

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114012.D
 Acq On : 26 Apr 2019 16:23
 Operator : JU/SJ
 Sample : K2571-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 114-PENNINGTON

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-BF042219.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	2.210	18	21	31	rVB	81996	145344	4.34%	0.438%
2	5.522	579	584	587	rBV	2267611	2166216	64.69%	6.524%
3	6.522	749	754	770	rBV	2297241	2378447	71.03%	7.163%
4	6.663	774	778	782	rBV	2456832	2445287	73.03%	7.365%
5	6.892	814	817	821	rBV	859359	704428	21.04%	2.122%
6	7.051	840	844	847	rBV	2336931	1962558	58.61%	5.911%
7	7.451	907	912	915	rBV	1604602	1462252	43.67%	4.404%
8	8.175	1031	1035	1039	rBV	1082663	902526	26.95%	2.718%
9	8.622	1104	1111	1123	rBV	75728	156718	4.68%	0.472%
10	9.251	1213	1218	1221	rBV	3499030	3150095	94.07%	9.488%
11	9.639	1280	1284	1289	rBV	321775	281711	8.41%	0.848%
12	9.927	1329	1333	1338	rBV	1209155	1165863	34.82%	3.511%
13	10.186	1375	1377	1380	rBV2	36555	43246	1.29%	0.130%
14	10.345	1401	1404	1406	rBV	94268	84233	2.52%	0.254%
15	10.721	1464	1468	1471	rBV	1662160	1692161	50.53%	5.097%
16	11.316	1567	1569	1575	rVB	321740	326865	9.76%	0.984%
17	11.416	1583	1586	1589	rBV	1261508	1190140	35.54%	3.585%
18	11.957	1671	1678	1686	rVB	1541975	2457645	73.39%	7.402%
19	12.739	1805	1811	1817	rBV	2042771	3049718	91.08%	9.185%
20	13.004	1852	1856	1859	rVB	3617655	3348525	100.00%	10.085%
21	14.057	2031	2035	2038	rBV	1203074	1082716	32.33%	3.261%
22	14.221	2061	2063	2066	rVB	71671	60176	1.80%	0.181%
23	14.533	2113	2116	2121	rVB	142518	155554	4.65%	0.469%
24	14.827	2163	2166	2167	rBV2	54209	58804	1.76%	0.177%
25	14.851	2167	2170	2179	rVB	238317	282481	8.44%	0.851%
26	14.927	2179	2183	2186	rVB	100325	96481	2.88%	0.291%
27	15.115	2212	2215	2218	rBV	55874	73961	2.21%	0.223%
28	15.192	2224	2228	2233	rVB	271854	339656	10.14%	1.023%
29	15.386	2255	2261	2263	rBV6	38195	73481	2.19%	0.221%
30	15.486	2275	2278	2284	rVB	42782	49650	1.48%	0.150%
31	15.551	2284	2289	2292	rVV	715741	935258	27.93%	2.817%
32	15.580	2292	2294	2304	rVB	271316	347438	10.38%	1.046%
33	16.027	2365	2370	2378	rVB	179059	278344	8.31%	0.838%
34	16.545	2452	2458	2463	rBV	100215	175523	5.24%	0.529%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	17.150	2556	2561	2567	rVB2	42772	78808	2.35%	0.237%
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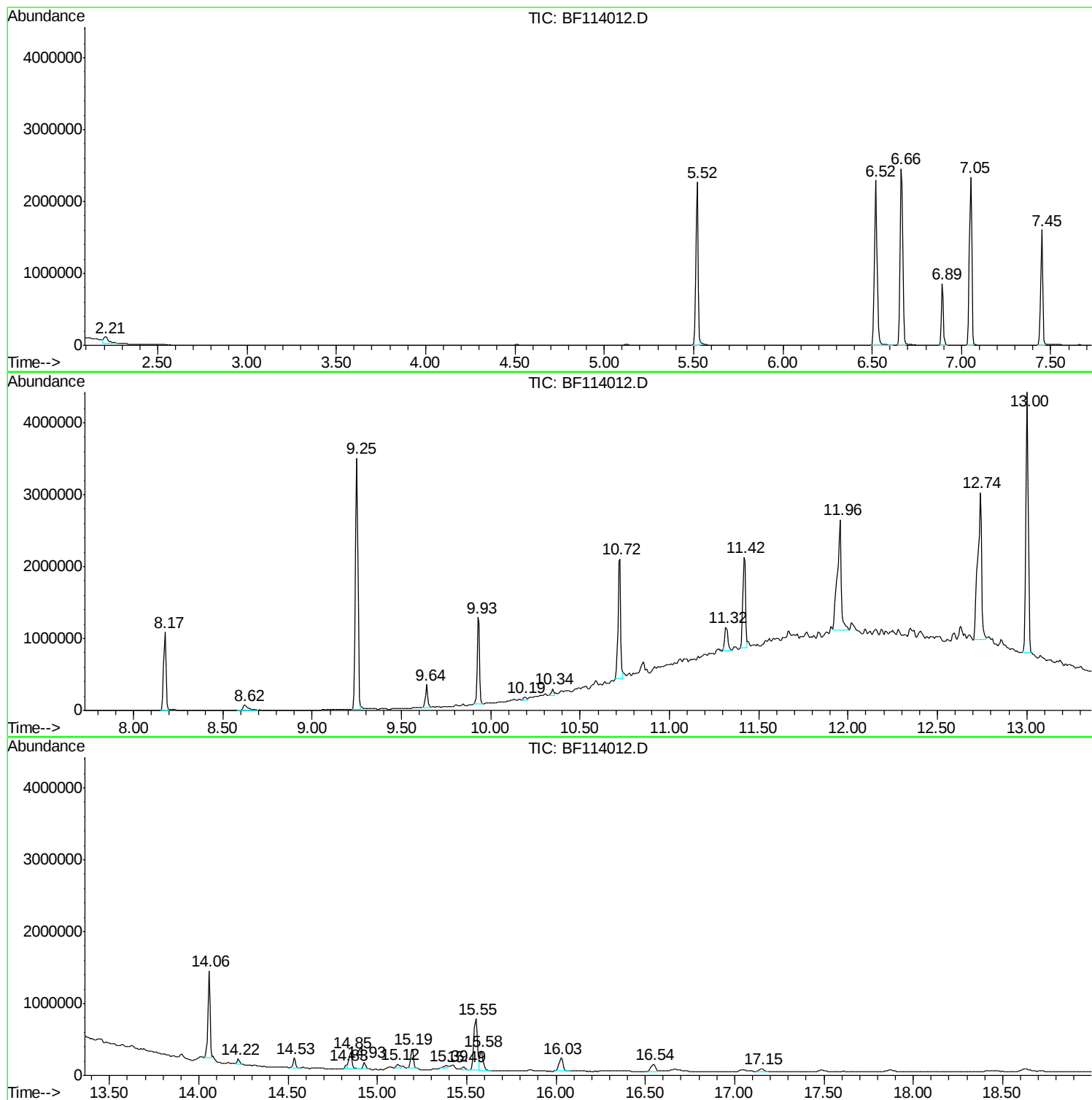
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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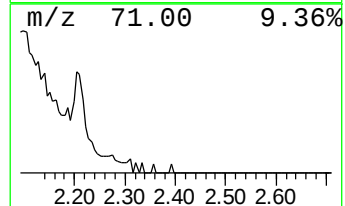
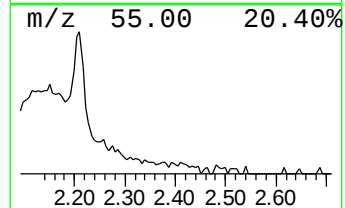
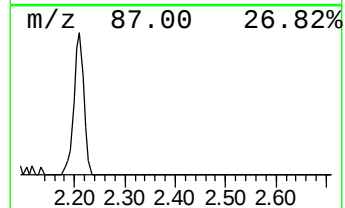
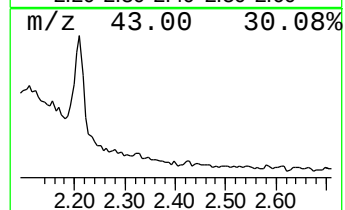
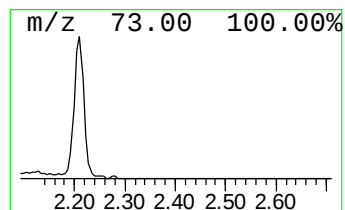
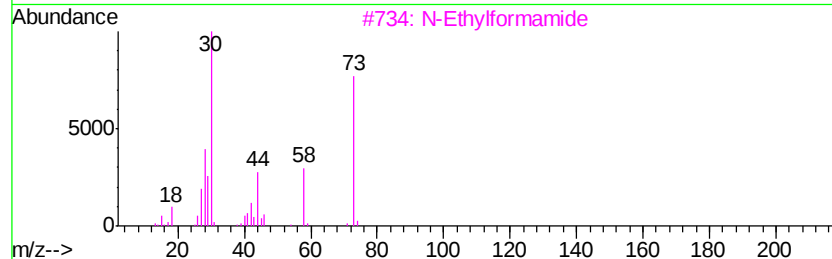
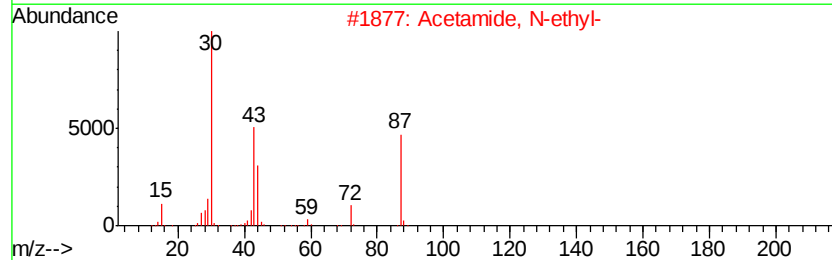
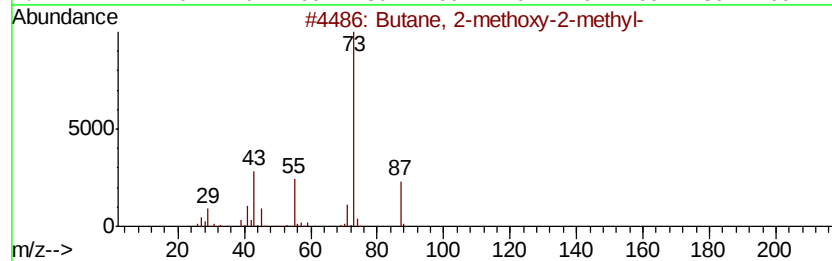
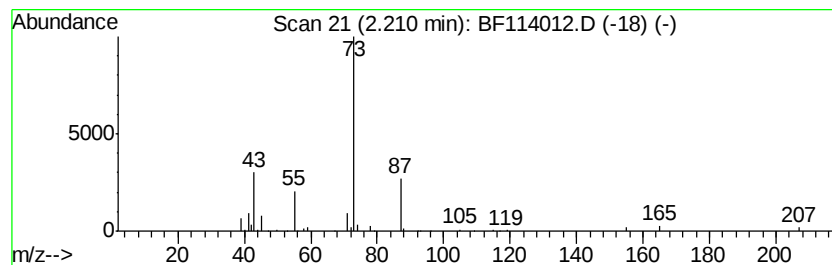
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.21	4.13 ng	145344	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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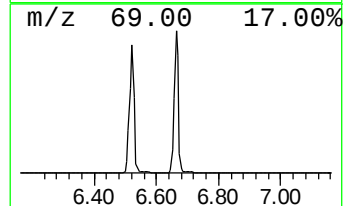
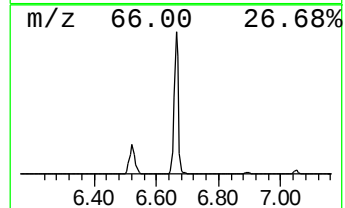
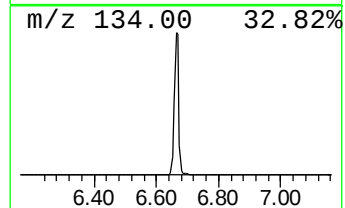
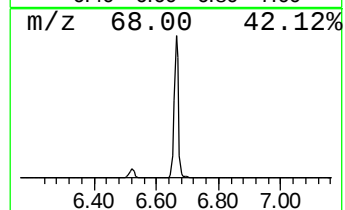
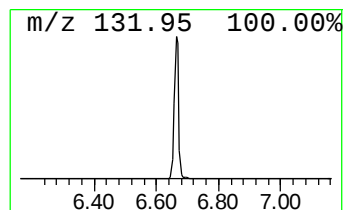
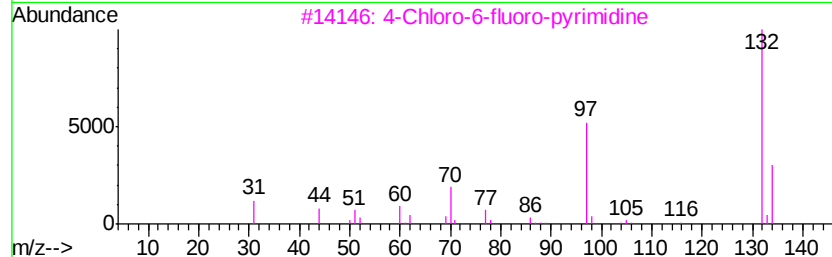
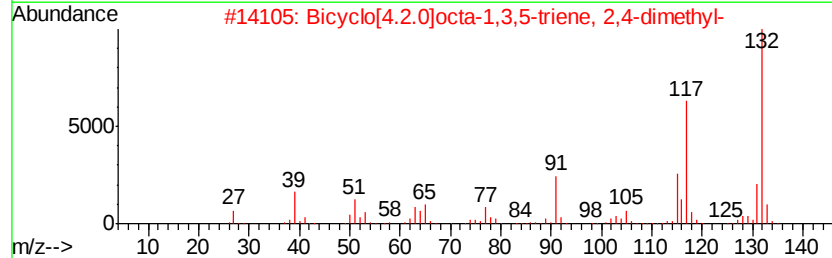
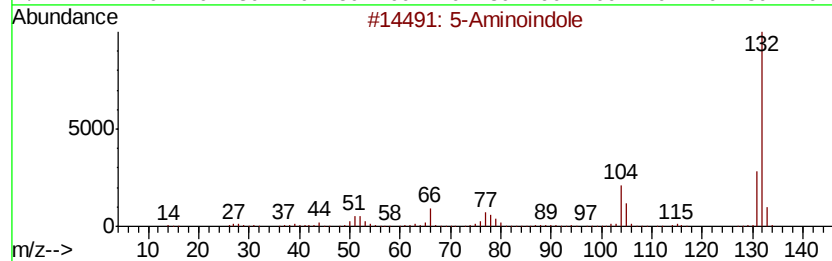
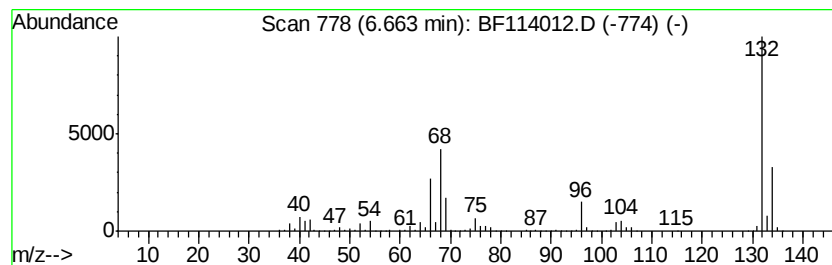
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	69.43 ng	2445290	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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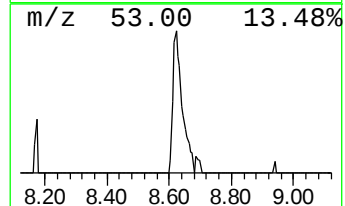
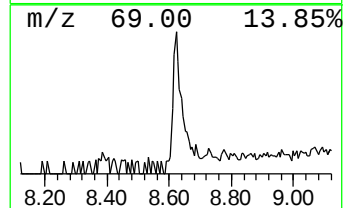
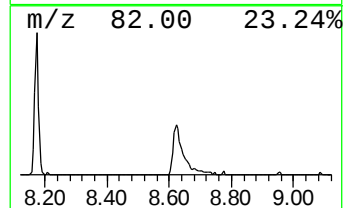
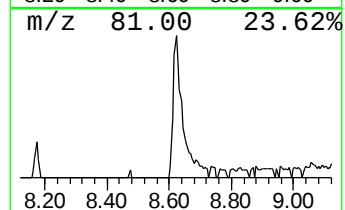
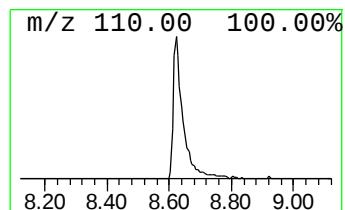
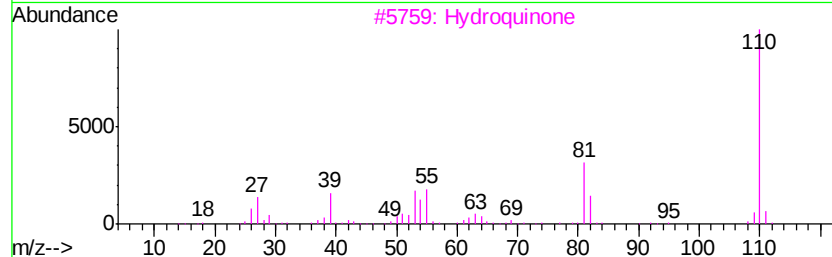
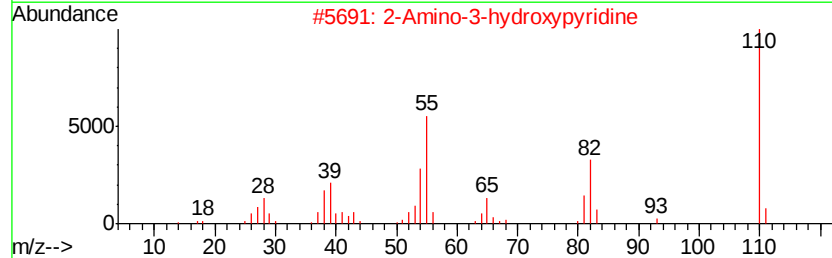
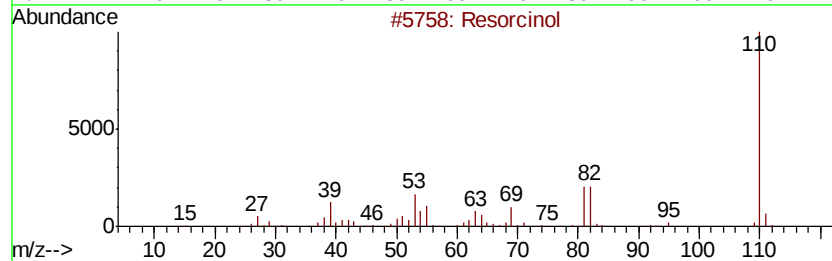
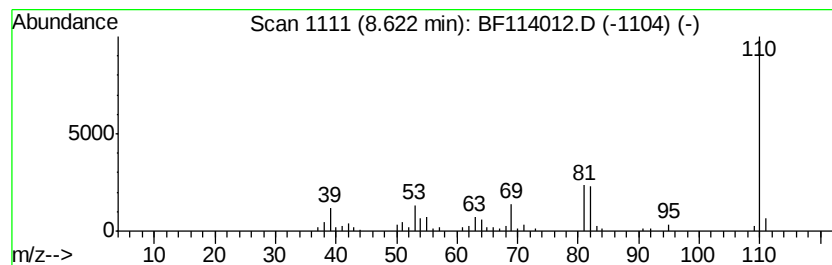
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Resorcinol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.47 ng	156718	Napthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Resorcinol	110	C6H6O2	000108-46-3	91
2		2-Amino-3-hydroxypyridine	110	C5H6N2O	016867-03-1	72
3		Hydroquinone	110	C6H6O2	000123-31-9	64
4		2(1H)-Pyridinone, 3-amino-	110	C5H6N2O	033630-99-8	59
5		3(2H)-Pyridazinone, 6-methyl-	110	C5H6N2O	013327-27-0	59



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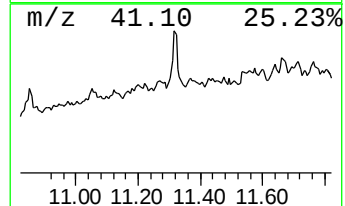
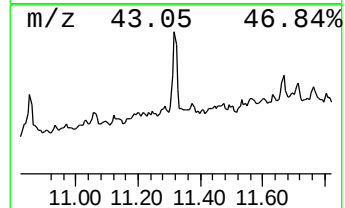
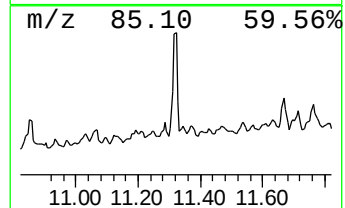
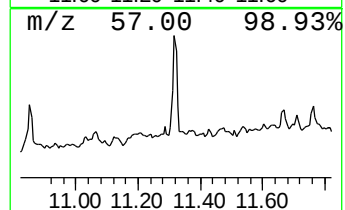
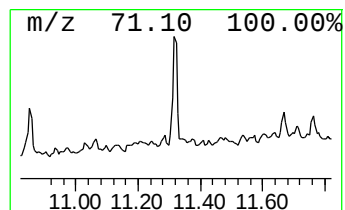
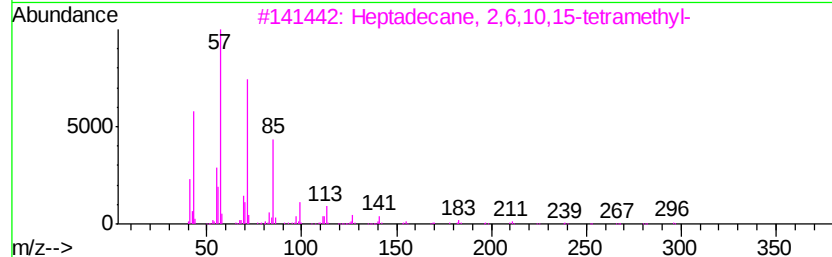
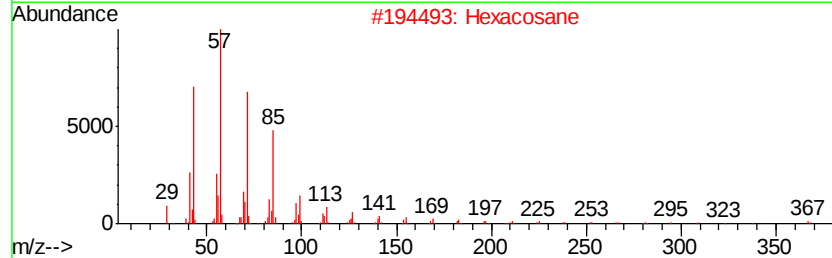
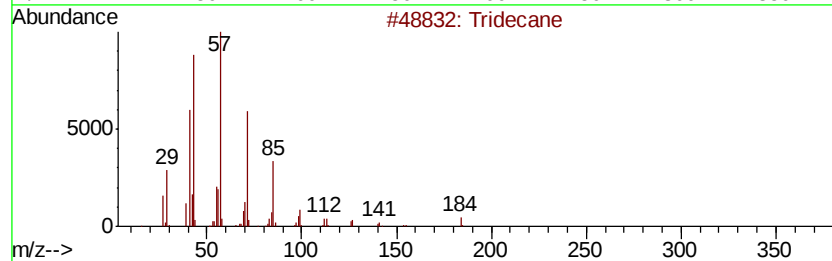
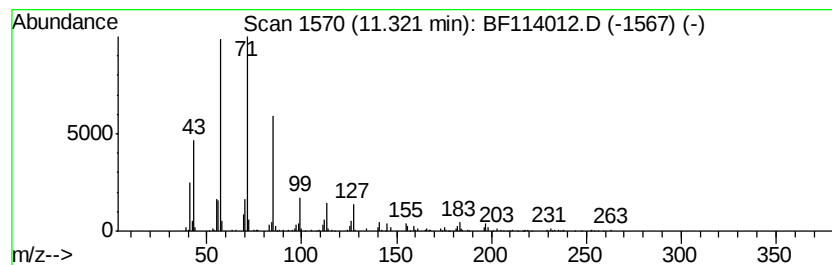
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	5.49 ng	326865	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	86
2	Hexacosane		366	C26H54	000630-01-3	86
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80
4	Hexadecane		226	C16H34	000544-76-3	78
5	Pentadecane, 4-methyl-		226	C16H34	002801-87-8	78



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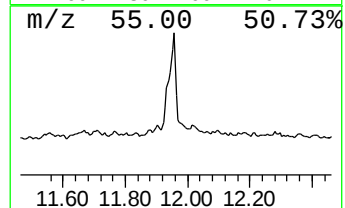
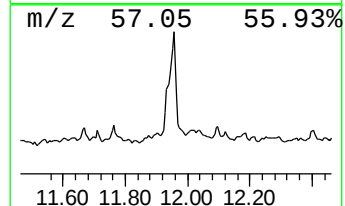
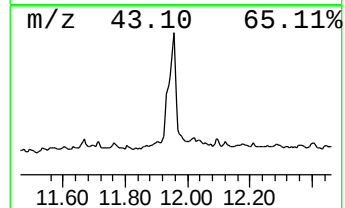
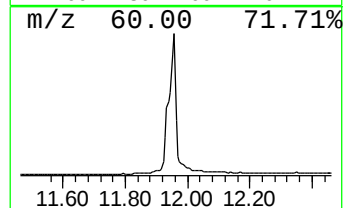
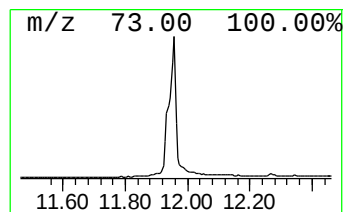
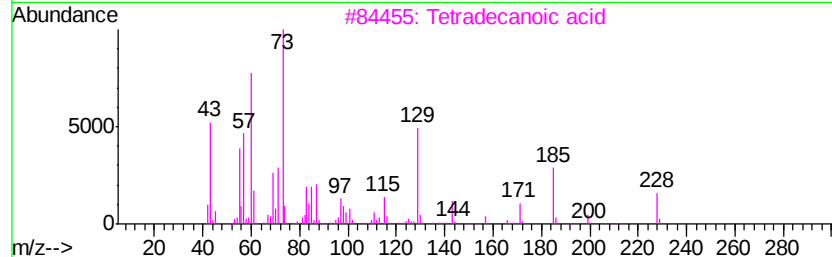
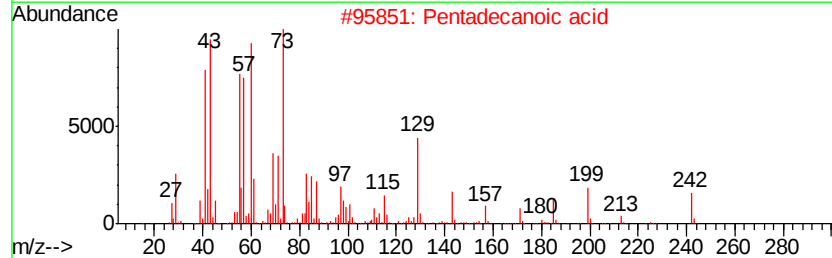
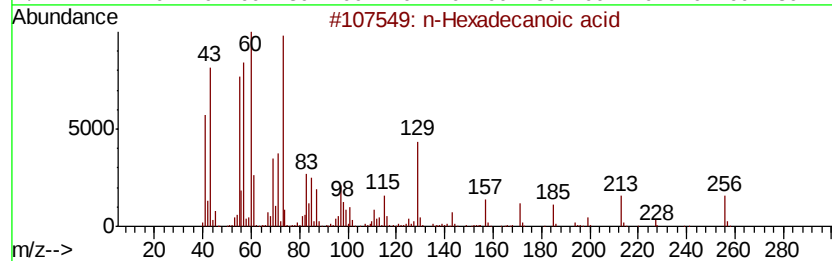
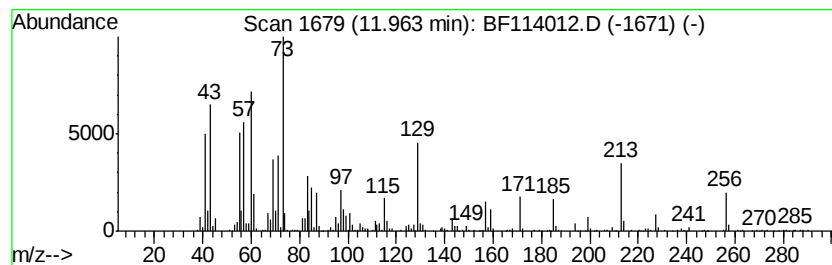
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	41.30 ng	2457650	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Octadecanoic acid	284	C18H36O2	000057-11-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114012.D
Acq On : 26 Apr 2019 16:23
Operator : JU/SJ
Sample : K2571-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

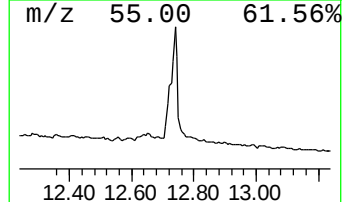
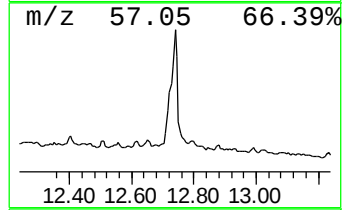
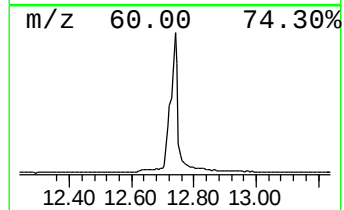
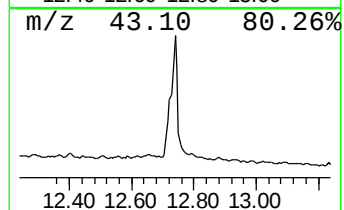
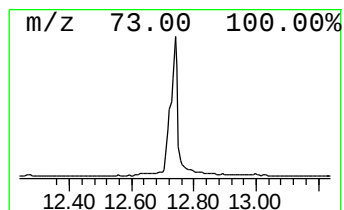
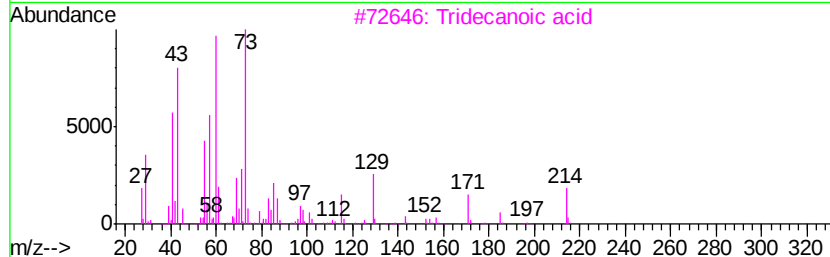
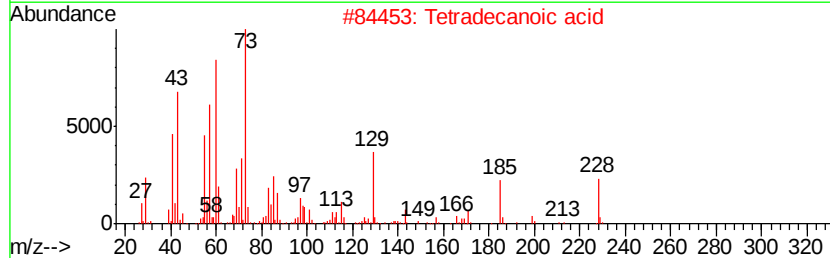
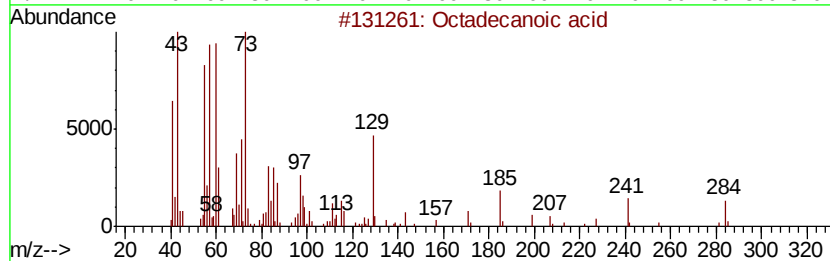
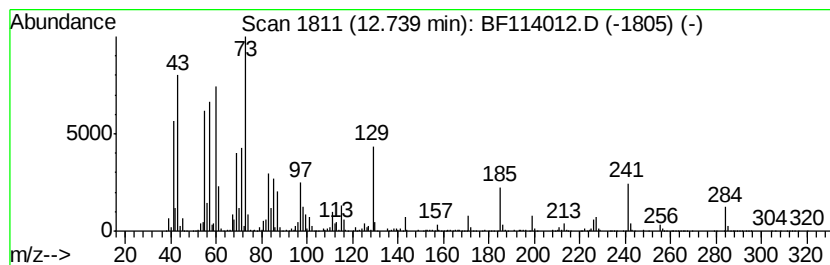
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	56.33 ng	3049720	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114012.D
Acq On : 26 Apr 2019 16:23
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ClientSampleId :
114-PENNINGTON

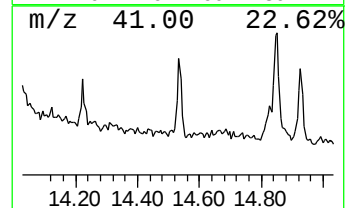
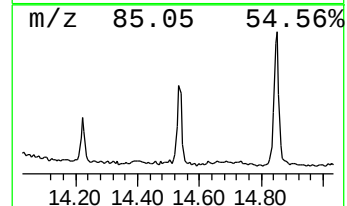
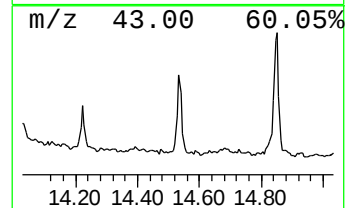
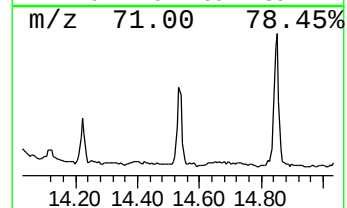
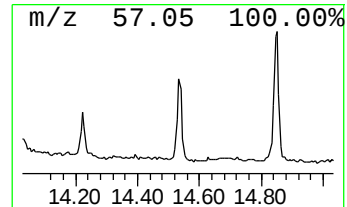
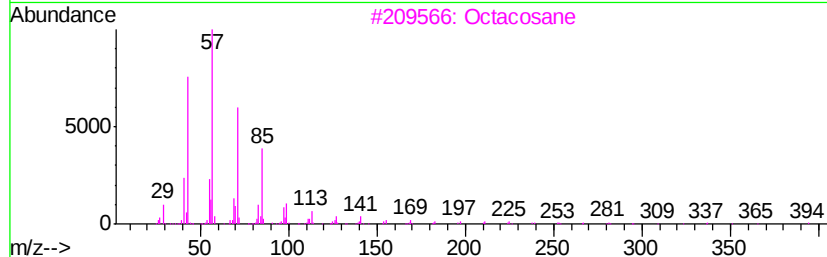
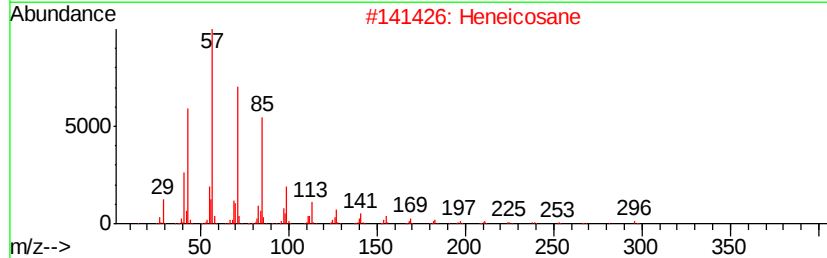
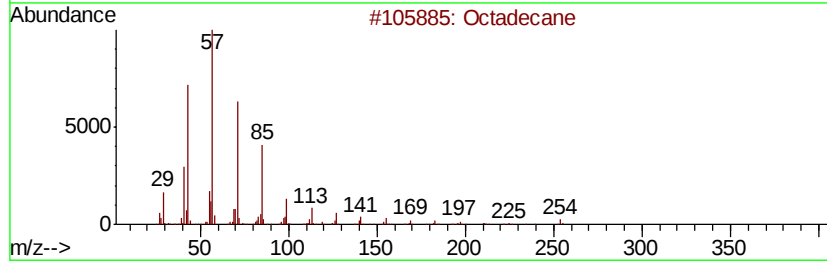
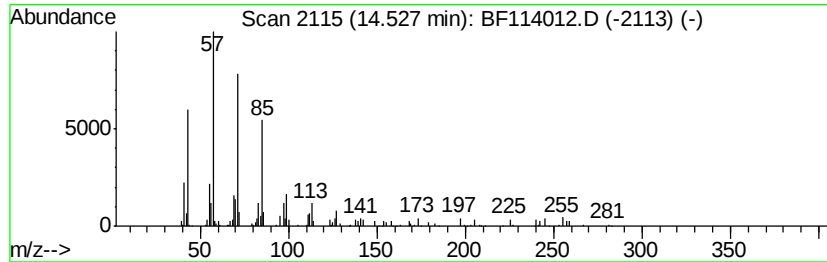
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.87 ng	155554	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114012.D
 Acq On : 26 Apr 2019 16:23
 Operator : JU/SJ
 Sample : K2571-01
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Instrument :
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 ClientSampleId :
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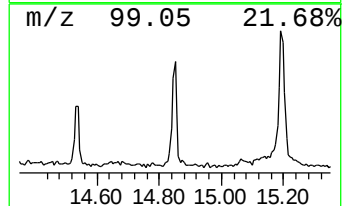
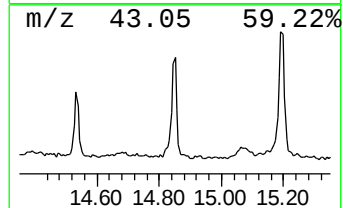
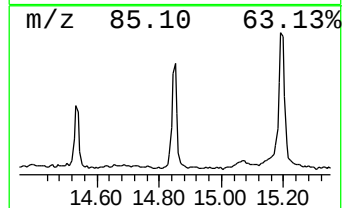
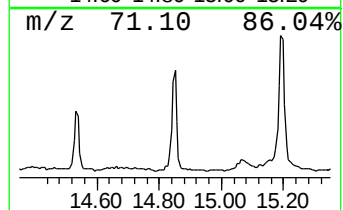
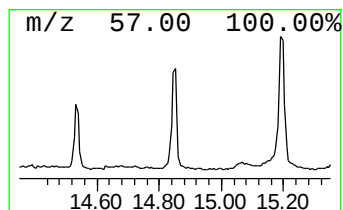
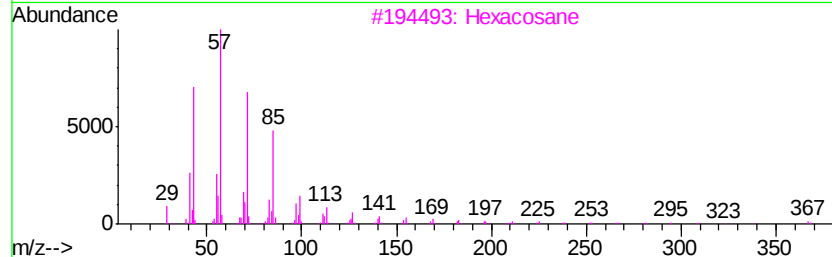
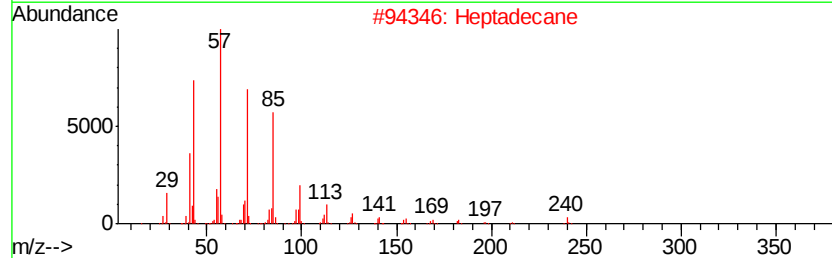
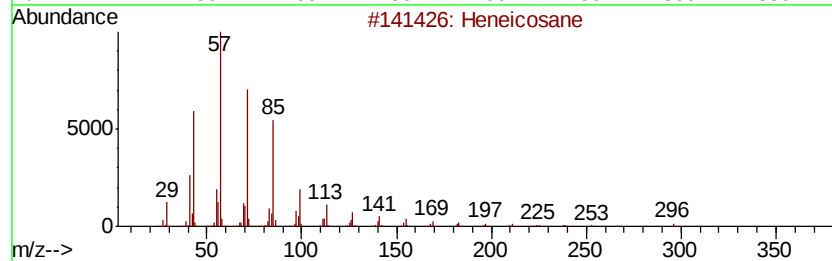
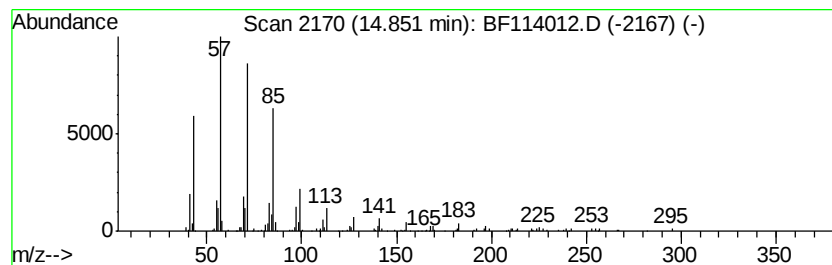
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	6.04 ng	282481	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114012.D
Acq On : 26 Apr 2019 16:23
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Sample : K2571-01
Misc :
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ClientSampleId :
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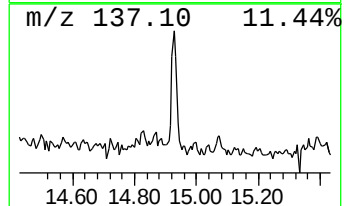
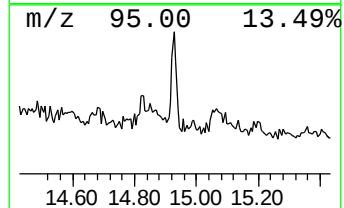
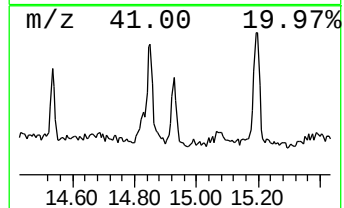
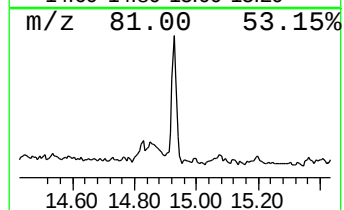
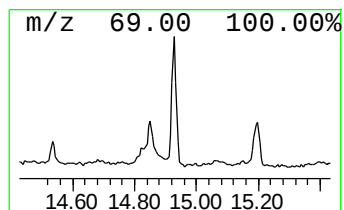
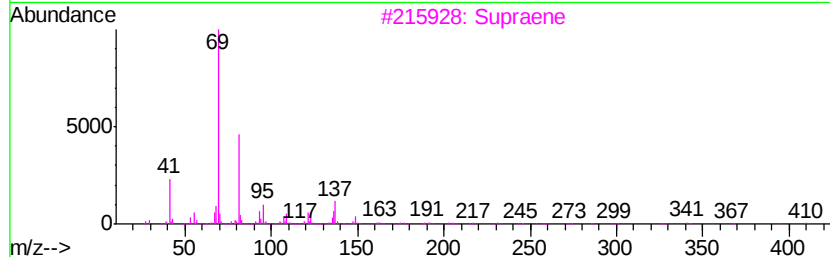
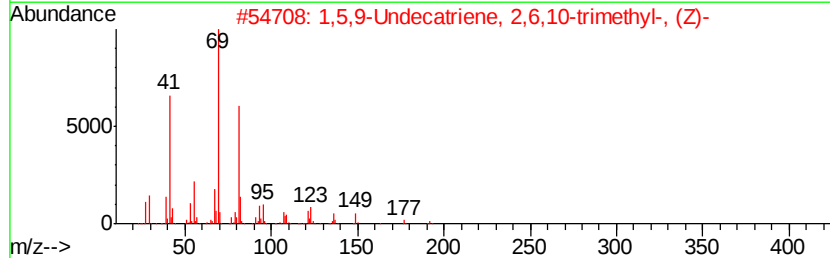
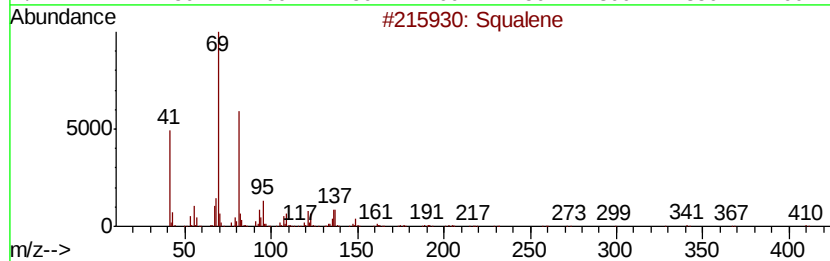
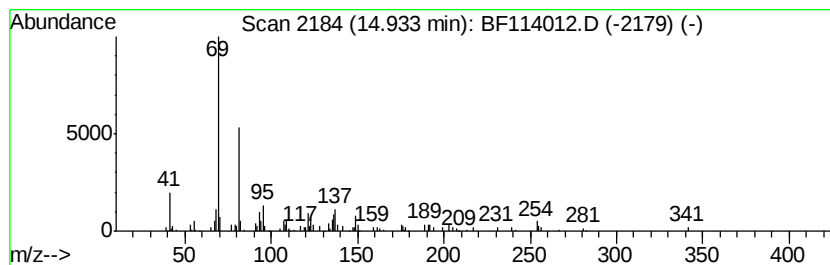
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.06 ng	96481	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
3		Supraene	410	C30H50	007683-64-9	83
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
5		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
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Sample : K2571-01
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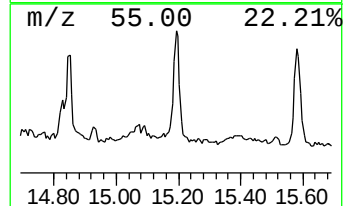
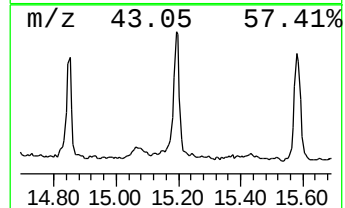
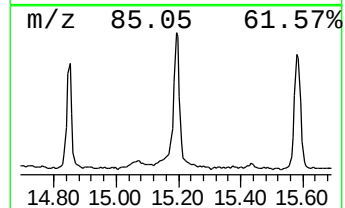
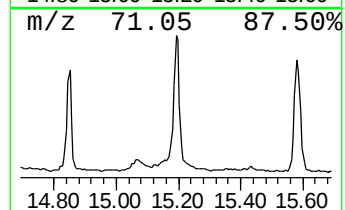
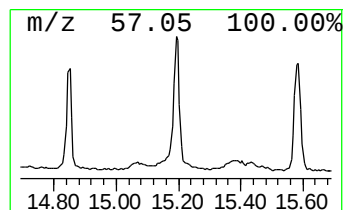
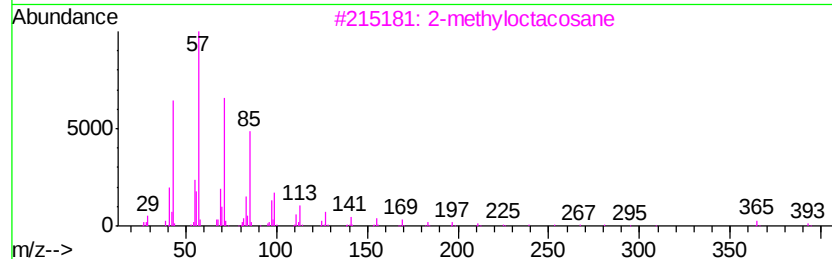
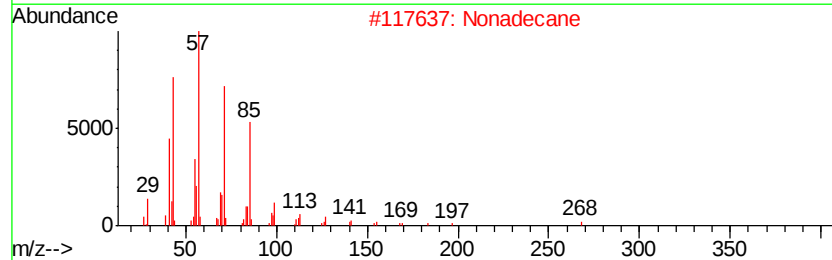
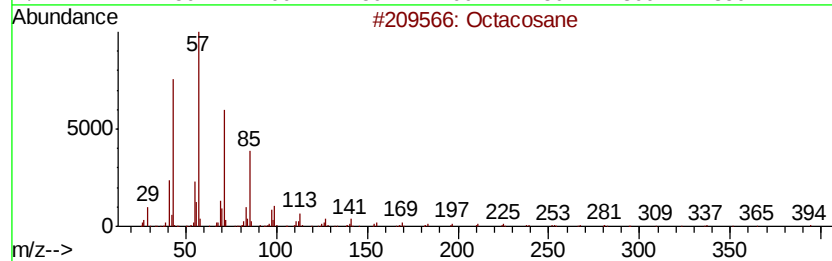
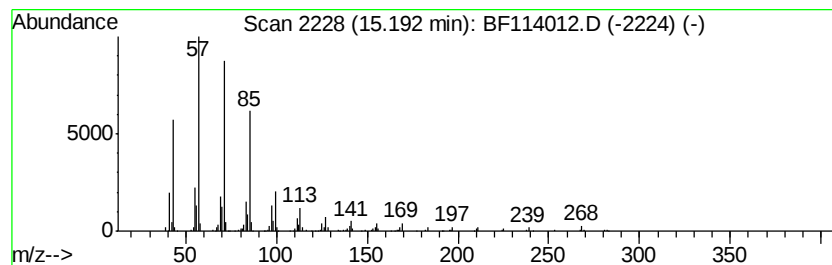
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	7.26 ng	339656	Perylene-d12	15.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosane	394 C28H58	000630-02-4 91
2		Nonadecane	268 C19H40	000629-92-5 91
3		2-methyloctacosane	408 C29H60	1000376-72-8 91
4		Heneicosane	296 C21H44	000629-94-7 91
5		6,6-Diethylhoctadecane	310 C22H46	1000360-41-8 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
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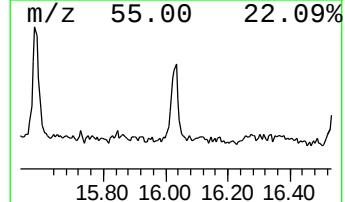
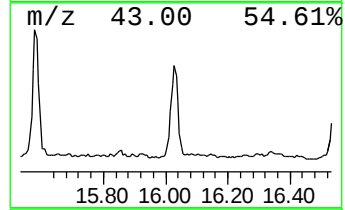
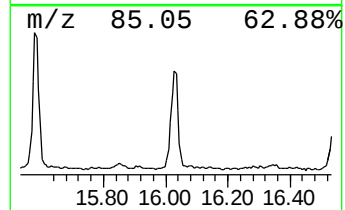
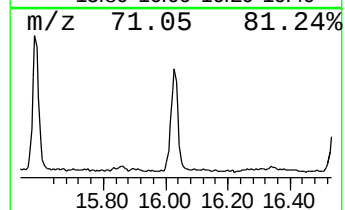
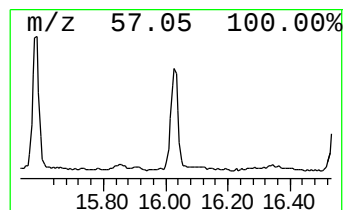
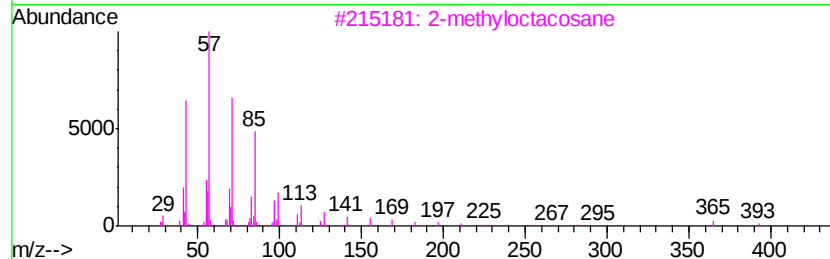
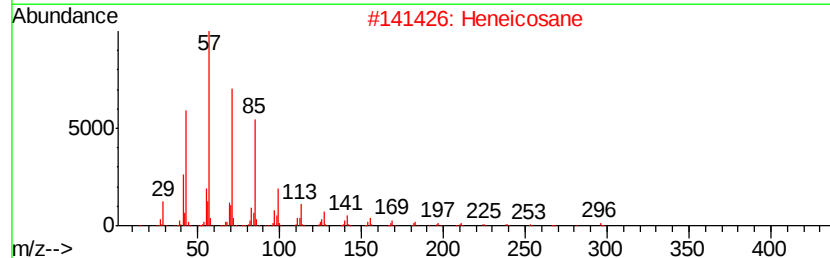
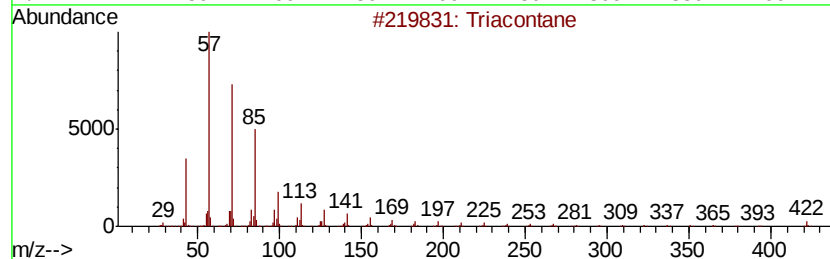
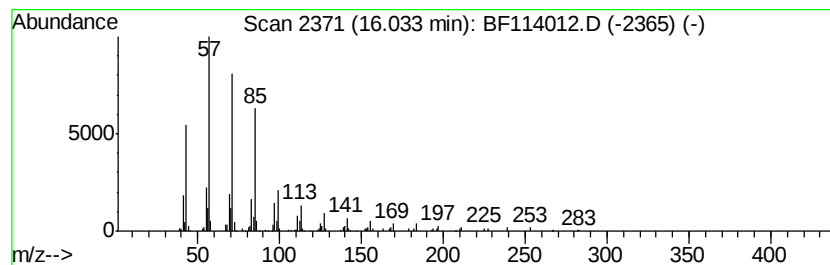
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.95 ng	278344	Perylene-d12	15.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
5			Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
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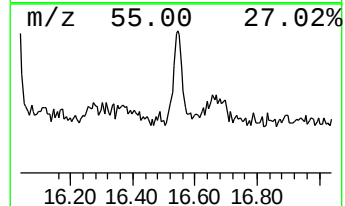
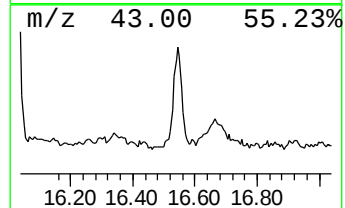
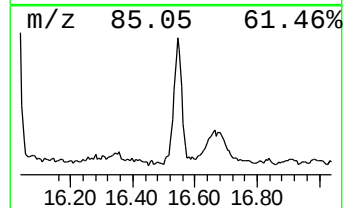
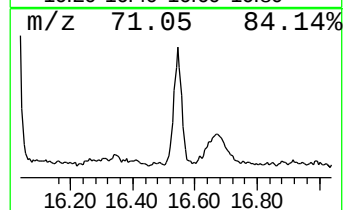
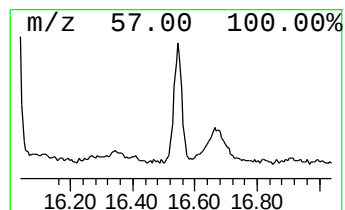
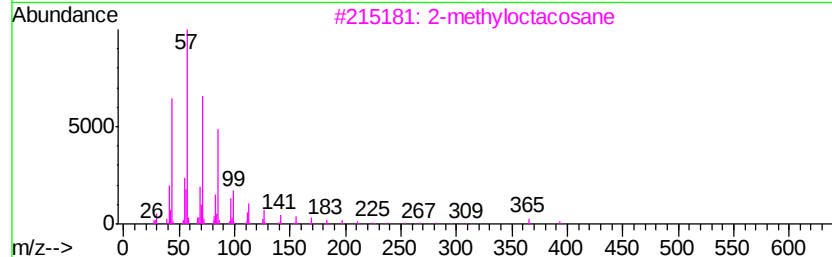
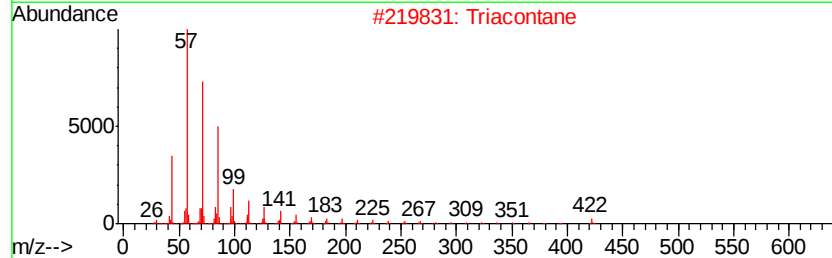
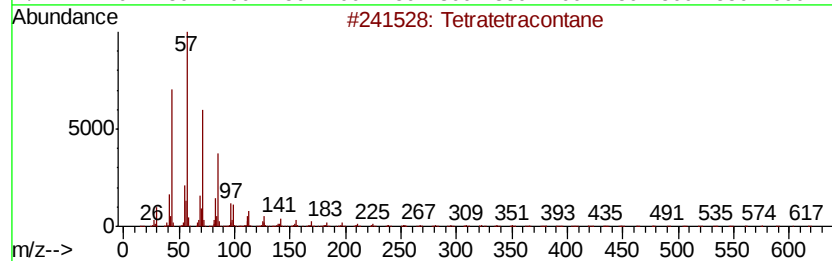
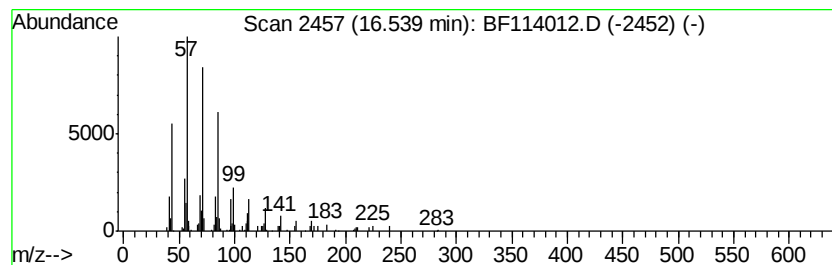
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.75 ng	175523	Perylene-d12	15.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Triacontane	422	C30H62	000638-68-6	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114012.D
Acq On : 26 Apr 2019 16:23
Operator : JU/SJ
Sample : K2571-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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...	2.21	4.1 ng		145344	1	6.89	704428	20.0
unknown6.66	6.66	69.4 ng		2445290	1	6.89	704428	20.0
Resorcinol	8.62	3.5 ng		156718	2	8.17	902526	20.0
Tridecane	11.32	5.5 ng		326865	4	11.42	1190140	20.0
n-Hexadecanoic acid	11.96	41.3 ng		2457650	4	11.42	1190140	20.0
Octadecanoic acid	12.74	56.3 ng		3049720	5	14.06	1082720	20.0
Octadecane	14.53	2.9 ng		155554	5	14.06	1082720	20.0
Heneicosane	14.85	6.0 ng		282481	6	15.55	935258	20.0
Squalene	14.93	2.1 ng		96481	6	15.55	935258	20.0
Nonadecane	15.19	7.3 ng		339656	6	15.55	935258	20.0
Octadecane, 1-iodo-	16.03	6.0 ng		278344	6	15.55	935258	20.0
Tetratetracontane	16.54	3.8 ng		175523	6	15.55	935258	20.0