

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118090.D
 Acq On : 4 Dec 2019 17:04
 Operator : JU
 Sample : K6119-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(8-10)

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	2.151	5	11	21	rVB	369475	488565	10.61%	1.330%
2	5.087	506	510	525	rVB	484500	609383	13.23%	1.659%
3	5.498	575	580	583	rBV	3014675	3012714	65.41%	8.201%
4	6.504	738	751	763	rBV	3054438	3226358	70.05%	8.783%
5	6.645	771	775	778	rBV	3783862	3337282	72.45%	9.084%
6	6.875	811	814	821	rBV	1133773	924153	20.06%	2.516%
7	7.033	837	841	844	rBV	3315322	2729547	59.26%	7.430%
8	7.439	905	910	913	rBV	2233037	2015971	43.77%	5.488%
9	8.163	1029	1033	1051	rBV	1352312	1203402	26.13%	3.276%
10	9.245	1212	1217	1220	rBV	4183189	3761302	81.66%	10.239%
11	9.357	1232	1236	1247	rVB2	91361	101957	2.21%	0.278%
12	9.633	1280	1283	1288	rBV	335775	323675	7.03%	0.881%
13	9.927	1329	1333	1342	rBV	1476079	1222106	26.53%	3.327%
14	10.721	1464	1468	1482	rBV	3056170	2806935	60.94%	7.641%
15	11.421	1583	1587	1594	rBV	1685767	1511105	32.81%	4.113%
16	11.645	1621	1625	1634	rBV2	36182	51315	1.11%	0.140%
17	11.939	1672	1675	1685	rBV2	199963	243909	5.30%	0.664%
18	12.463	1761	1764	1769	rBV	69165	82775	1.80%	0.225%
19	12.733	1806	1810	1817	rBV	66698	107715	2.34%	0.293%
20	13.010	1853	1857	1861	rBV	4870894	4606034	100.00%	12.538%
21	13.239	1889	1896	1899	rBV	92745	111598	2.42%	0.304%
22	13.580	1949	1954	1961	rVB	163889	155210	3.37%	0.422%
23	13.910	2005	2010	2023	rBV2	532328	731316	15.88%	1.991%
24	14.074	2034	2038	2043	rBV	1380143	1315408	28.56%	3.581%
25	14.227	2060	2064	2069	rBV	133374	122635	2.66%	0.334%
26	14.533	2113	2116	2123	rBV	132478	147386	3.20%	0.401%
27	14.845	2164	2169	2175	rBV	103803	122750	2.66%	0.334%
28	15.192	2224	2228	2240	rVB	112196	147577	3.20%	0.402%
29	15.568	2286	2292	2301	rBV	817925	1186913	25.77%	3.231%
30	16.039	2366	2372	2377	rBV	96790	162228	3.52%	0.442%
31	16.098	2378	2382	2389	rVV6	45126	99822	2.17%	0.272%
32	16.556	2456	2460	2466	rVB2	41382	67147	1.46%	0.183%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(8-10)

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

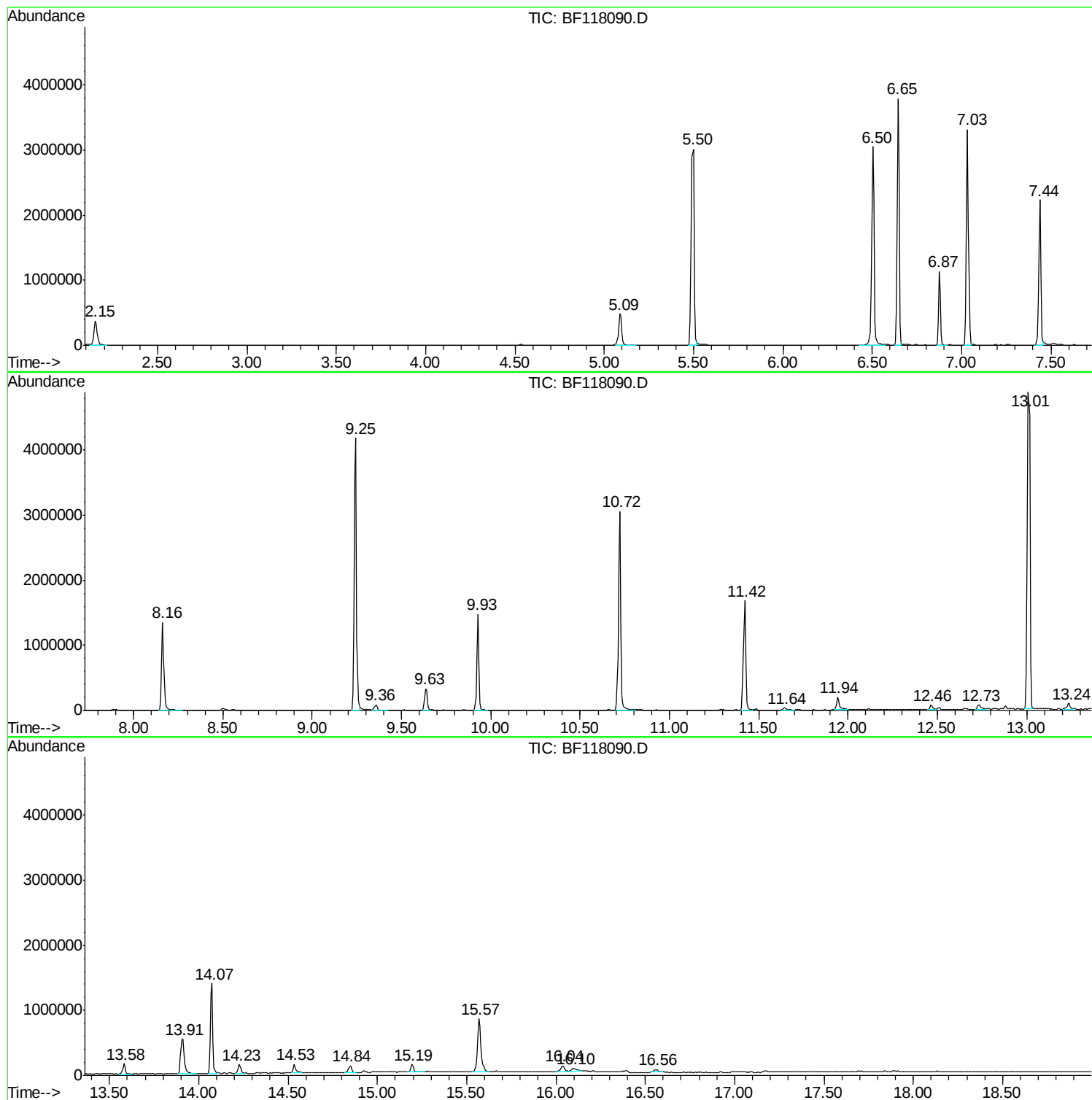
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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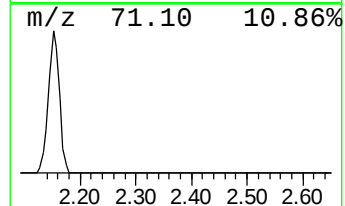
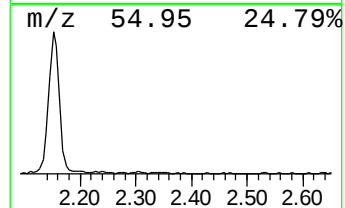
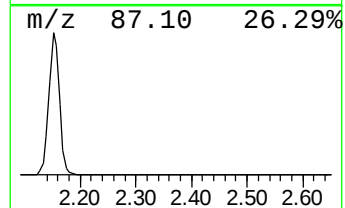
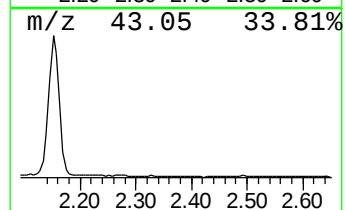
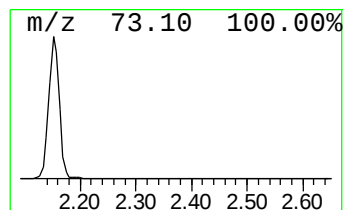
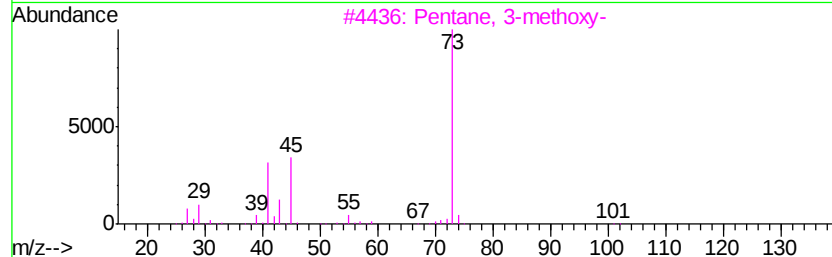
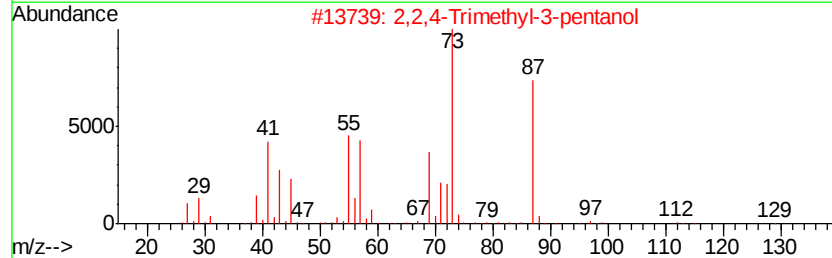
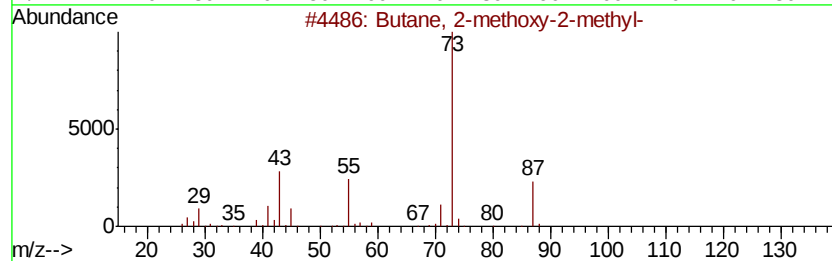
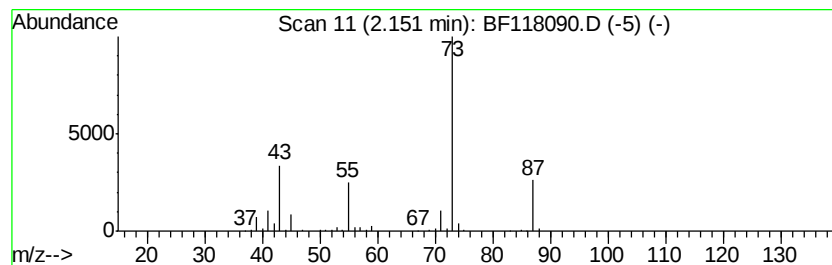
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	10.57 ng	488565	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	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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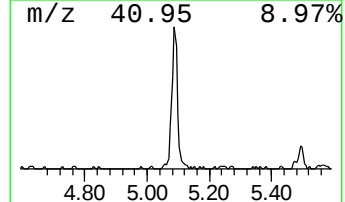
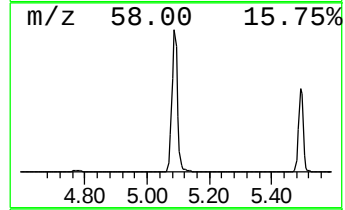
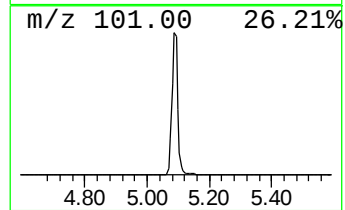
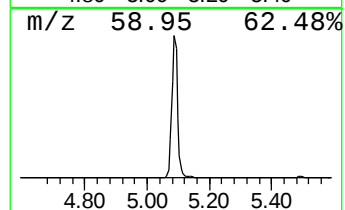
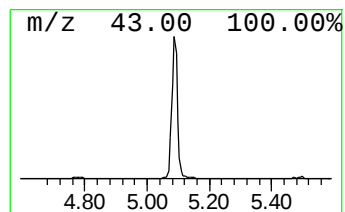
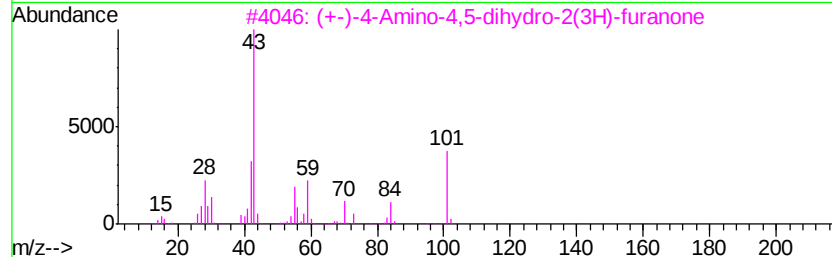
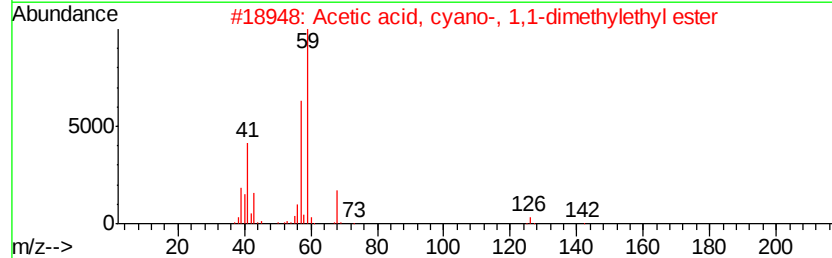
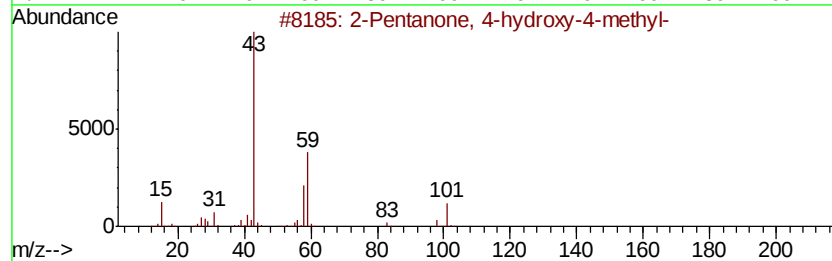
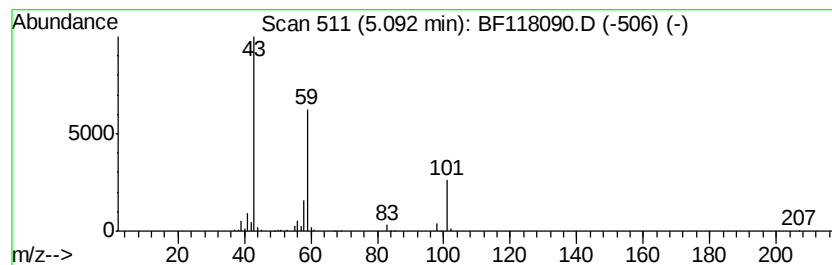
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	13.19 ng	609383	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	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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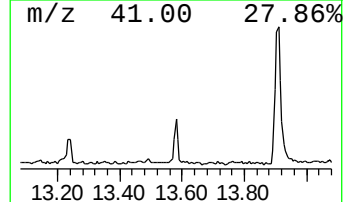
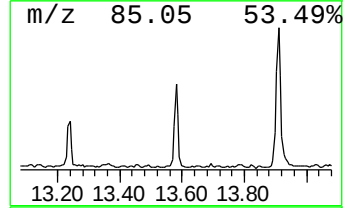
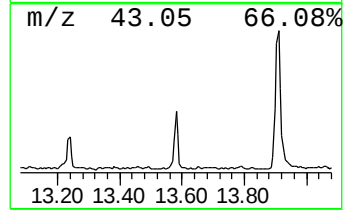
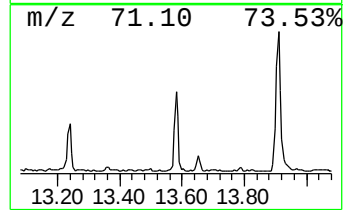
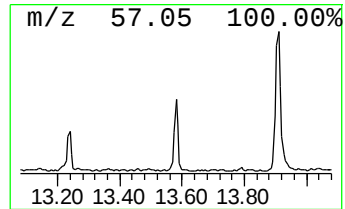
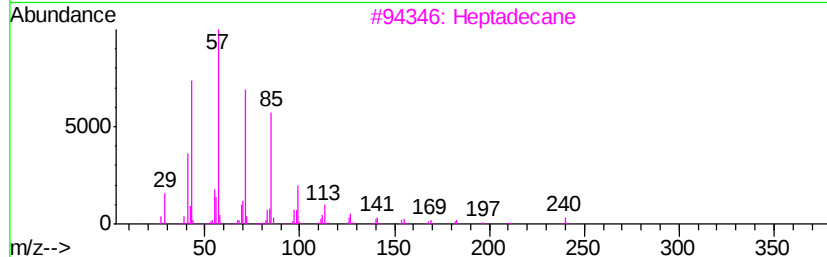
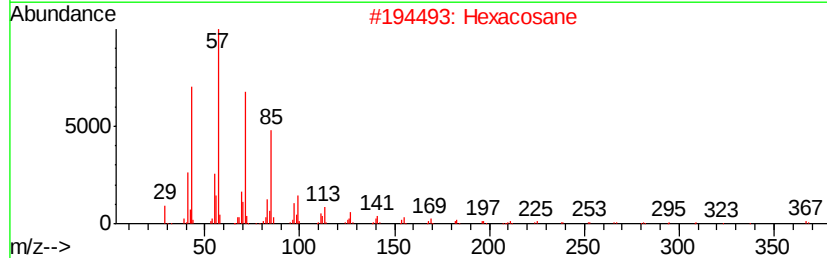
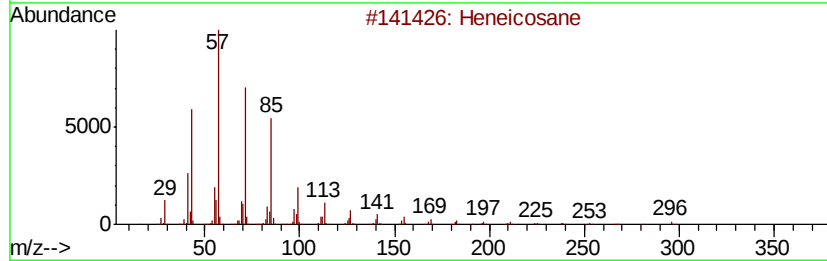
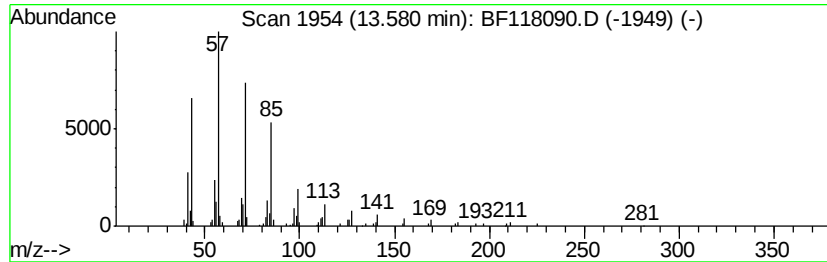
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.36 ng	155210	Chrysene-d12	14.07

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		240	C17H36	000629-78-7	91
4	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	91
5	Octadecane		254	C18H38	000593-45-3	91



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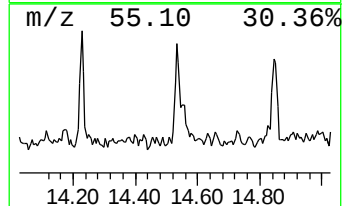
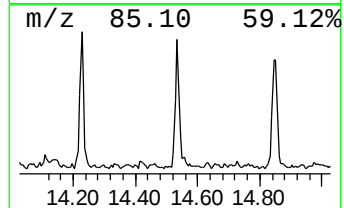
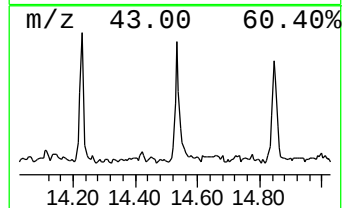
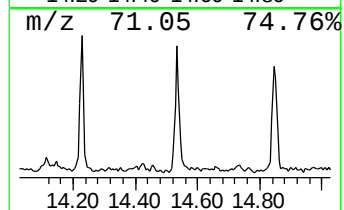
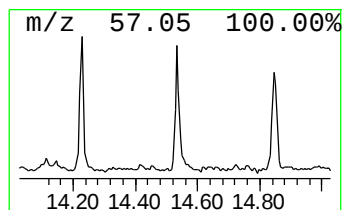
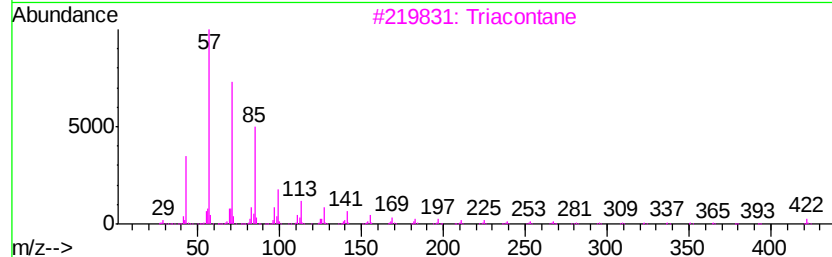
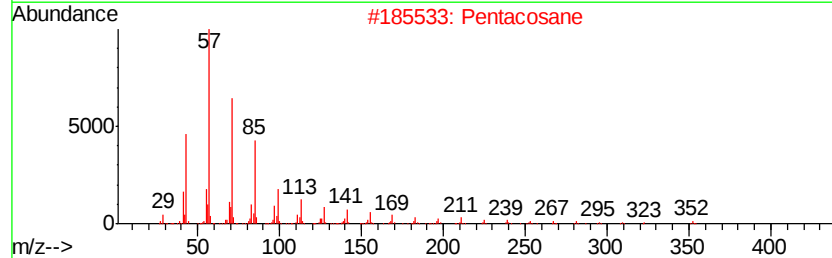
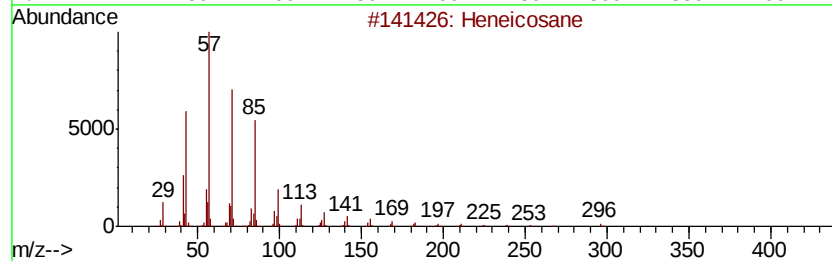
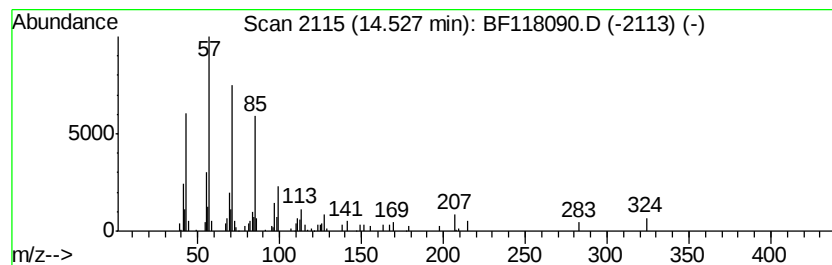
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.24 ng	147386	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Triacontane	422	C30H62	000638-68-6	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		Docosane	310	C22H46	000629-97-0	87



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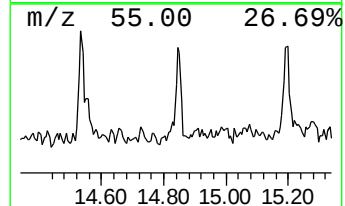
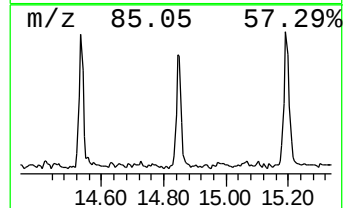
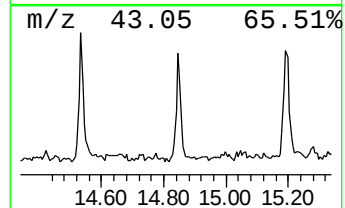
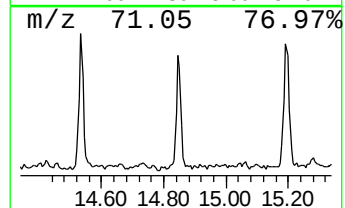
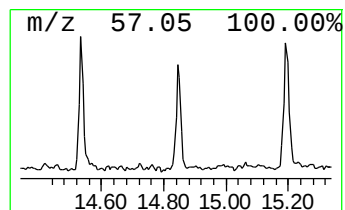
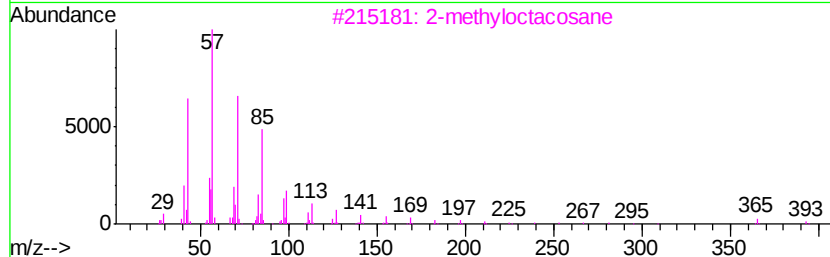
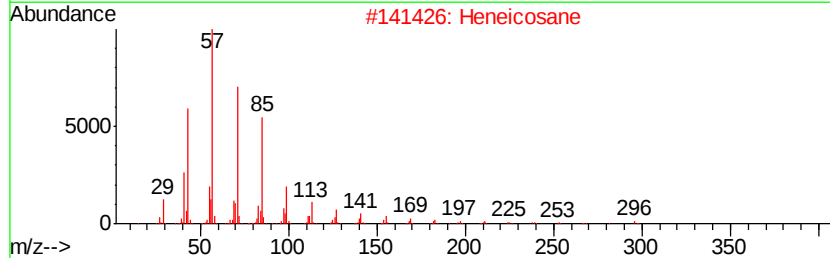
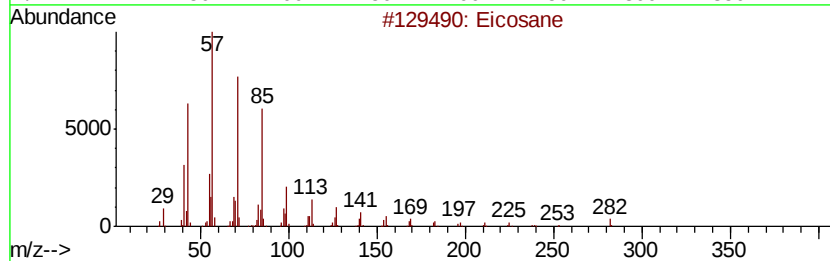
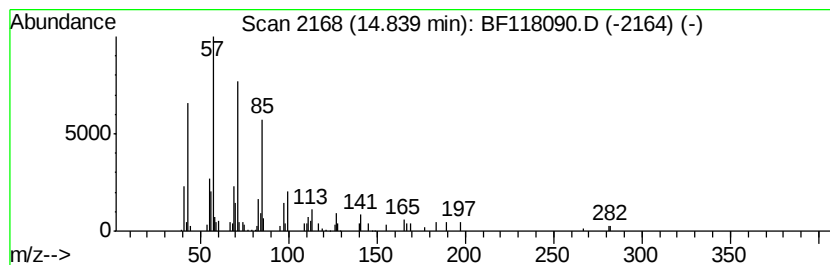
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.07 ng	122750	Perylene-d12	15.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Heneicosane		296	C21H44	000629-94-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



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SB-5-(8-10)

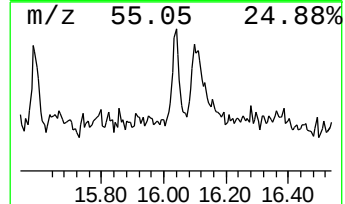
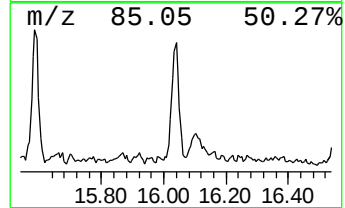
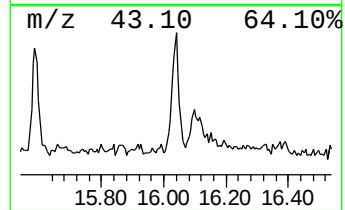
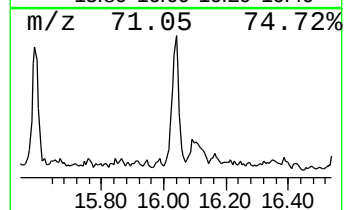
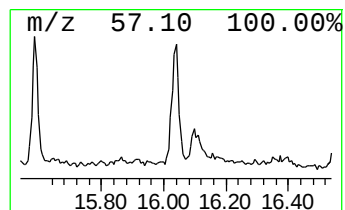
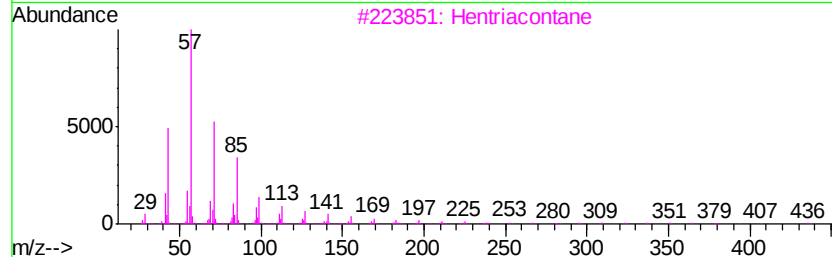
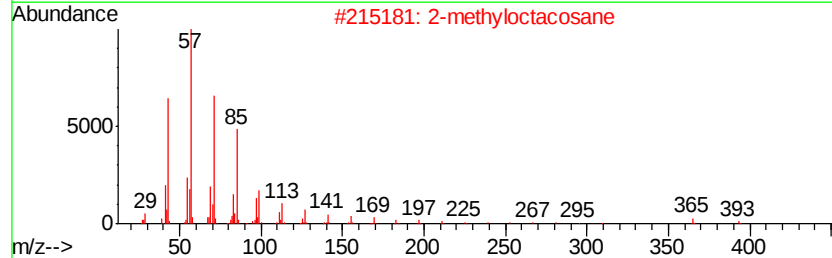
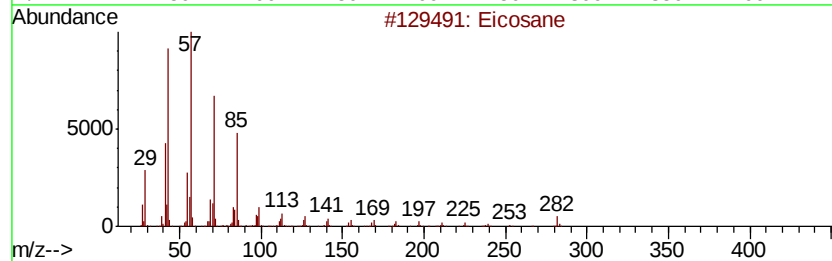
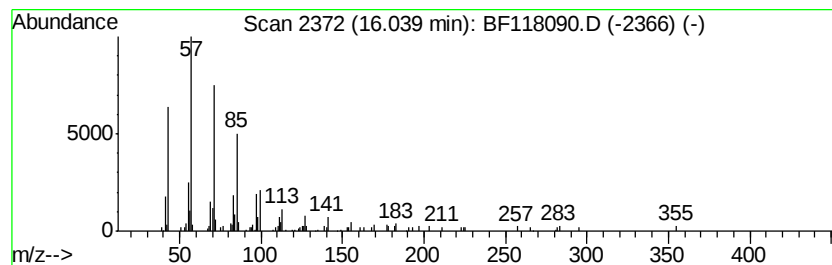
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.73 ng	162228	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120419\
Data File : BF118090.D
Acq On : 4 Dec 2019 17:04
Operator : JU
Sample : K6119-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-(8-10)

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...	2.15	10.6	ng	488565	1	6.87	924153	20.0
2-Pentanone, 4-hy...	5.09	13.2	ng	609383	1	6.87	924153	20.0
Heneicosane	13.58	2.4	ng	155210	5	14.07	1315410	20.0
Pentacosane	14.53	2.2	ng	147386	5	14.07	1315410	20.0
Eicosane	14.84	2.1	ng	122750	6	15.57	1186910	20.0
2-methyloctacosane	16.04	2.7	ng	162228	6	15.57	1186910	20.0