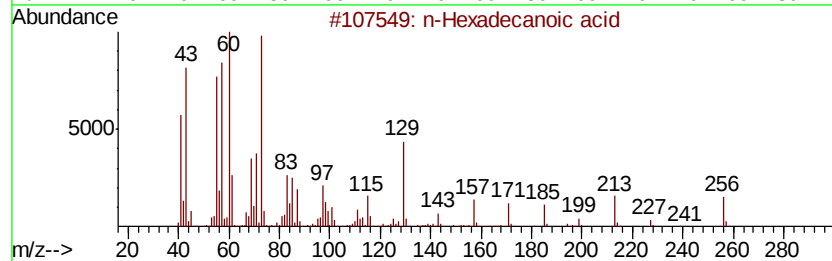
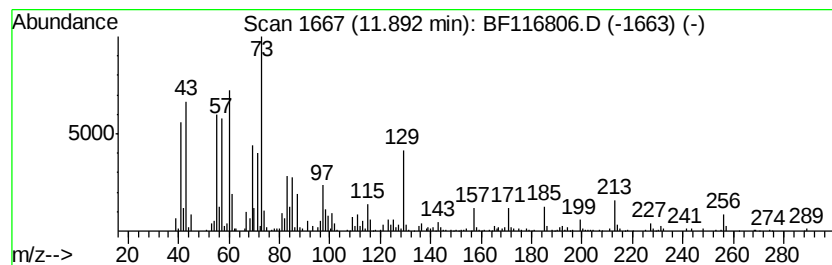
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	12.59 ng	372348	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Octadecanoic acid	284	C18H36O2	000057-11-4	68



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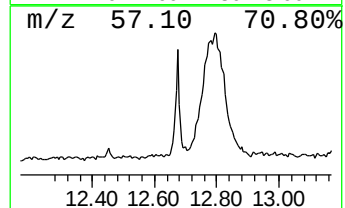
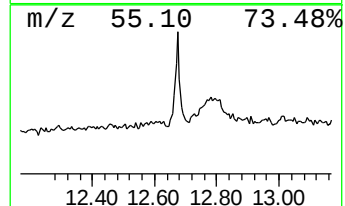
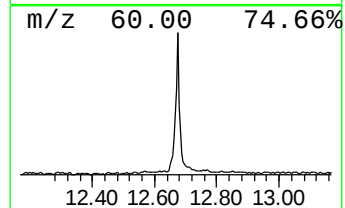
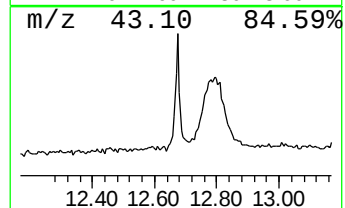
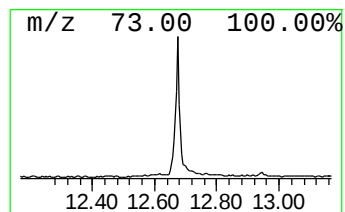
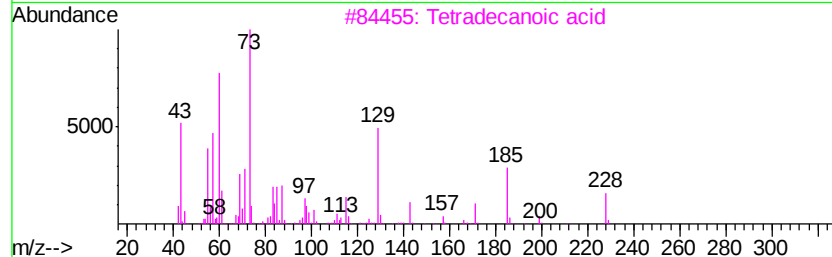
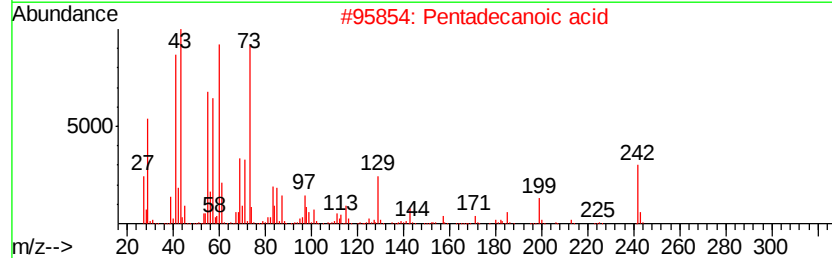
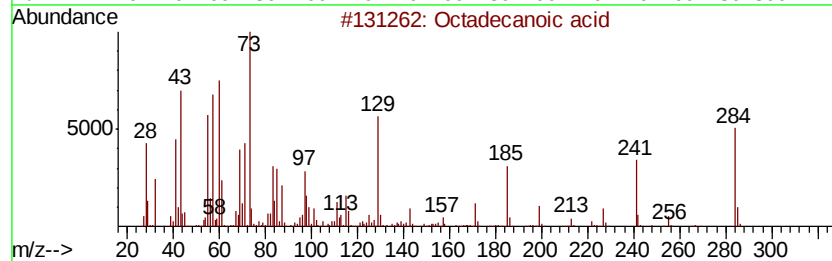
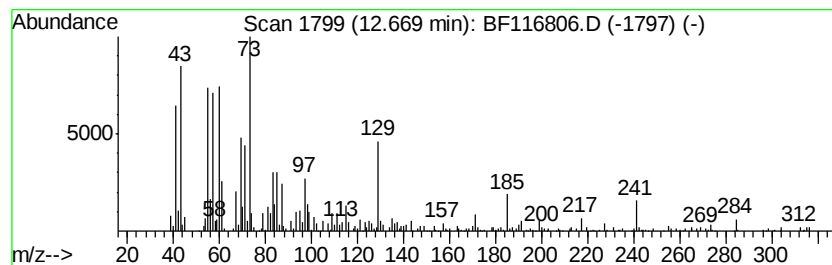
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	15.92 ng	471070	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		n-Decanoic acid	172	C10H20O2	000334-48-5	68
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



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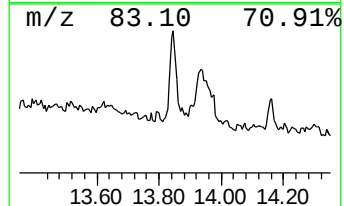
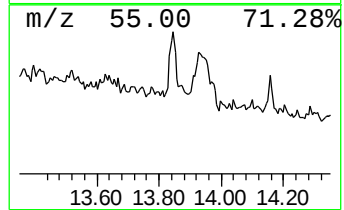
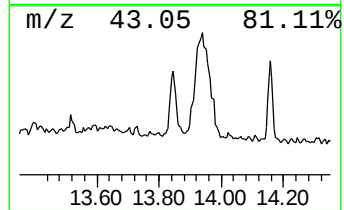
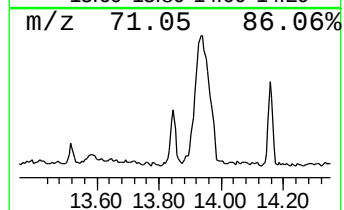
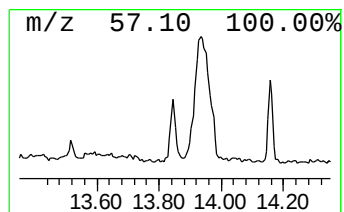
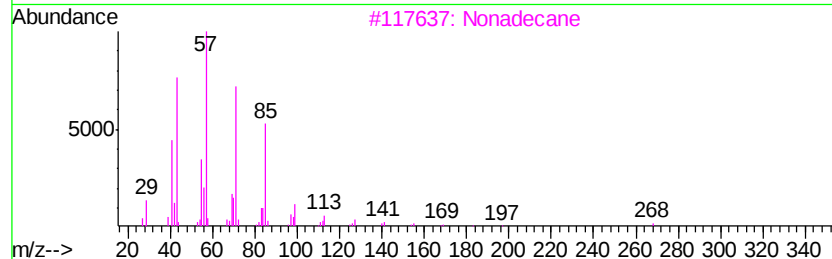
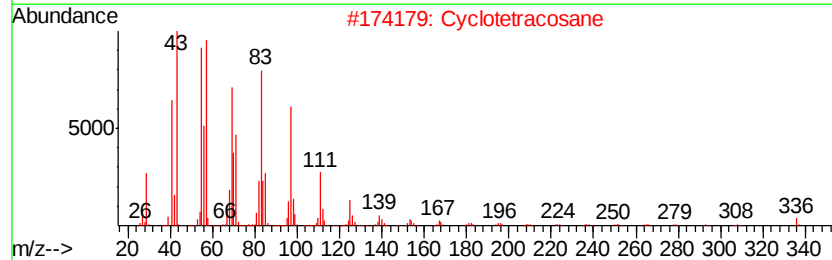
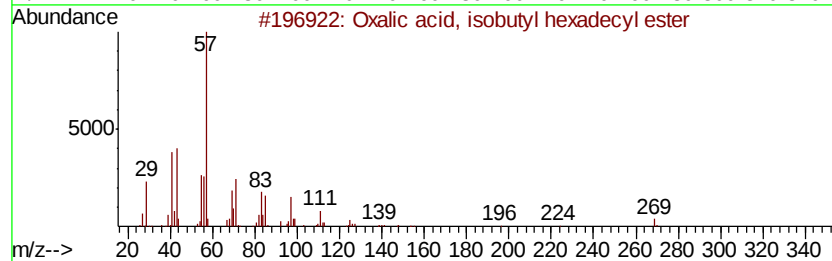
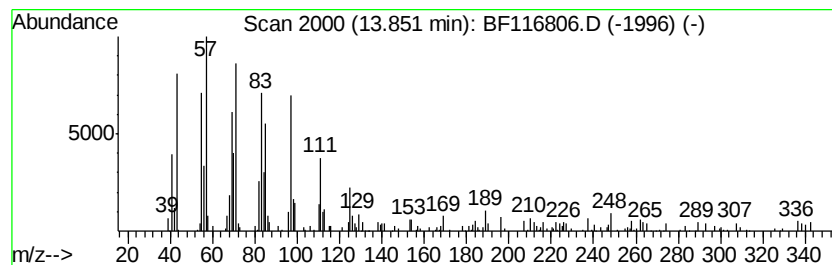
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	7.99 ng	222402	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Cyclotetracosane	336	C24H48	000297-03-0	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Cyclopentadecane	210	C15H30	000295-48-7	86
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62



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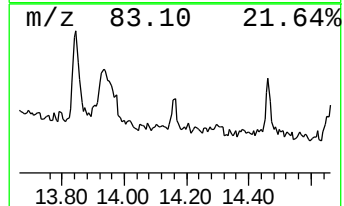
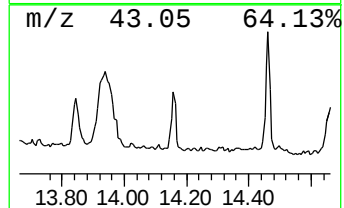
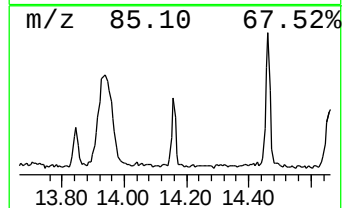
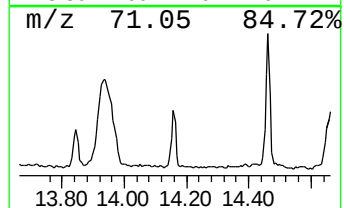
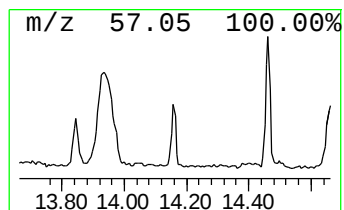
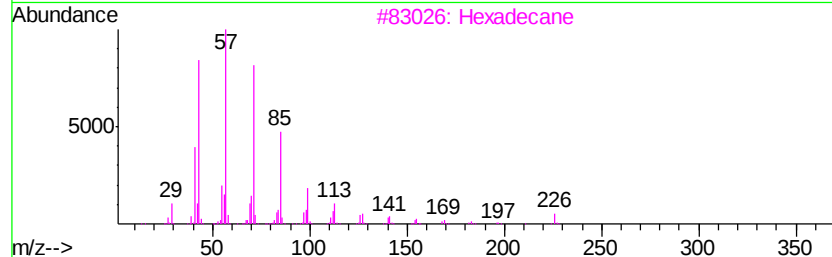
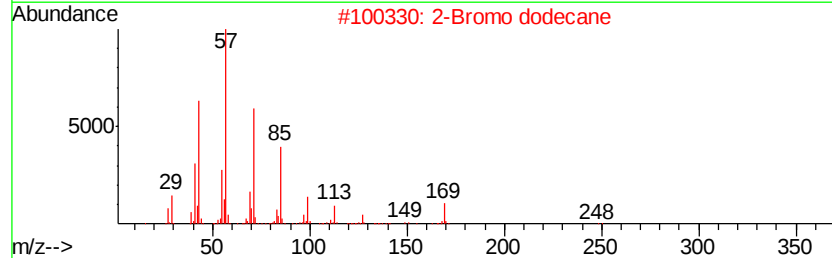
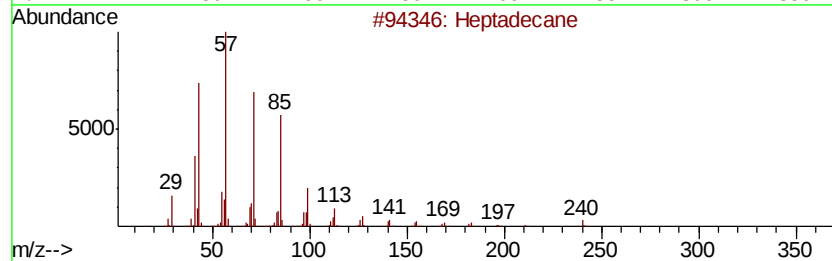
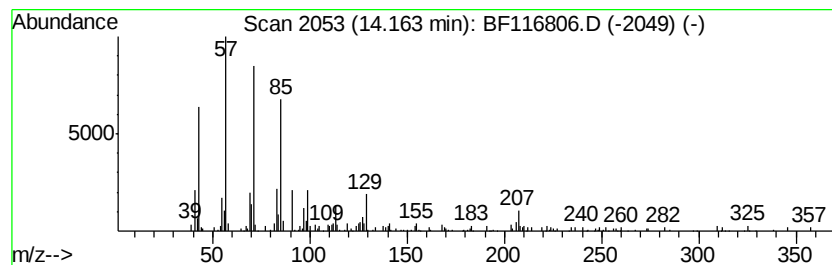
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Peak Number 6 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	5.61 ng	156101	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	70
3	Hexadecane		226	C16H34	000544-76-3	53
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	53
5	Heptacosane		380	C27H56	000593-49-7	50



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Misc :
ALS Vial : 3 Sample Multiplier: 1

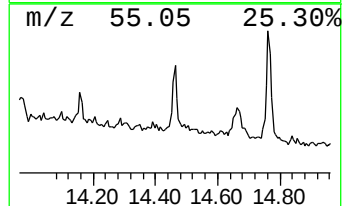
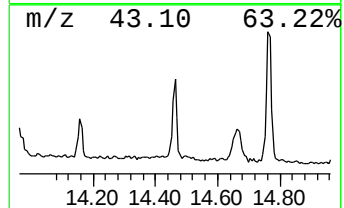
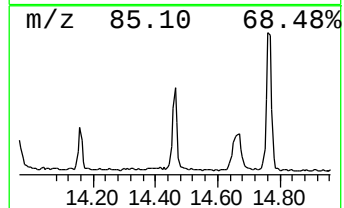
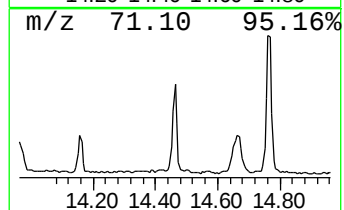
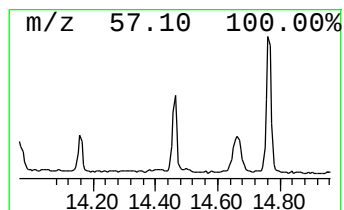
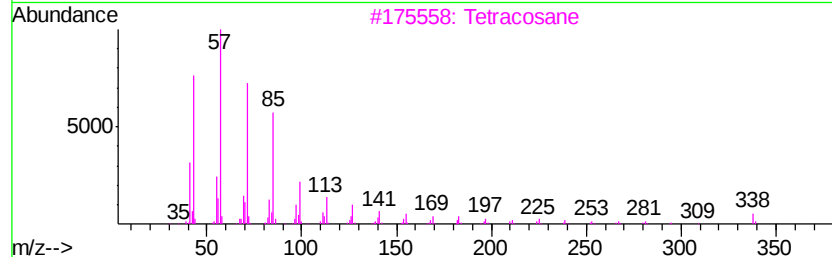
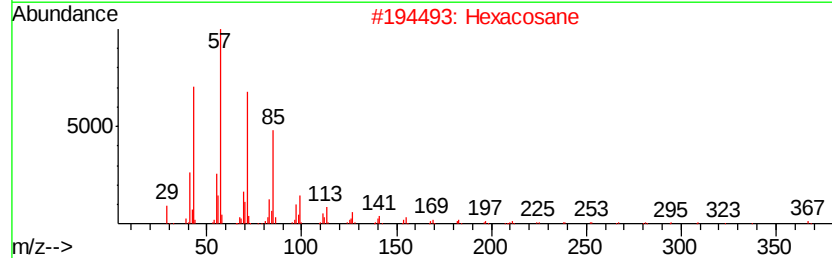
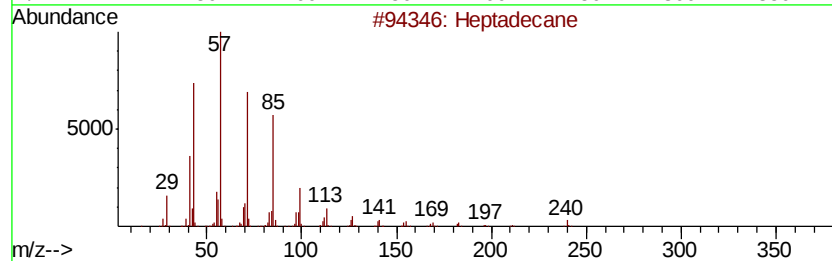
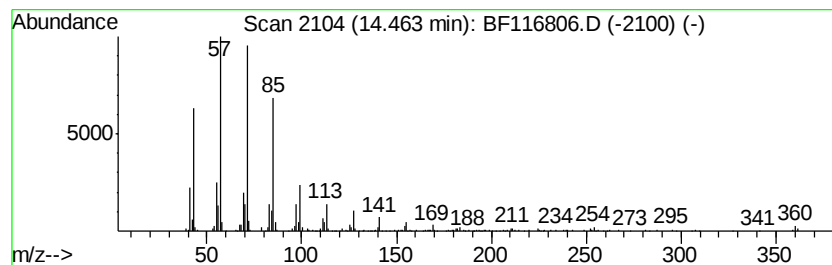
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PAR-11-D1-D4-(0-4)

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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 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.46	10.91 ng	303835	Chrysene-d12		13.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Hexacosane		366	C26H54	000630-01-3	87
3	Tetracosane		338	C24H50	000646-31-1	86
4	5-Ethyl-5-methylnonadecane		310	C22H46	1000360-42-7	86
5	Hexadecane		226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116806.D
Acq On : 4 Sep 2019 11:03
Operator : HP/JU
Sample : K4623-08
Misc :
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Instrument :
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PAR-11-D1-D4-(0-4)

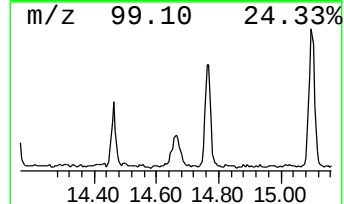
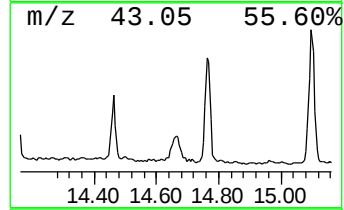
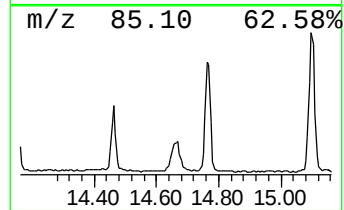
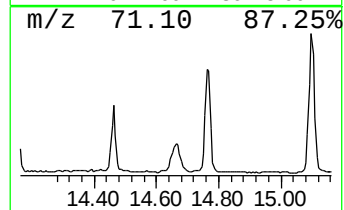
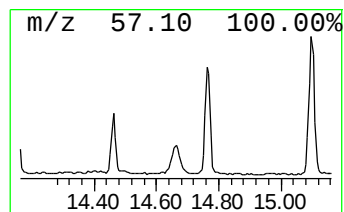
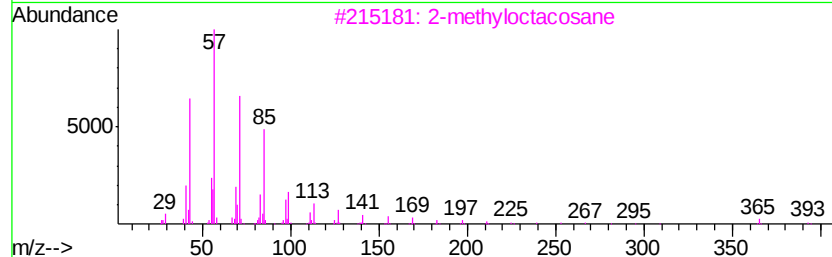
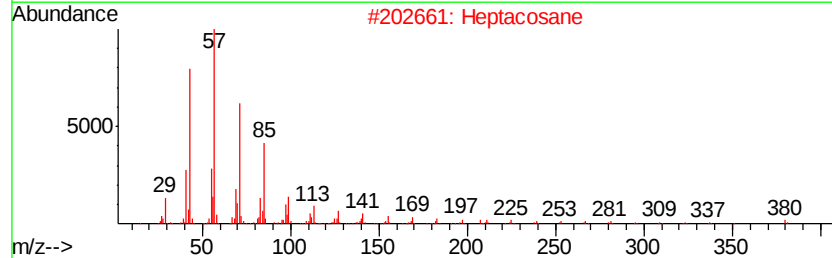
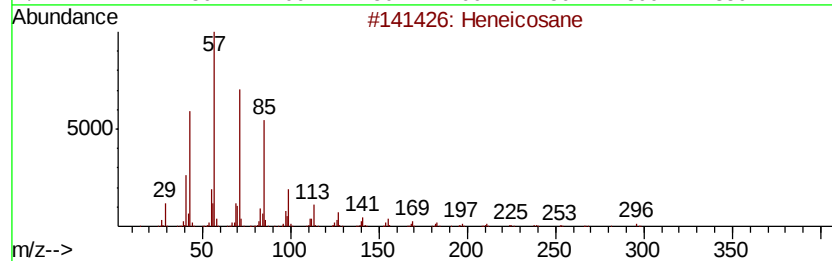
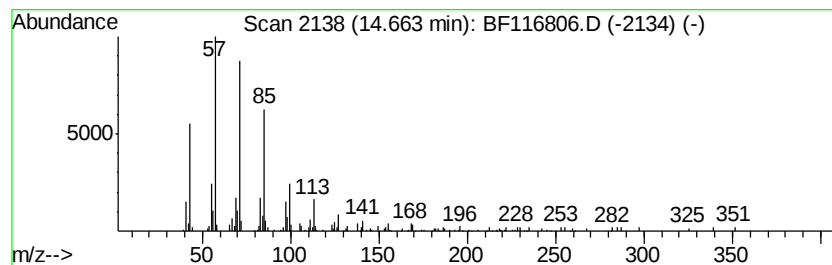
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	10.57 ng	294386	Chrysene-d12	13.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptacosane		380	C27H56	000593-49-7	86
3	2-methyloctacosane		408	C29H60	1000376-72-8	86
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	86
5	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116806.D
 Acq On : 4 Sep 2019 11:03
 Operator : HP/JU
 Sample : K4623-08
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 ALS Vial : 3 Sample Multiplier: 1

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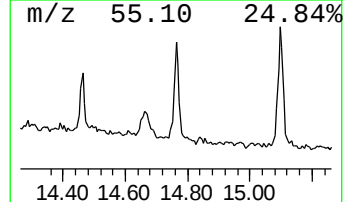
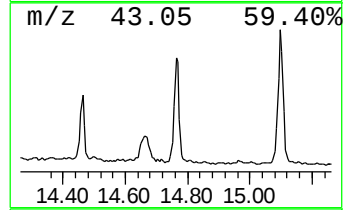
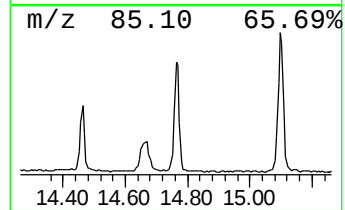
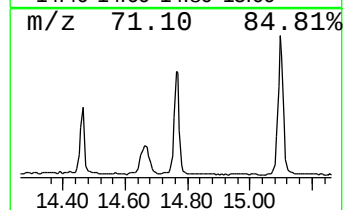
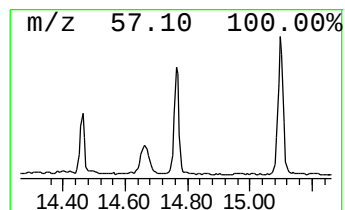
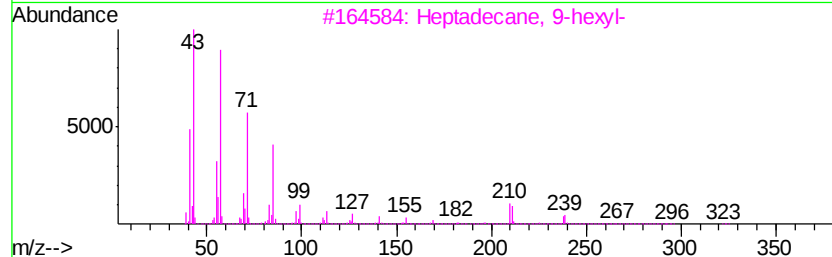
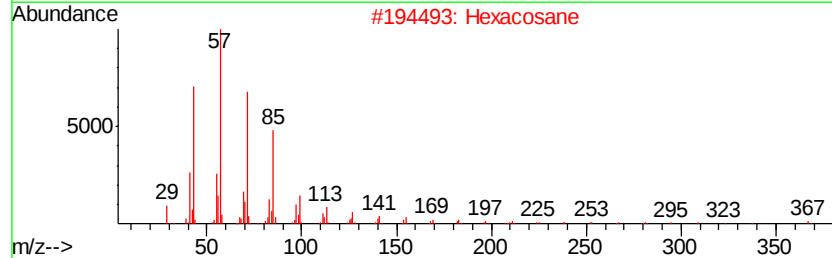
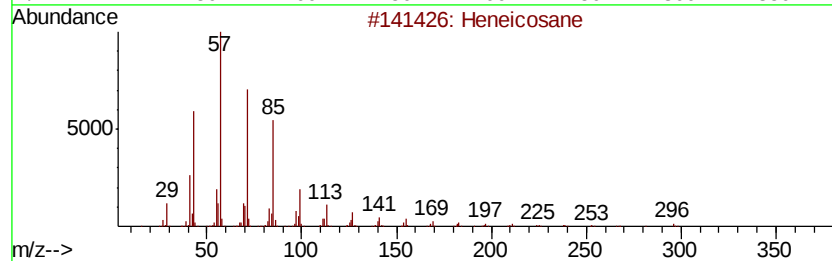
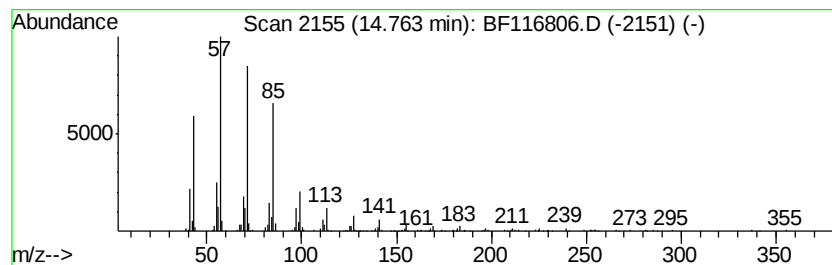
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heptadecane, 9-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	22.86 ng	594319	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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Acq On : 4 Sep 2019 11:03
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Misc :
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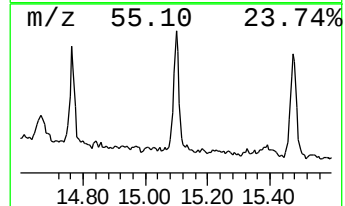
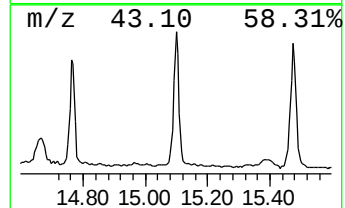
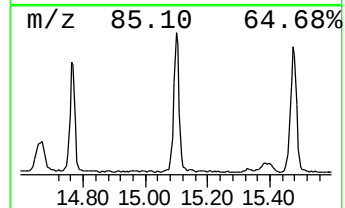
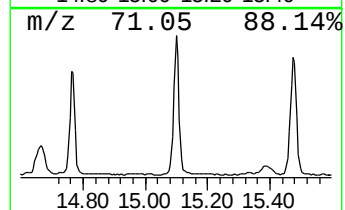
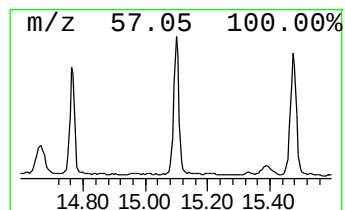
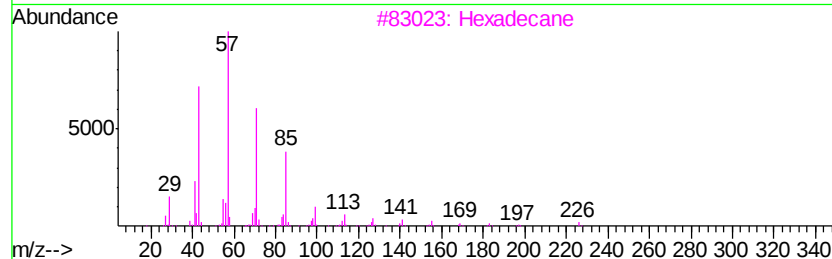
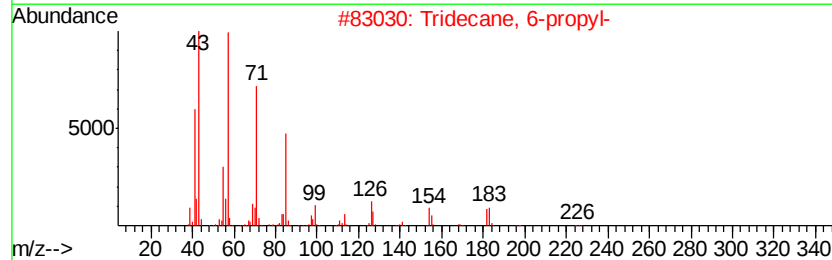
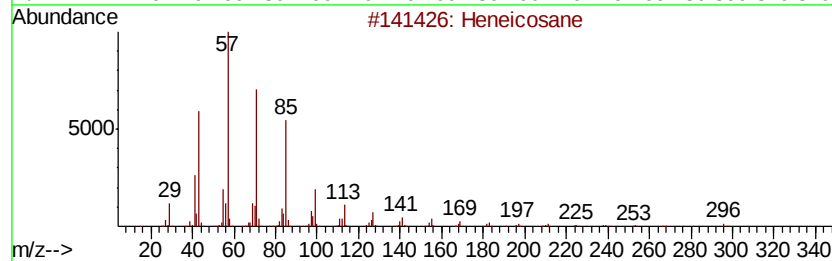
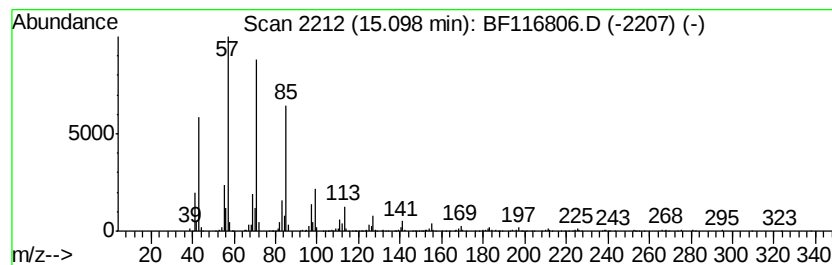
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PAR-11-D1-D4-(0-4)

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 Tridecane, 6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	34.72 ng	902554	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heneicosane	296 C21H44	000629-94-7 91
2		Tridecane, 6-propyl-	226 C16H34	055045-10-8 83
3		Hexadecane	226 C16H34	000544-76-3 80
4		Octadecane	254 C18H38	000593-45-3 80
5		Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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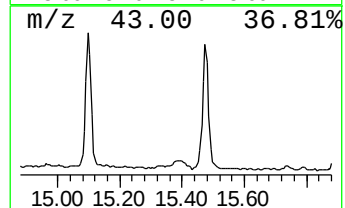
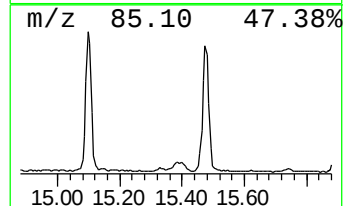
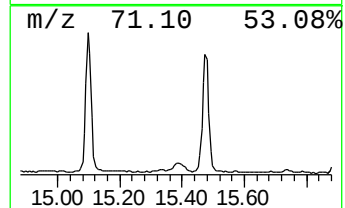
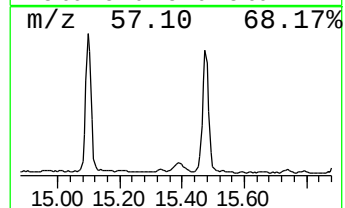
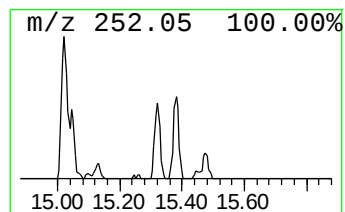
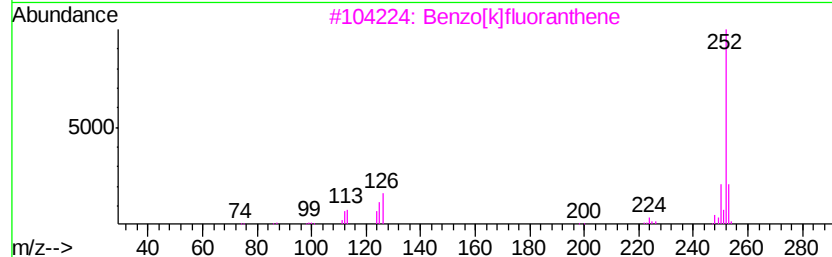
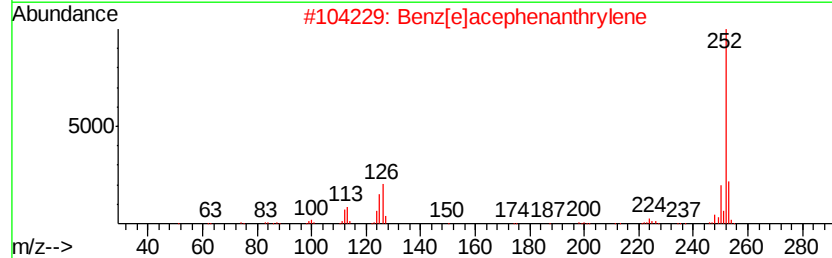
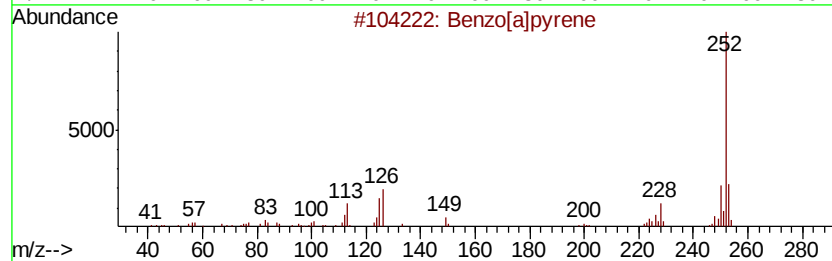
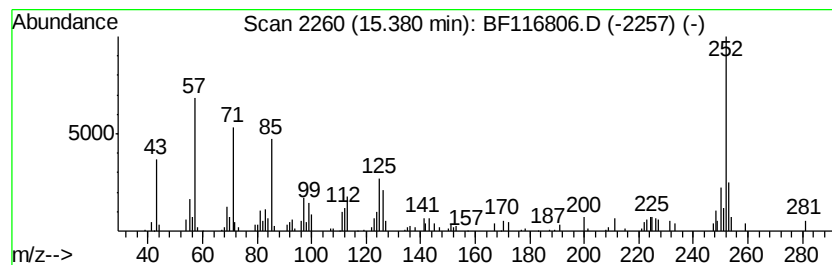
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.38	4.17 ng	108400	Perylene-d12	15.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	86
2	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	64
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	60
4	Perylene	252	C20H12	000198-55-0	55
5	Benzo[e]pyrene	252	C20H12	000192-97-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116806.D
Acq On : 4 Sep 2019 11:03
Operator : HP/JU
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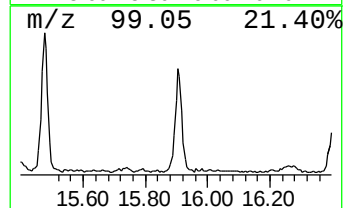
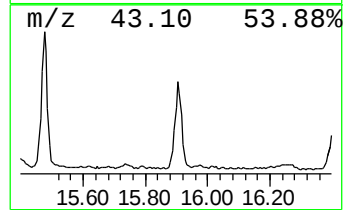
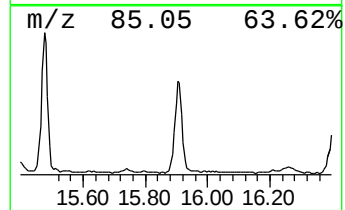
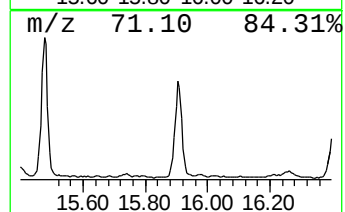
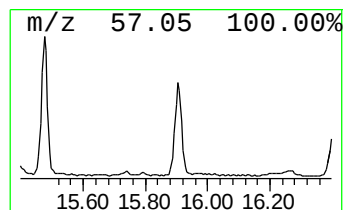
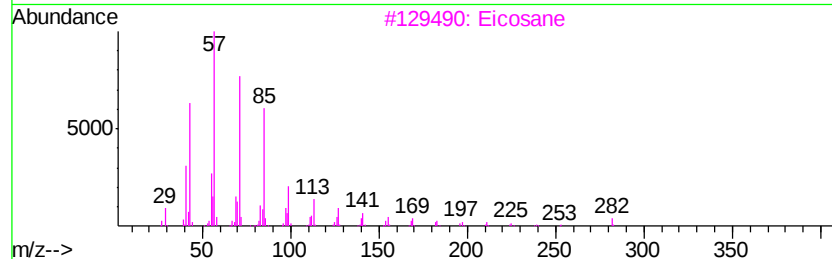
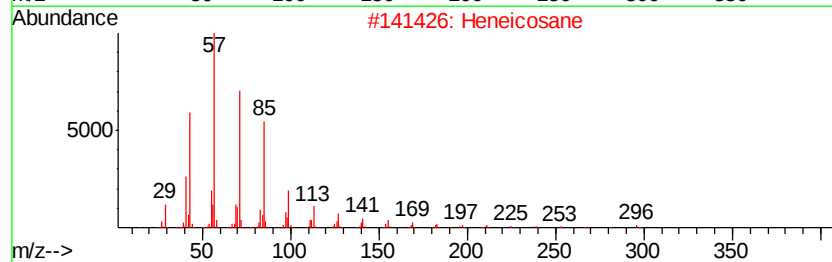
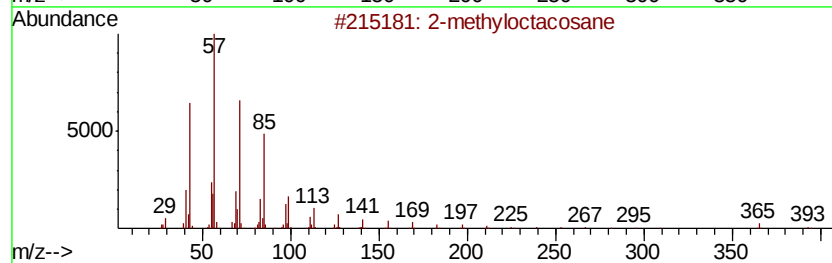
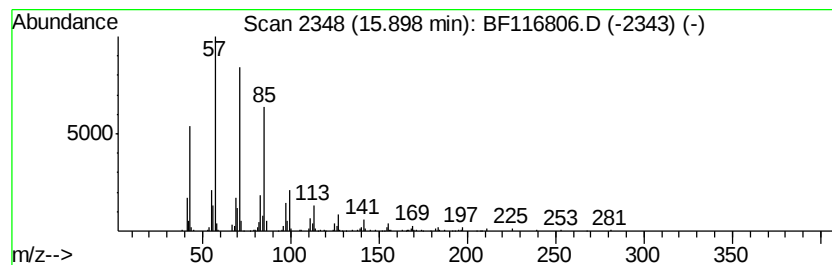
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	23.70 ng	616160	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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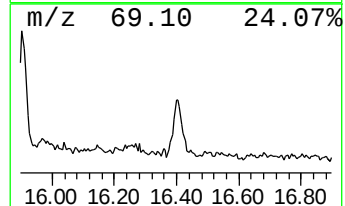
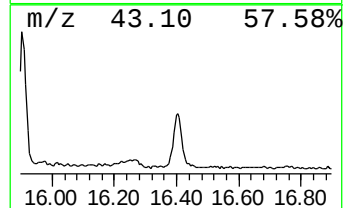
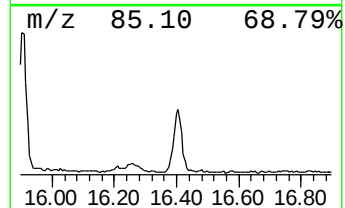
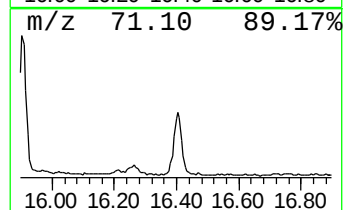
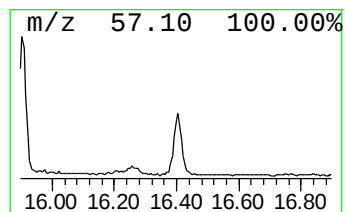
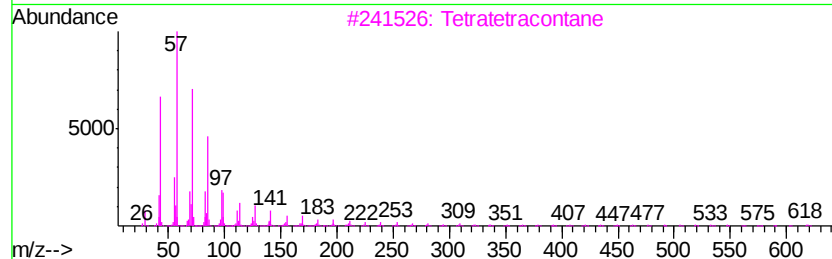
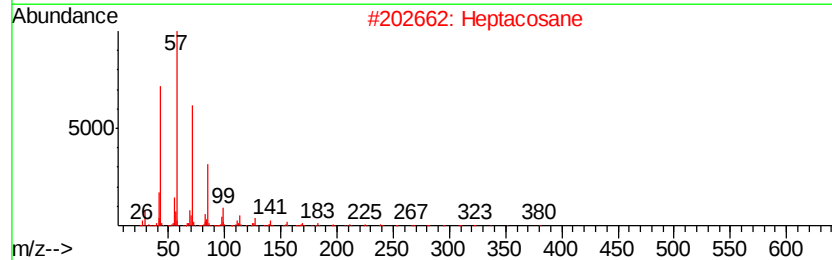
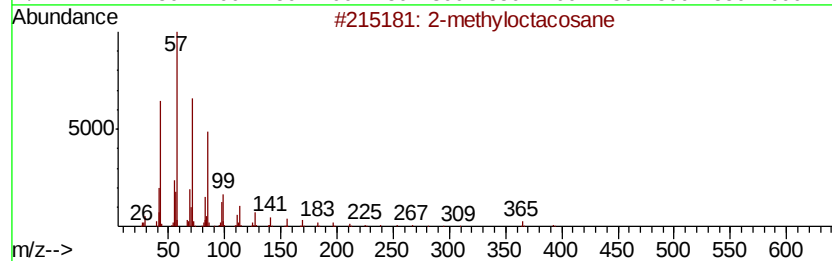
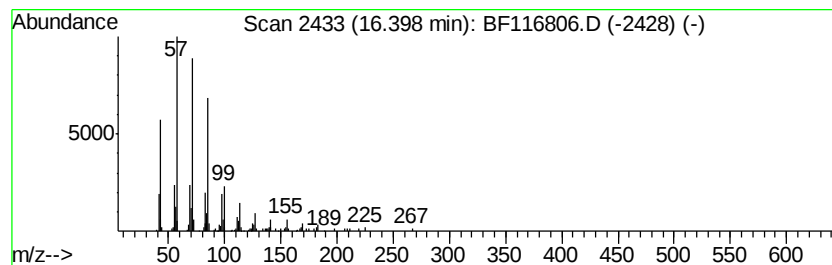
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	12.01 ng	312285	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116806.D
Acq On : 4 Sep 2019 11:03
Operator : HP/JU
Sample : K4623-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAR-11-D1-D4-(0-4)

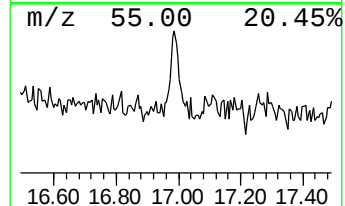
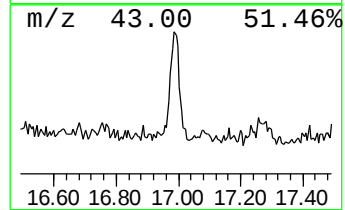
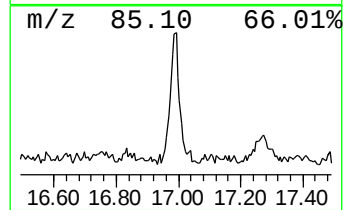
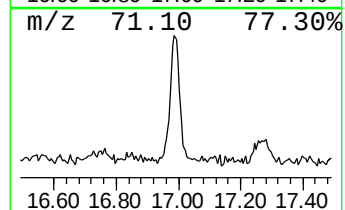
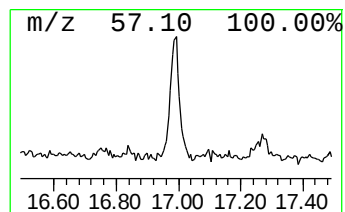
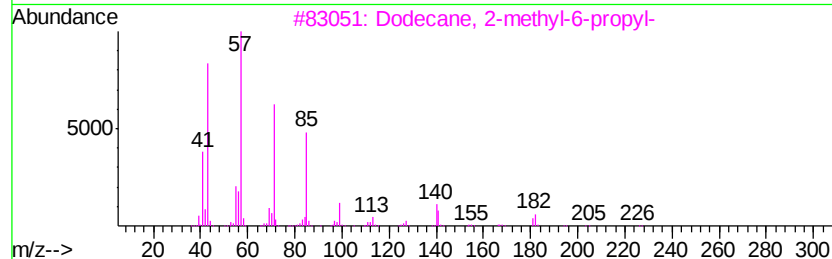
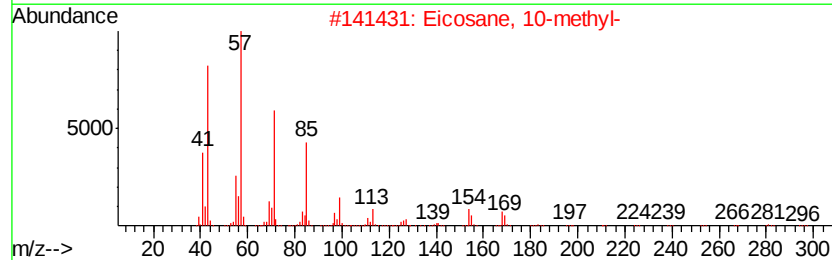
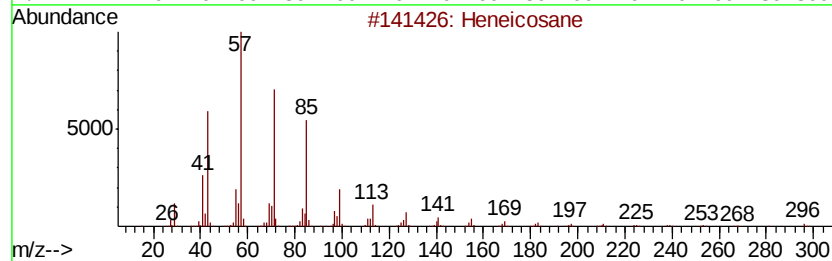
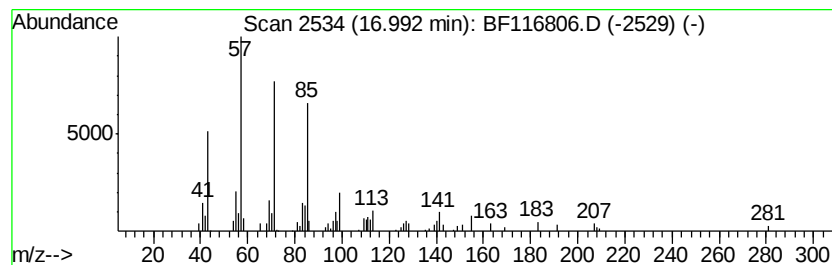
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane, 10-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	4.10 ng	106649	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	80
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
 Data File : BF116806.D
 Acq On : 4 Sep 2019 11:03
 Operator : HP/JU
 Sample : K4623-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-D1-D4-(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
unknown6.62	6.62	83.9	ng	1622140	1	6.85	386758	20.0
n-Hexadecanoic acid	11.89	12.6	ng	372348	4	11.36	591683	20.0
Octadecanoic acid	12.67	15.9	ng	471070	4	11.36	591683	20.0
Oxalic acid, isob...	13.85	8.0	ng	222402	5	13.99	556846	20.0
Heptadecane	14.16	5.6	ng	156101	5	13.99	556846	20.0
Hexacosane	14.46	10.9	ng	303835	5	13.99	556846	20.0
Heneicosane	14.66	10.6	ng	294386	5	13.99	556846	20.0
Heptadecane, 9-he...	14.76	22.9	ng	594319	6	15.44	519884	20.0
Tridecane, 6-propyl-	15.10	34.7	ng	902554	6	15.44	519884	20.0
Benzo[e]pyrene	15.38	4.2	ng	108400	6	15.44	519884	20.0
2-methyloctacosane	15.90	23.7	ng	616160	6	15.44	519884	20.0
Tetratetracontane	16.40	12.0	ng	312285	6	15.44	519884	20.0
Eicosane, 10-methyl-	16.99	4.1	ng	106649	6	15.44	519884	20.0