

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120419\
 Data File : BF118089.D
 Acq On : 4 Dec 2019 16:36
 Operator : JU
 Sample : K6119-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(0-2)

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-BF111319.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	2.175	8	15	20	rBV	428828	534788	11.25%	1.285%
2	5.092	507	511	523	rVB	529190	639386	13.45%	1.536%
3	5.498	575	580	583	rBV	3502232	3193605	67.16%	7.671%
4	6.504	738	751	771	rBV	3285210	3732971	78.50%	8.966%
5	6.645	771	775	778	rBV	4051780	3727778	78.39%	8.954%
6	6.875	811	814	820	rBV	1251630	1014404	21.33%	2.437%
7	7.033	837	841	844	rBV	3545082	2940584	61.84%	7.063%
8	7.439	905	910	913	rBV	2404468	2197801	46.22%	5.279%
9	8.163	1029	1033	1042	rBV	1500192	1318058	27.72%	3.166%
10	9.245	1211	1217	1220	rBV	4697547	4188076	88.07%	10.059%
11	9.357	1232	1236	1242	rVB	212019	206427	4.34%	0.496%
12	9.633	1279	1283	1293	rBV	395564	367785	7.73%	0.883%
13	9.927	1328	1333	1342	rBV	1818643	1547848	32.55%	3.718%
14	10.504	1428	1431	1438	rVB	58270	56958	1.20%	0.137%
15	10.721	1463	1468	1485	rBV	3017410	2957382	62.19%	7.103%
16	11.421	1583	1587	1593	rBV	1780553	1551022	32.62%	3.725%
17	11.645	1620	1625	1631	rBV	59055	80235	1.69%	0.193%
18	11.939	1672	1675	1685	rBV2	263225	308599	6.49%	0.741%
19	12.462	1761	1764	1769	rBV	537144	564086	11.86%	1.355%
20	12.662	1792	1798	1802	rBV2	104433	114978	2.42%	0.276%
21	12.727	1805	1809	1821	rBV	171714	266069	5.60%	0.639%
22	13.009	1853	1857	1861	rBV	4902543	4755439	100.00%	11.422%
23	13.215	1888	1892	1894	rBV2	73934	89353	1.88%	0.215%
24	13.233	1894	1895	1899	rVB	91984	79674	1.68%	0.191%
25	13.580	1950	1954	1962	rVB	154001	153265	3.22%	0.368%
26	13.904	2005	2009	2021	rBV3	663729	852893	17.94%	2.049%
27	14.068	2033	2037	2043	rBV	1529811	1535633	32.29%	3.688%
28	14.227	2060	2064	2069	rVB	166790	149171	3.14%	0.358%
29	14.533	2112	2116	2123	rBV	171779	186746	3.93%	0.449%
30	14.845	2166	2169	2174	rVB	166614	157817	3.32%	0.379%
31	14.921	2179	2182	2186	rBV	52134	54258	1.14%	0.130%
32	15.192	2224	2228	2234	rBV	169322	201714	4.24%	0.484%
33	15.568	2286	2292	2302	rBV	922015	1415572	29.77%	3.400%
34	16.033	2367	2371	2377	rVB	127250	189336	3.98%	0.455%

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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 >
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35	16.098	2378	2382	2389	rVV7	37892	78901	1.66%	0.190%
36	16.556	2456	2460	2466	rVB2	75253	124213	2.61%	0.298%
37	17.168	2560	2564	2573	rVB4	41653	100769	2.12%	0.242%

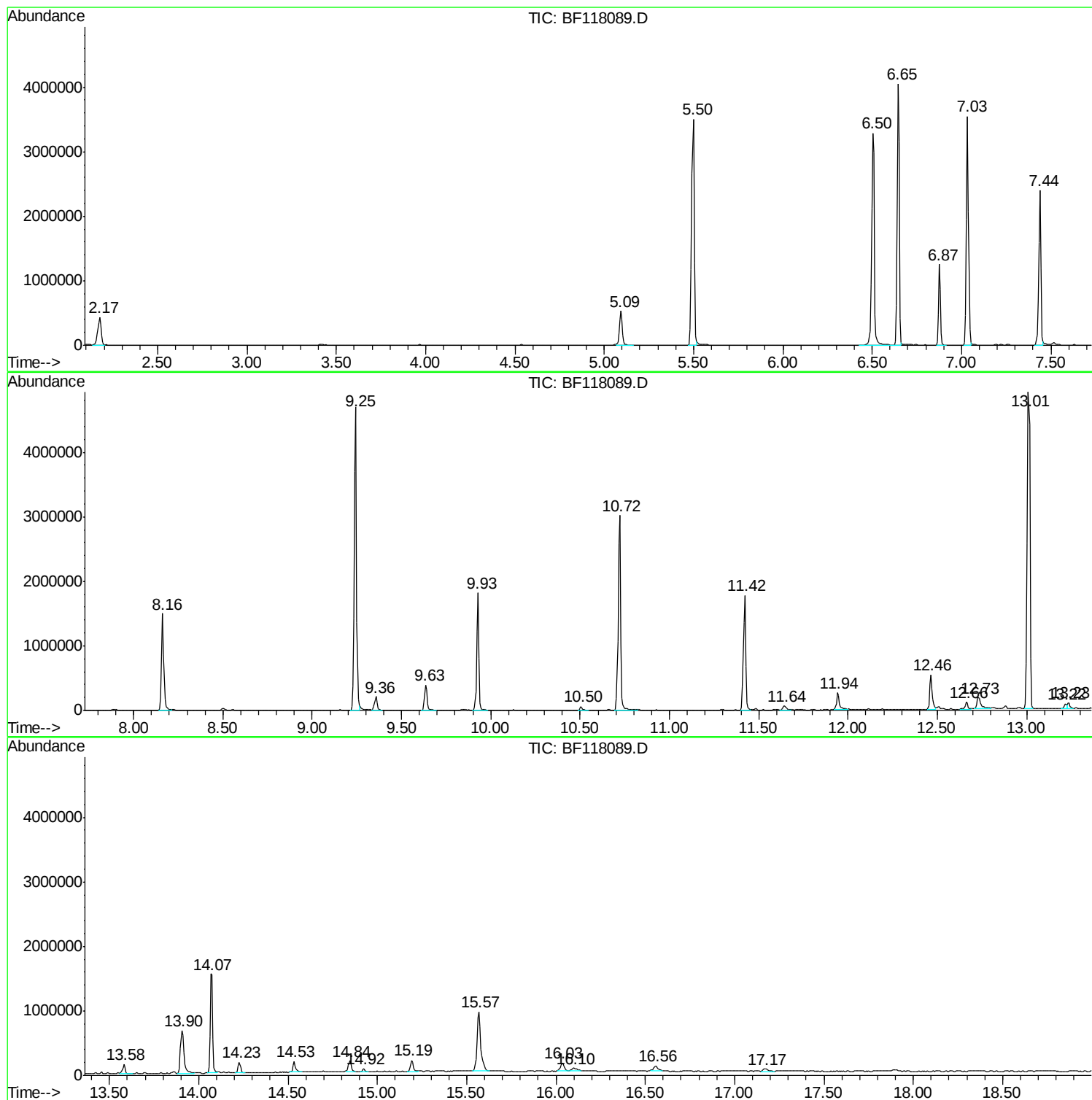
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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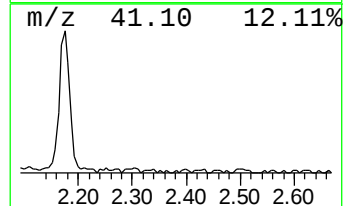
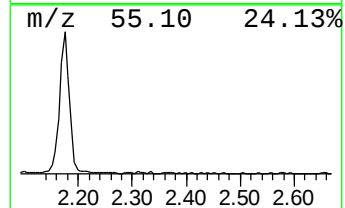
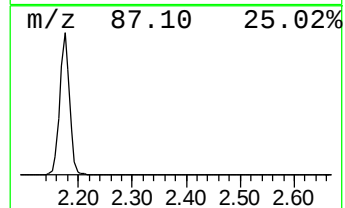
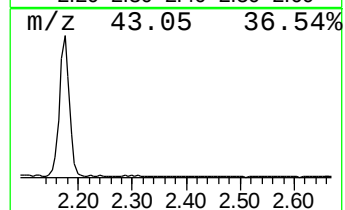
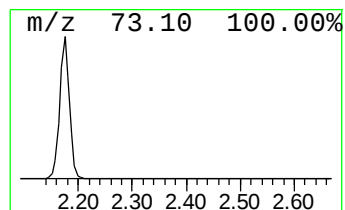
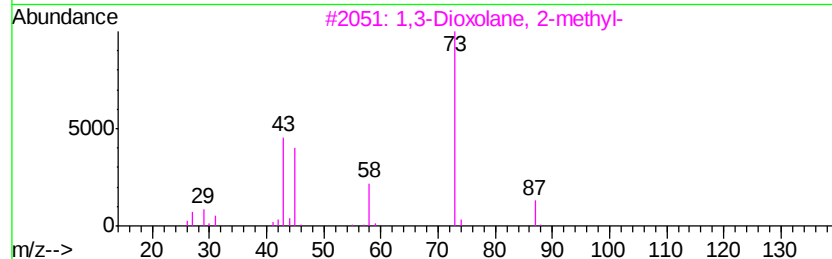
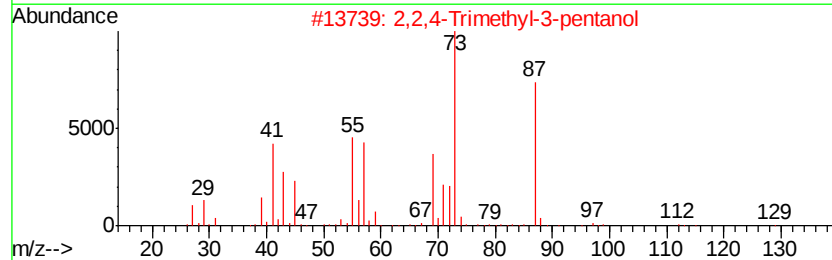
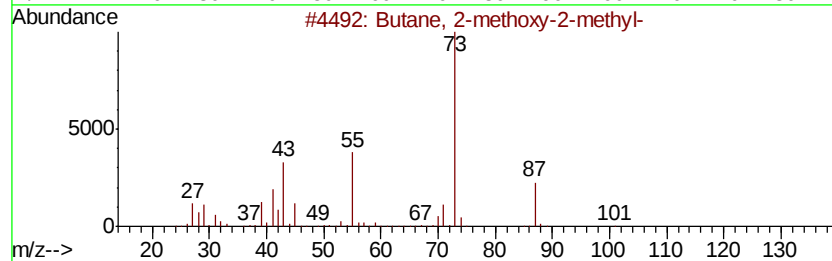
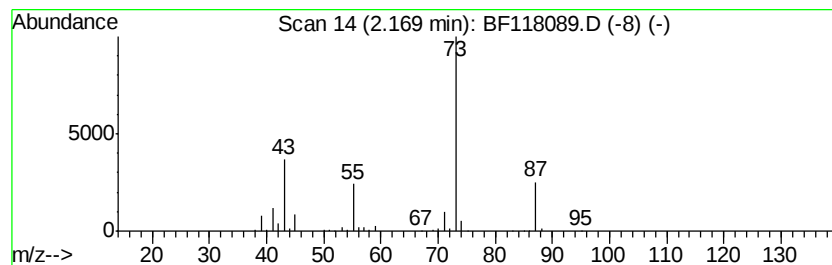
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	10.54 ng	534788	1,4-Dichlorobenzene-d4	6.87

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	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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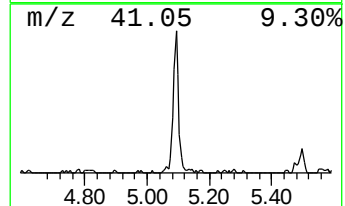
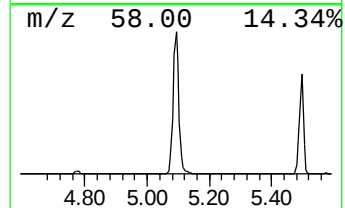
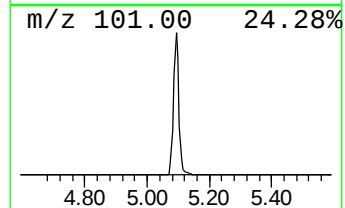
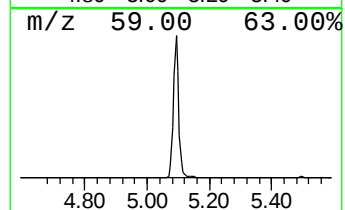
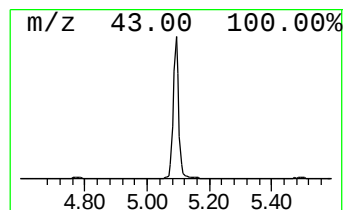
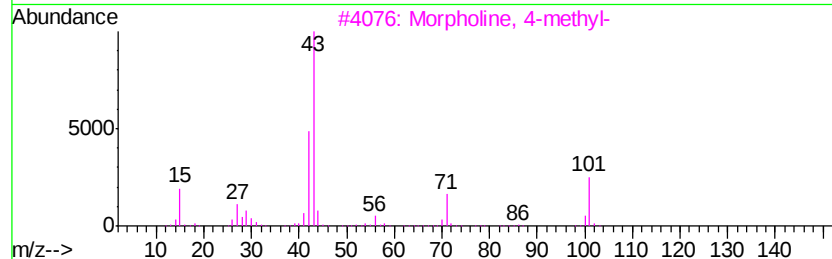
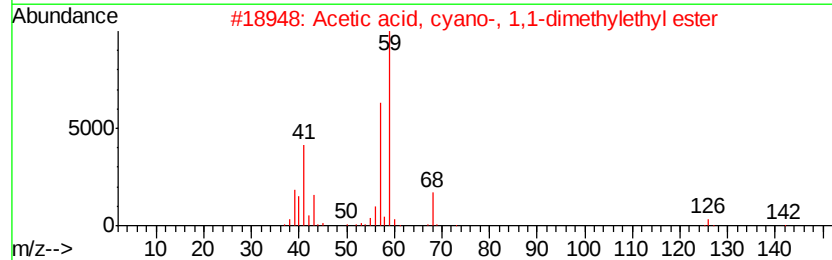
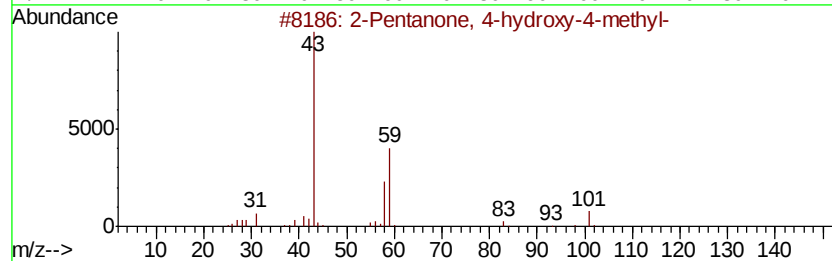
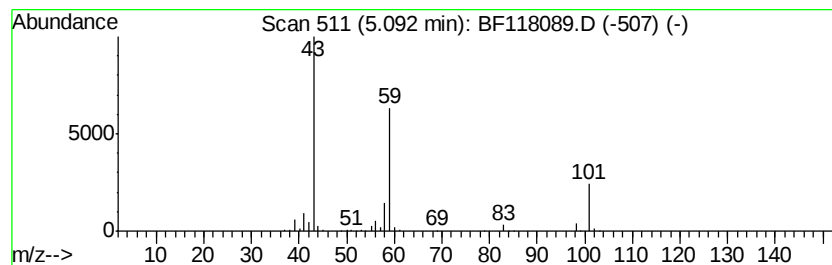
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	12.61 ng	639386	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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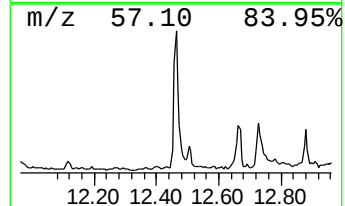
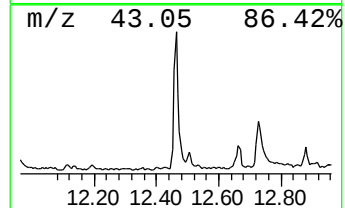
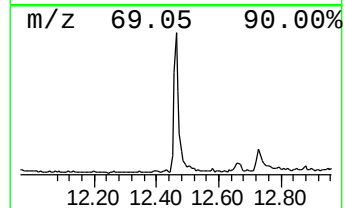
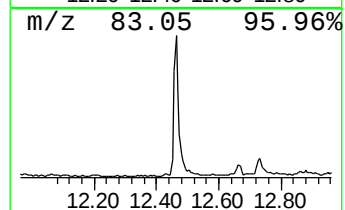
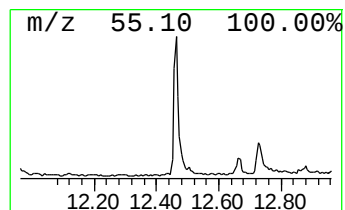
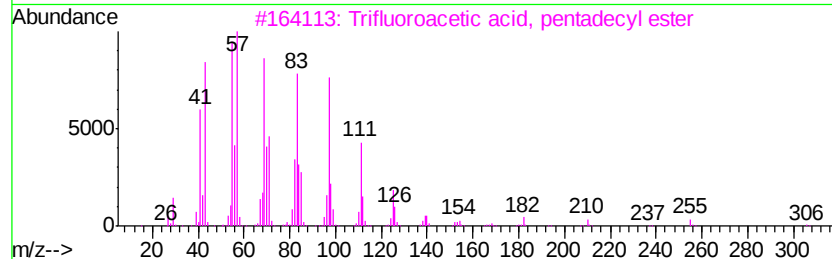
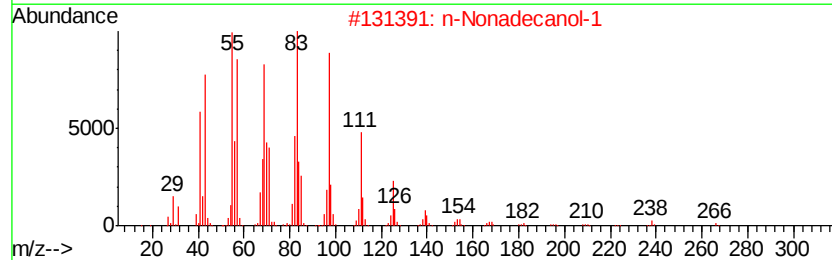
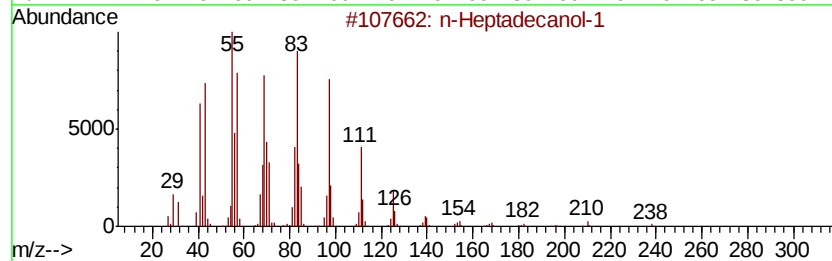
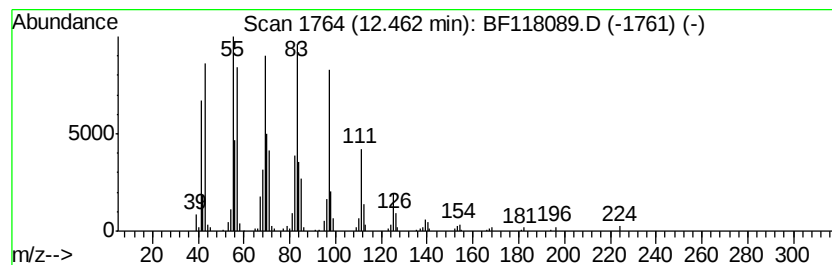
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Heptadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.46	7.27 ng	564086	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95	
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95	
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94	
4	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	94	
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94	



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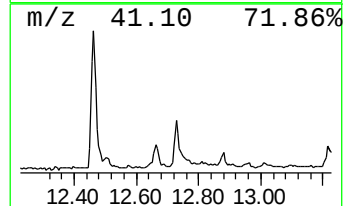
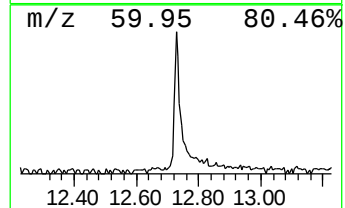
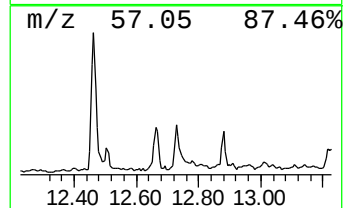
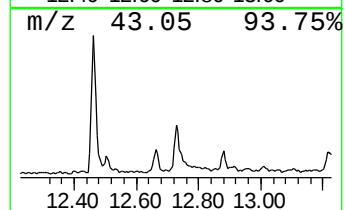
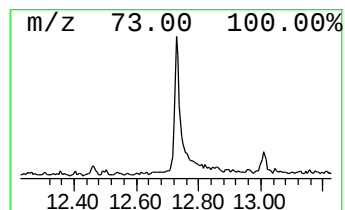
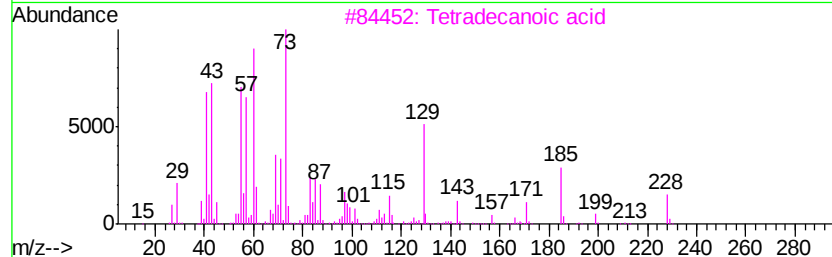
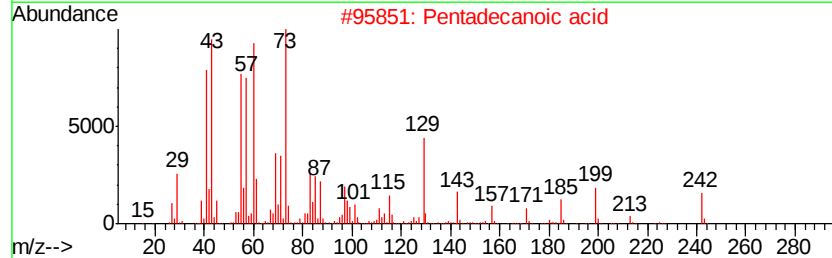
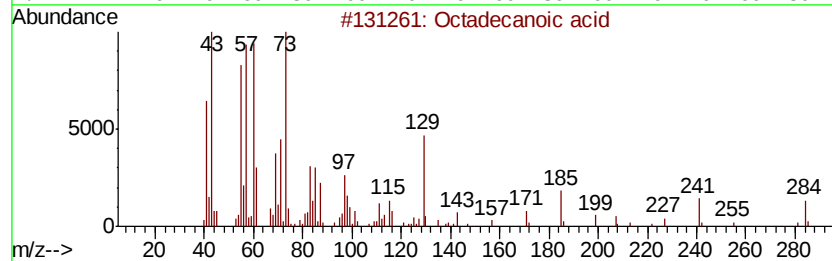
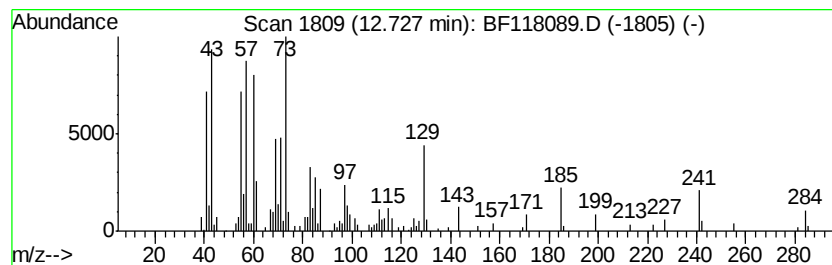
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.43 ng	266069	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	49
5		Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	38



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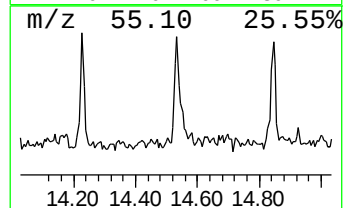
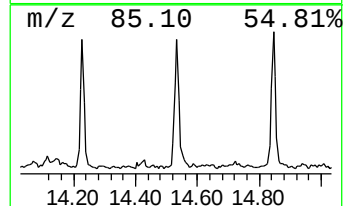
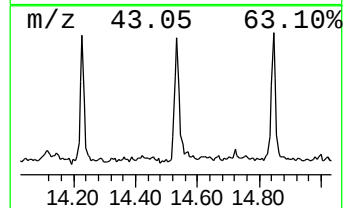
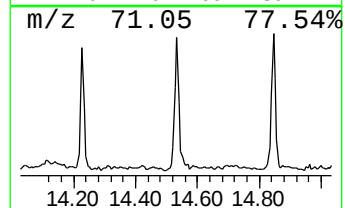
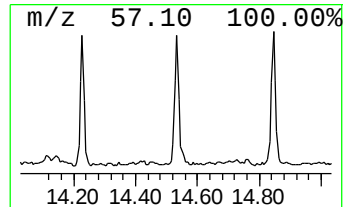
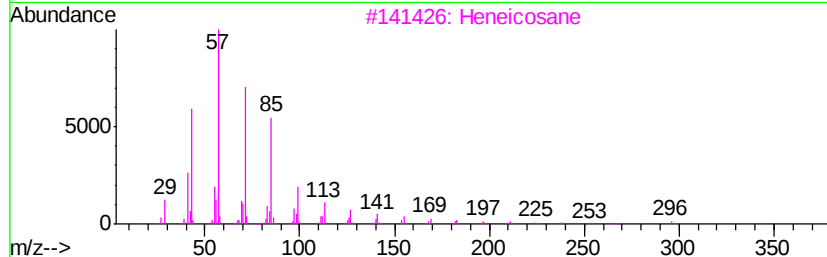
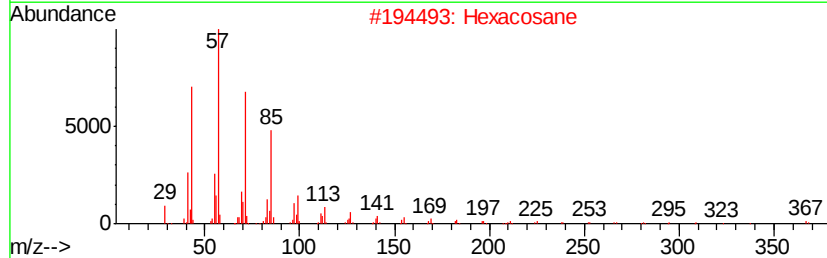
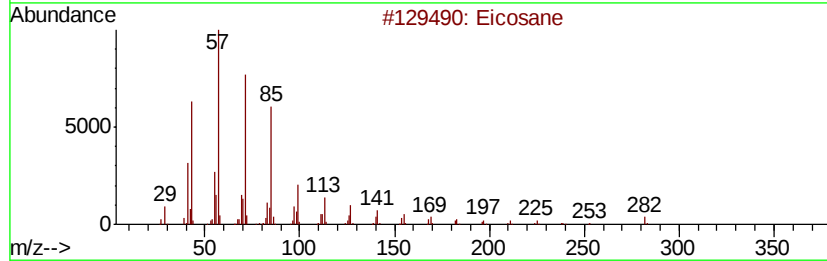
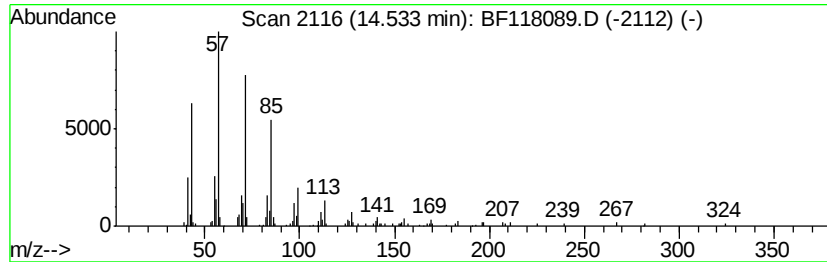
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.43 ng	186746	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Hexacosane		366	C26H54	000630-01-3	94
3	Heneicosane		296	C21H44	000629-94-7	91
4	Triacontane		422	C30H62	000638-68-6	91
5	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118089.D
Acq On : 4 Dec 2019 16:36
Operator : JU
Sample : K6119-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

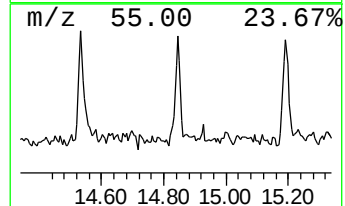
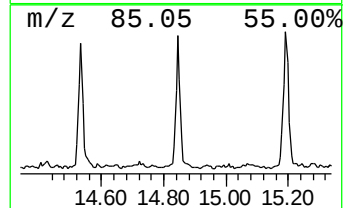
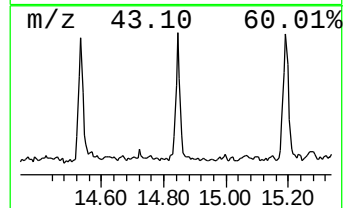
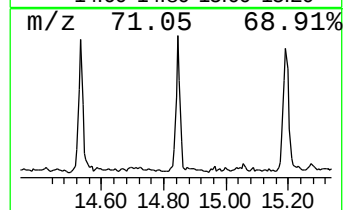
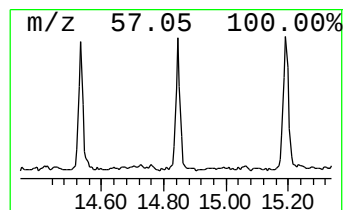
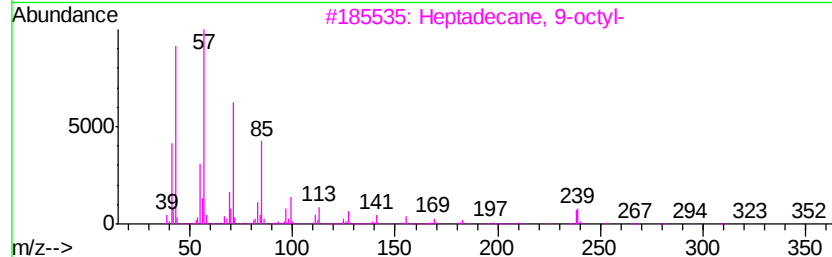
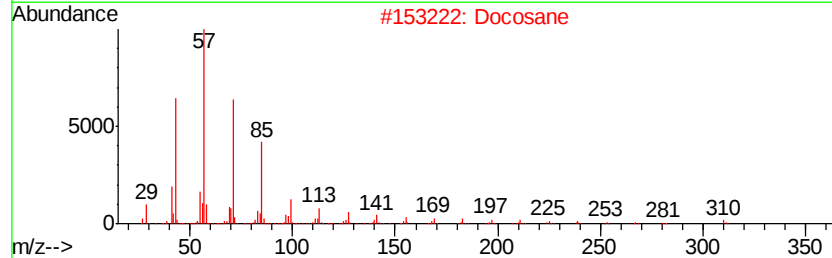
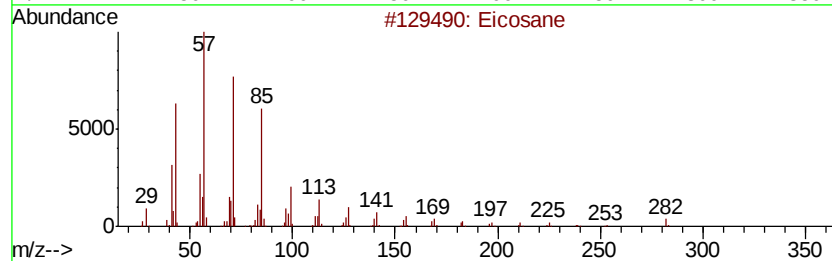
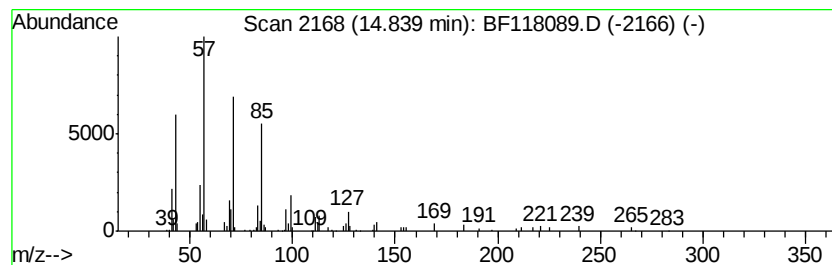
Instrument :
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ClientSampleId :
SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.23 ng	157817	Perylene-d12	15.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Docosane	310 C22H46	000629-97-0	91
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
4	Docosane, 7-hexyl-	394 C28H58	055373-86-9	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118089.D
Acq On : 4 Dec 2019 16:36
Operator : JU
Sample : K6119-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

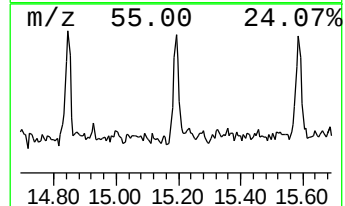
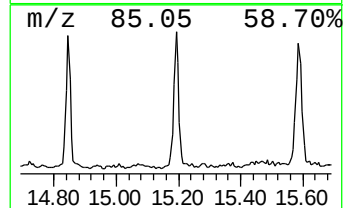
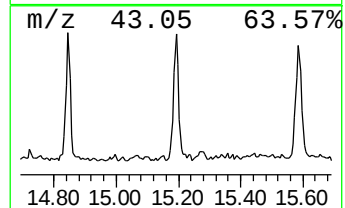
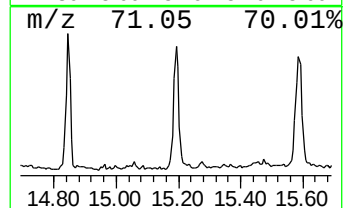
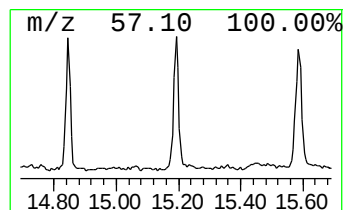
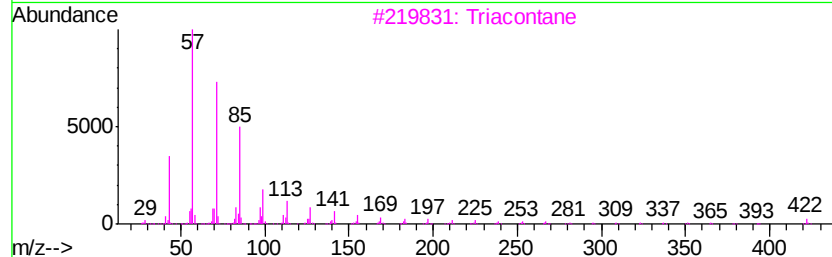
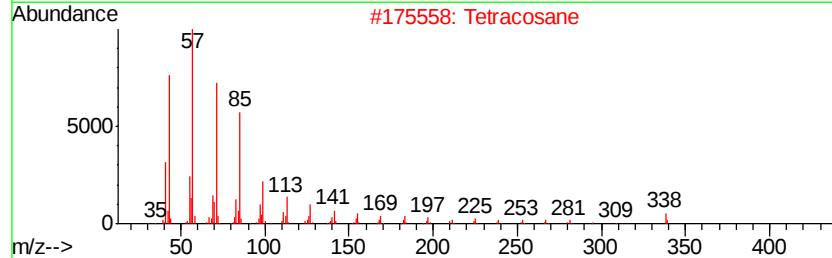
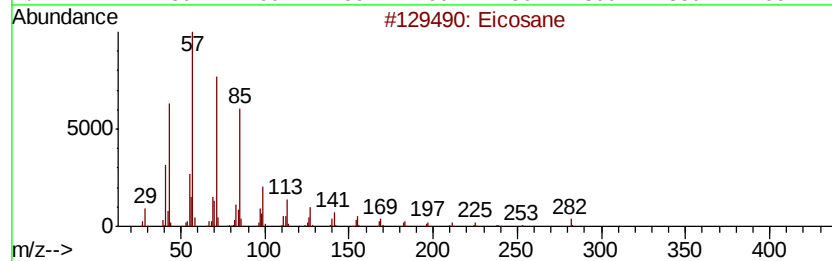
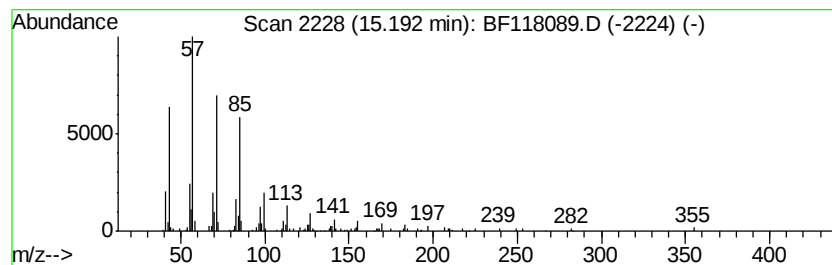
Instrument :
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ClientSampleId :
SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.85 ng	201714	Perylene-d12	15.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Tetracosane	338 C24H50	000646-31-1	91
3	Triacontane	422 C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	2-methyloctacosane	408 C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118089.D
Acq On : 4 Dec 2019 16:36
Operator : JU
Sample : K6119-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

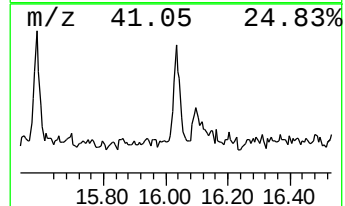
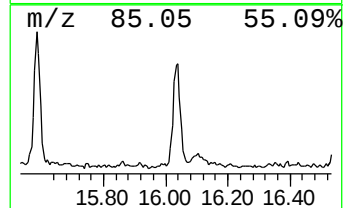
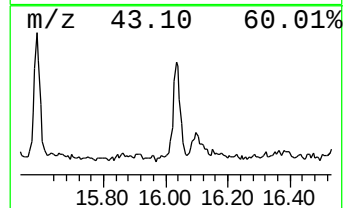
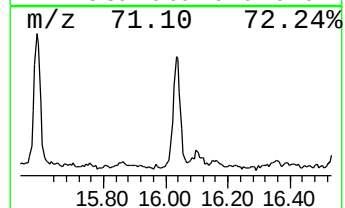
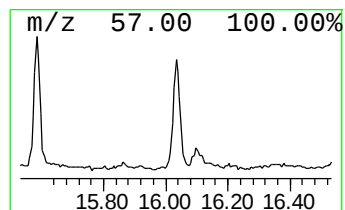
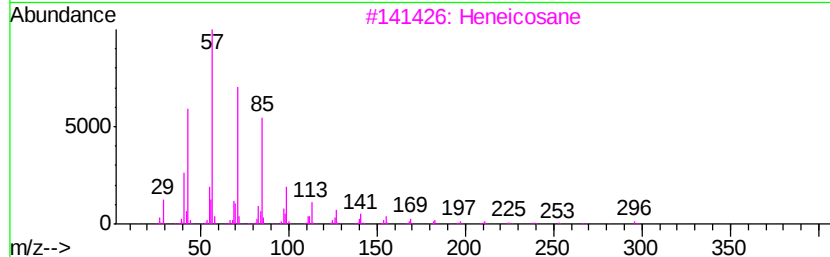
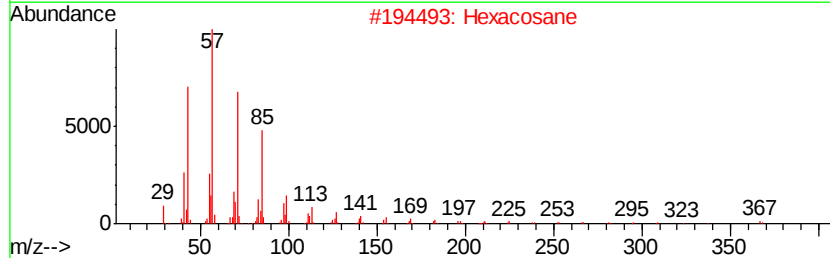
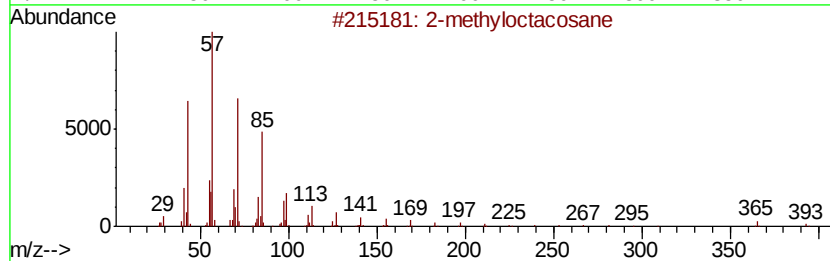
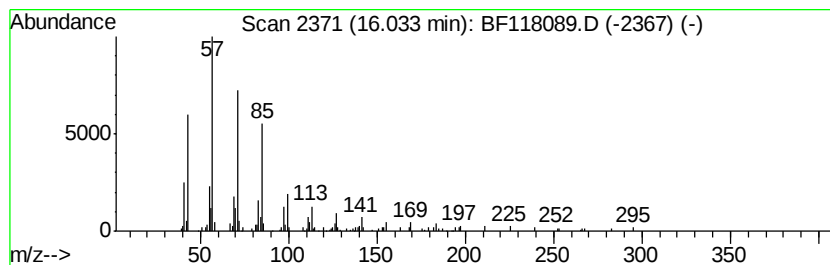
Instrument :
BNA_F
ClientSampleId :
SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.03	2.68 ng	189336	Perylene-d12		15.57		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			triacontane	422	C30H62	000638-68-6	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120419\
Data File : BF118089.D
Acq On : 4 Dec 2019 16:36
Operator : JU
Sample : K6119-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.17	10.5	ng	534788	1	6.87	1014400	20.0
2-Pentanone, 4-hy...	5.09	12.6	ng	639386	1	6.87	1014400	20.0
n-Heptadecanol-1	12.46	7.3	ng	564086	4	11.42	1551020	20.0
Octadecanoic acid	12.73	3.4	ng	266069	4	11.42	1551020	20.0
Eicosane	14.53	2.4	ng	186746	5	14.07	1535630	20.0
Docosane	14.84	2.2	ng	157817	6	15.57	1415570	20.0
Tetracosane	15.19	2.9	ng	201714	6	15.57	1415570	20.0
2-methyloctacosane	16.03	2.7	ng	189336	6	15.57	1415570	20.0