

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022720\
 Data File : BF119102.D
 Acq On : 27 Feb 2020 10:01
 Operator : CG/JU
 Sample : L1680-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WALL

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-BF022020.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	2.116	3	5	17	rVB	45364	65931	1.52%	0.219%
2	4.322	376	380	392	rBV	104879	147856	3.40%	0.491%
3	4.951	483	487	500	rVB	288853	373315	8.59%	1.240%
4	5.375	555	559	572	rBV	2186917	2203262	50.71%	7.316%
5	6.387	727	731	749	rBV	2474425	2698879	62.11%	8.961%
6	6.745	788	792	801	rBV	1031904	925411	21.30%	3.073%
7	6.898	814	818	822	rBV	2770862	2560461	58.93%	8.502%
8	7.304	883	887	900	rBV	1813606	1896141	43.64%	6.296%
9	7.451	909	912	920	rVB	55548	58404	1.34%	0.194%
10	8.022	1005	1009	1032	rBV	1209841	1230187	28.31%	4.085%
11	9.098	1187	1192	1196	rBV	4032115	3989790	91.82%	13.248%
12	9.492	1256	1259	1263	rBV	140631	117994	2.72%	0.392%
13	9.775	1302	1307	1311	rBV	1665284	1514130	34.85%	5.028%
14	10.563	1437	1441	1451	rBV	1500644	1385753	31.89%	4.601%
15	10.680	1457	1461	1469	rVB2	58989	70091	1.61%	0.233%
16	11.263	1556	1560	1563	rBV	1737016	1576919	36.29%	5.236%
17	11.792	1646	1650	1653	rBV	138386	144450	3.32%	0.480%
18	12.474	1763	1766	1769	rBV	82747	82469	1.90%	0.274%
19	12.574	1779	1783	1787	rBV2	52188	62238	1.43%	0.207%
20	12.698	1801	1804	1806	rBV	81251	66005	1.52%	0.219%
21	12.845	1824	1829	1832	rBV	4657922	4345211	100.00%	14.428%
22	13.739	1975	1981	1992	rVB5	263573	425802	9.80%	1.414%
23	13.898	2000	2008	2011	rBV	1325600	1318779	30.35%	4.379%
24	14.062	2031	2036	2043	rBV	133060	156720	3.61%	0.520%
25	14.362	2083	2087	2094	rBV2	225208	293071	6.74%	0.973%
26	14.639	2131	2134	2135	rBV	110560	96117	2.21%	0.319%
27	14.662	2135	2138	2147	rVB	249608	263385	6.06%	0.875%
28	14.980	2187	2192	2195	rBV	256814	290967	6.70%	0.966%
29	15.327	2245	2251	2259	rBV	865607	1304702	30.03%	4.332%
30	15.745	2316	2322	2327	rBV	170672	250975	5.78%	0.833%
31	16.215	2397	2402	2408	rBV2	76097	133251	3.07%	0.442%
32	16.768	2493	2496	2505	rVB3	32580	67741	1.56%	0.225%

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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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

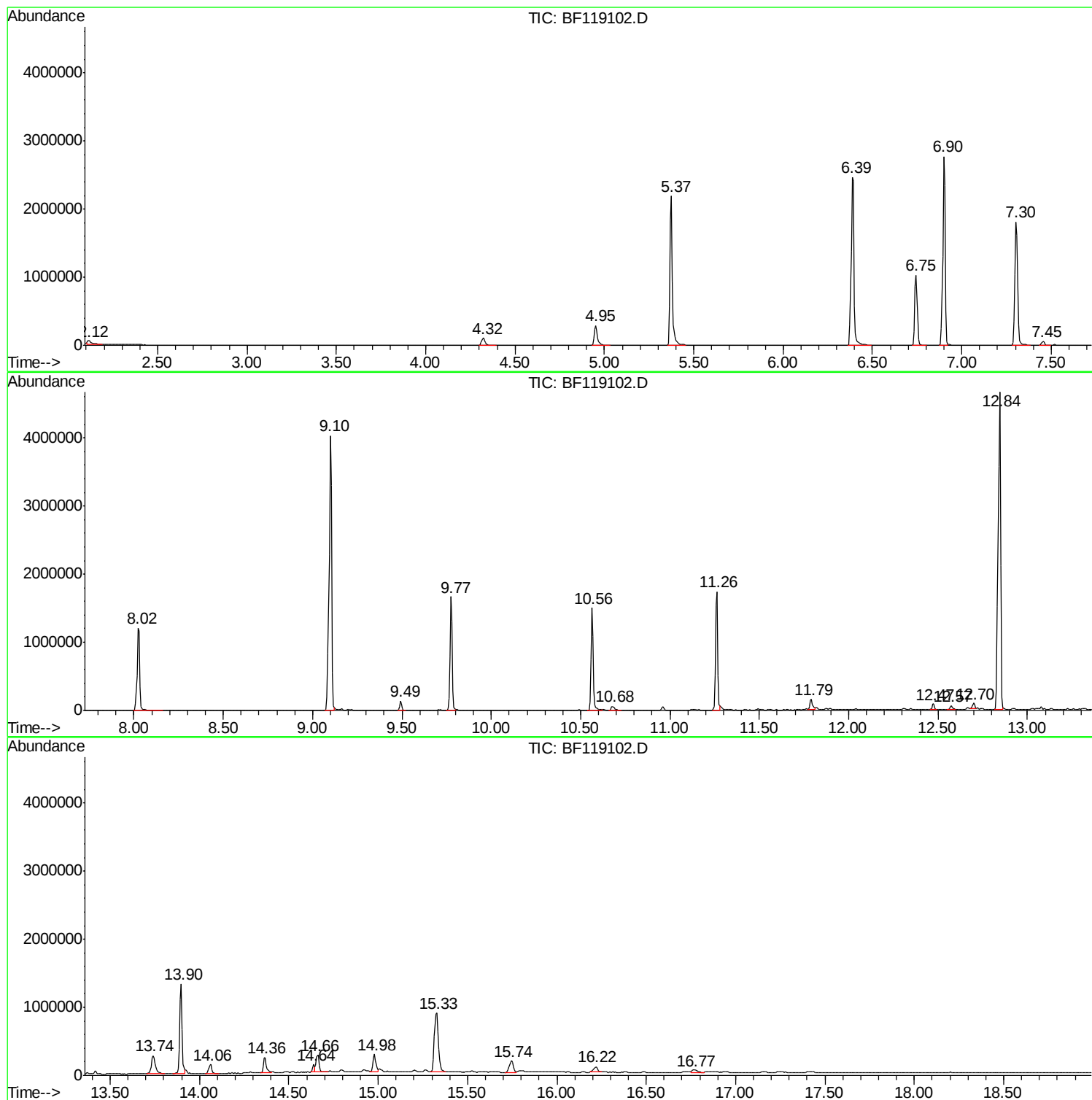
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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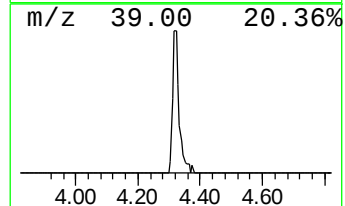
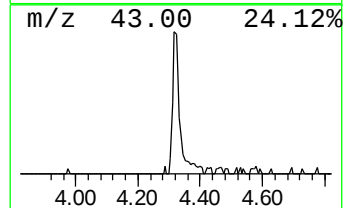
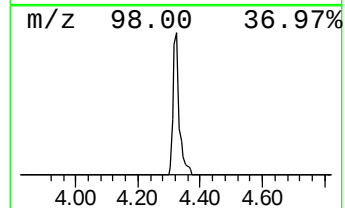
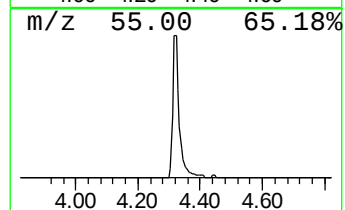
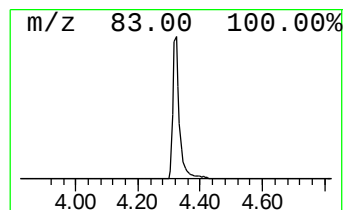
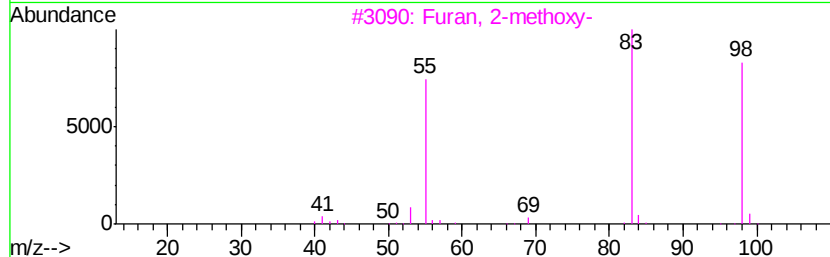
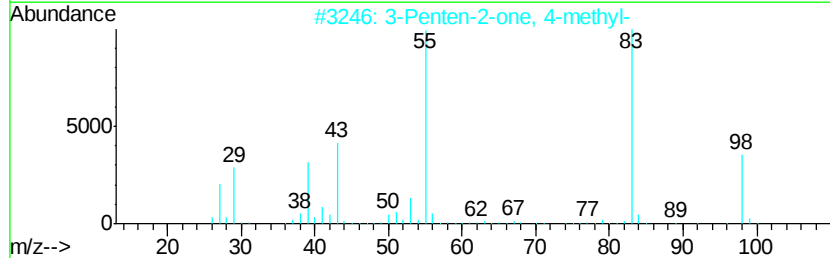
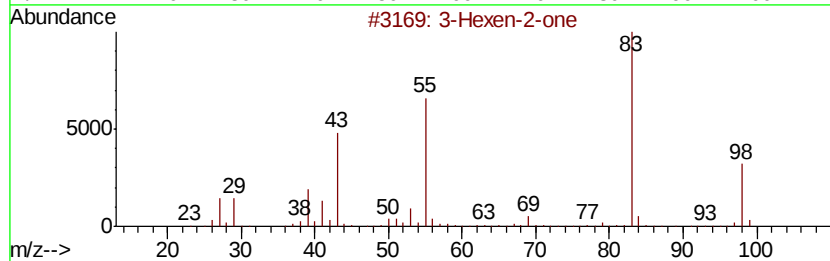
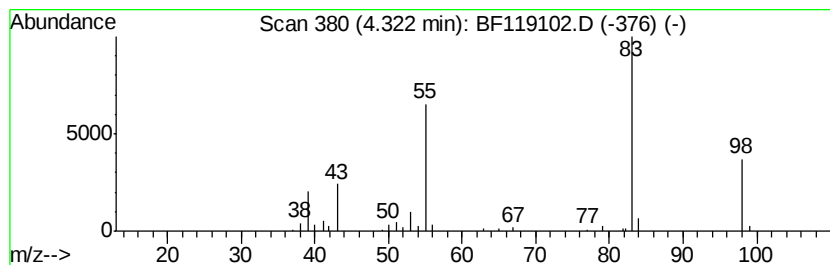
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Hexen-2-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	3.20 ng	147856	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexen-2-one	98	C6H10O	000763-93-9	91
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3			Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80



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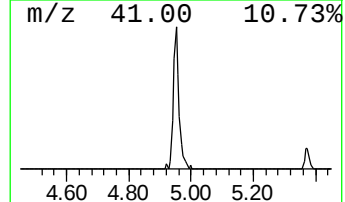
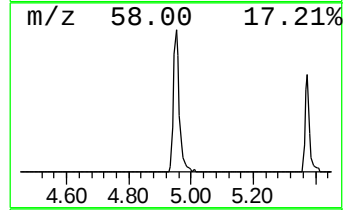
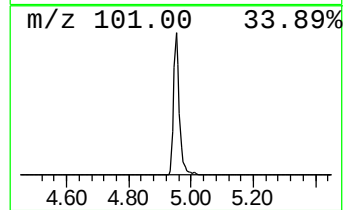
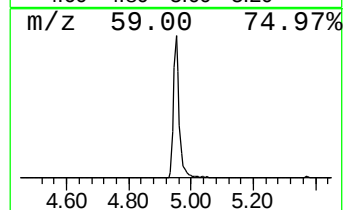
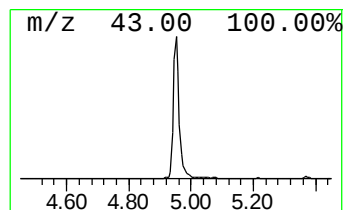
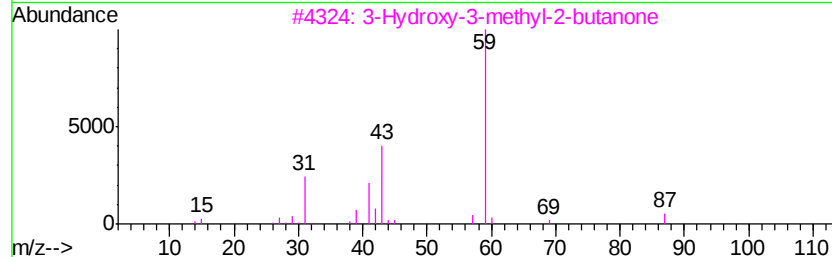
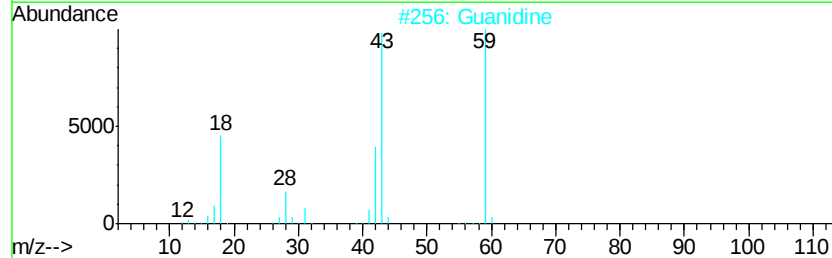
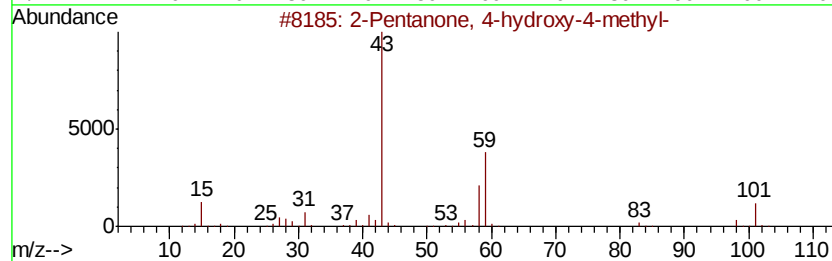
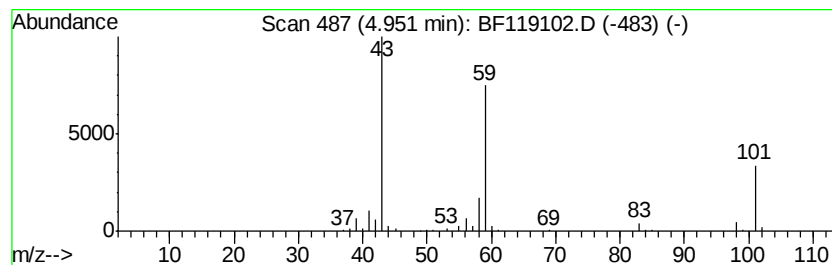
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	8.07 ng	373315	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Guanidine	59	CH5N3	000113-00-8	50
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	37
4			2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	36
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35



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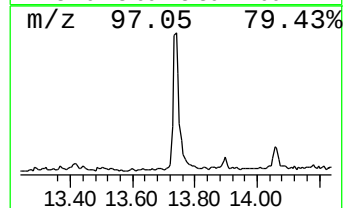
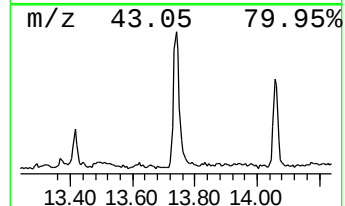
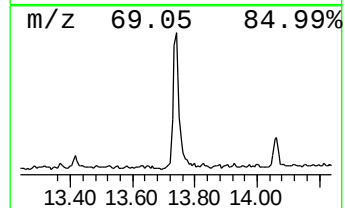
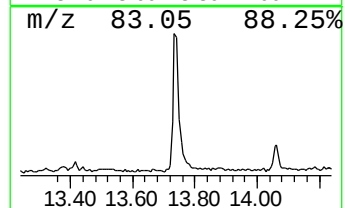
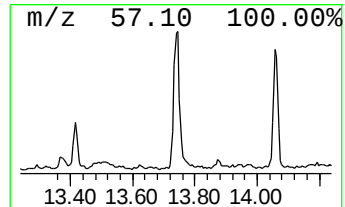
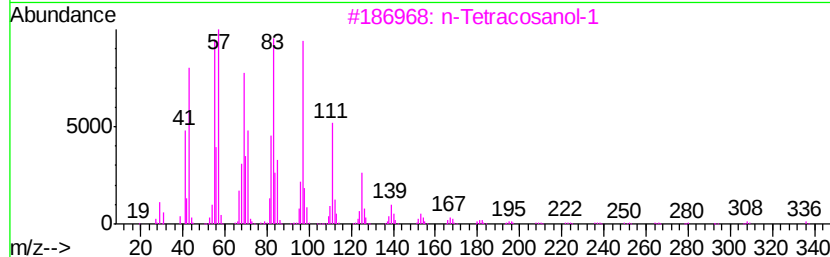
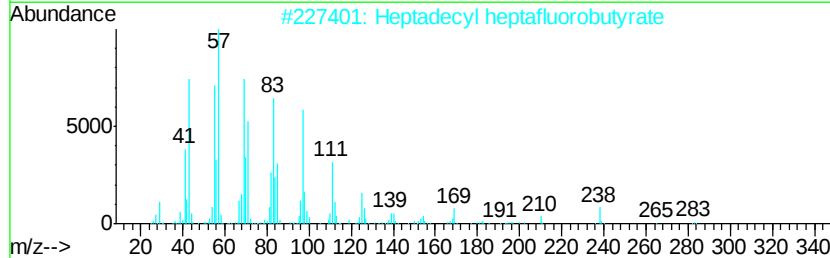
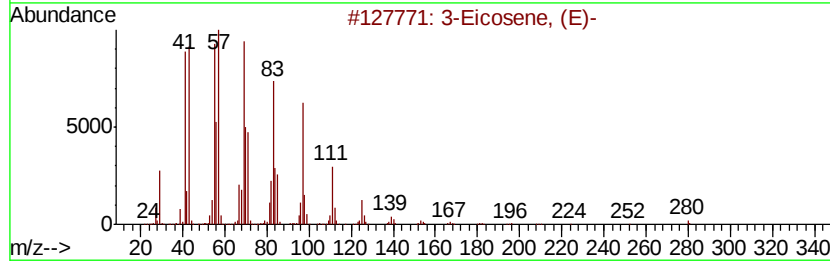
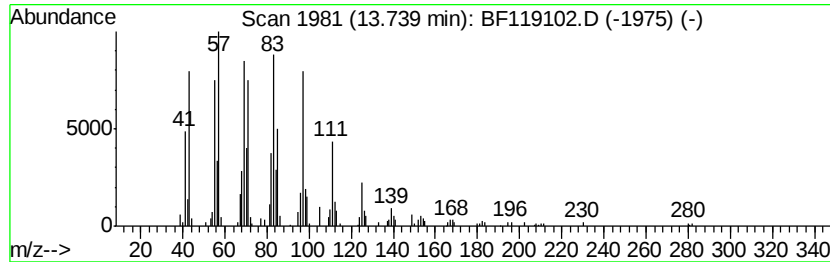
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.74	6.46 ng	425802	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	93



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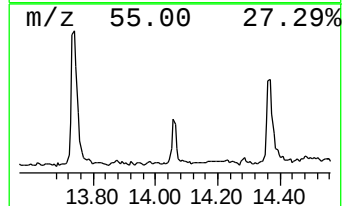
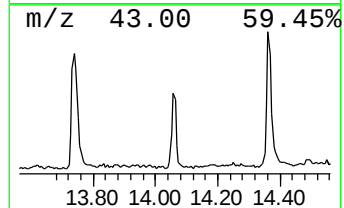
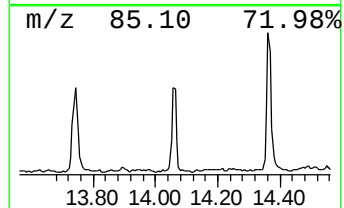
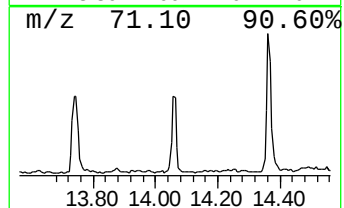
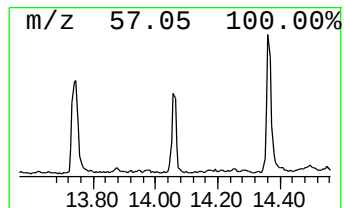
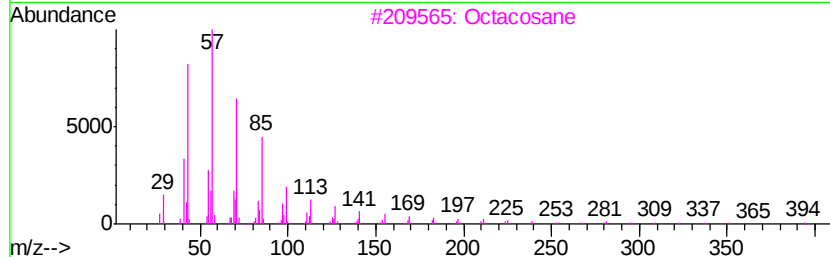
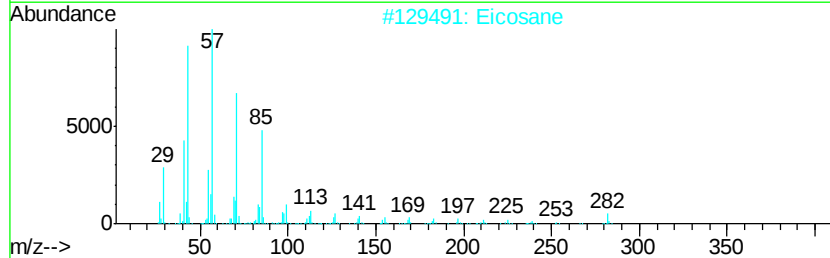
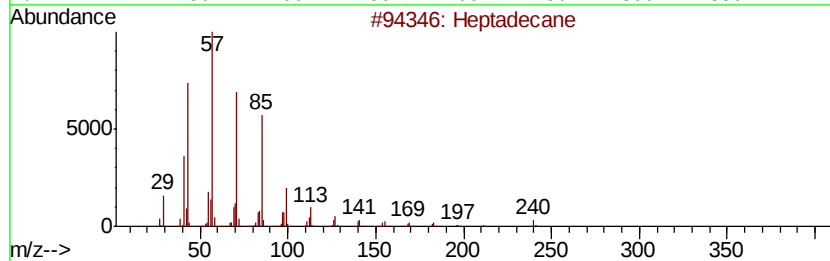
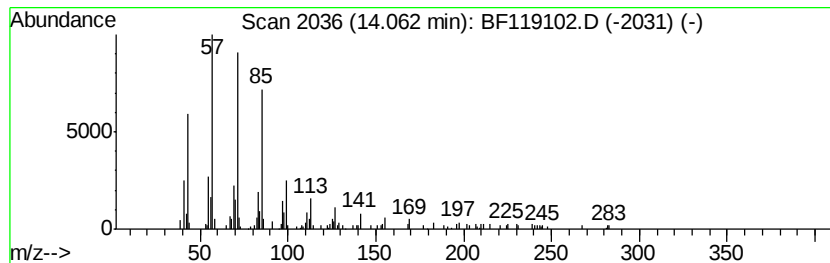
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.38 ng	156720	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	96
2	Eicosane		282	C20H42	000112-95-8	94
3	Octacosane		394	C28H58	000630-02-4	91
4	Hentriacontane		437	C31H64	000630-04-6	91
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91



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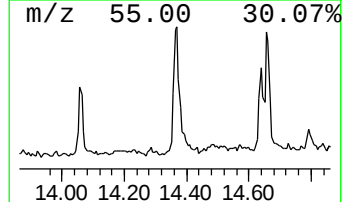
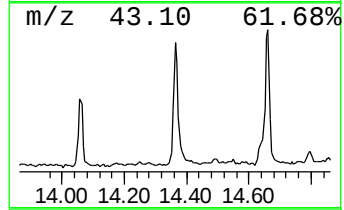
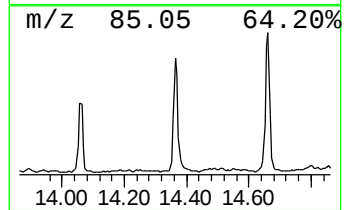
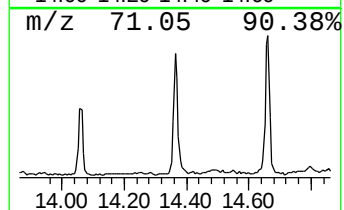
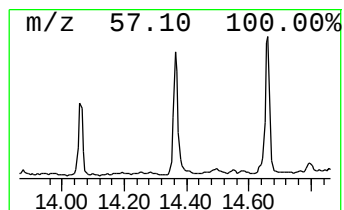
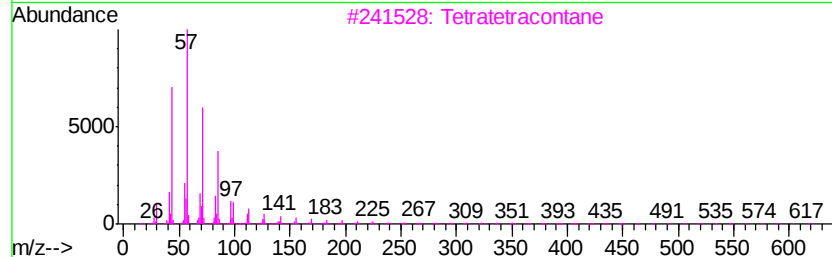
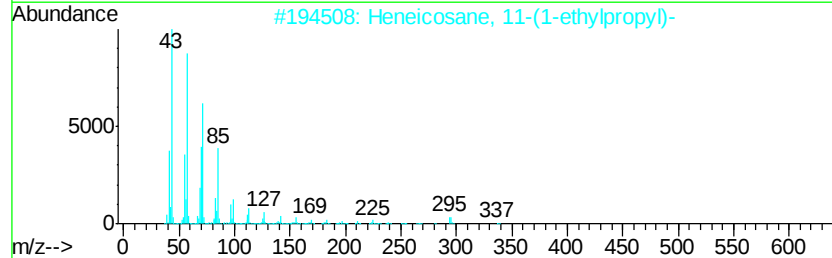
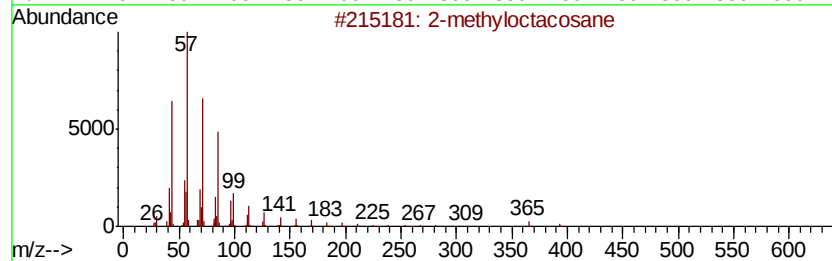
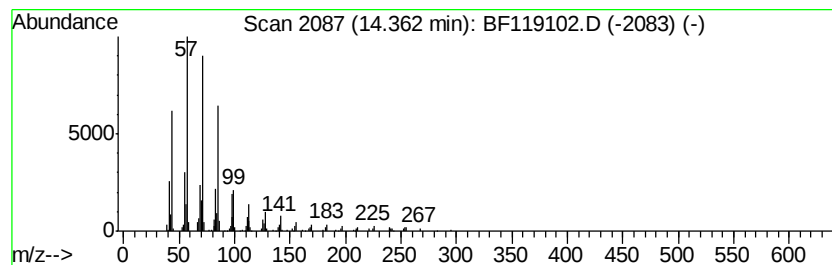
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Peak Number 6 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	4.44 ng	293071	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane		408	C29H60	1000376-72-8	91
2	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
3	Tetratetracontane		619	C44H90	007098-22-8	90
4	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	89
5	Hexatriacontane		507	C36H74	000630-06-8	87



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ClientSampleId :
CONCRETE-WALL

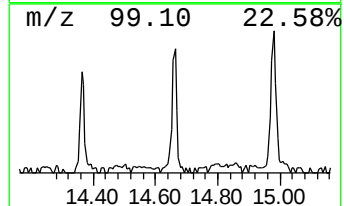
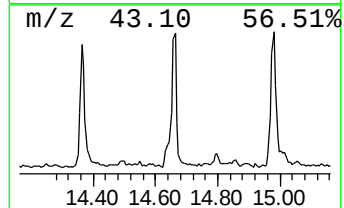
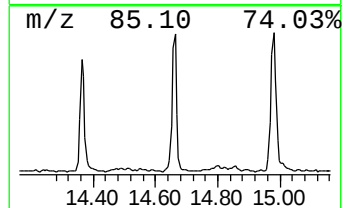
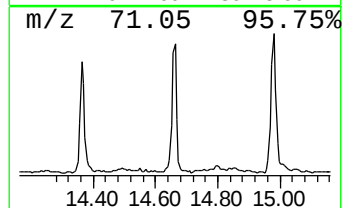
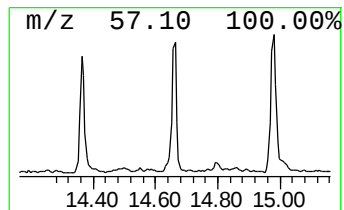
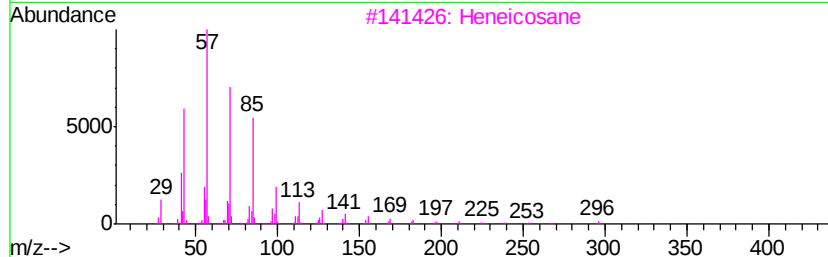
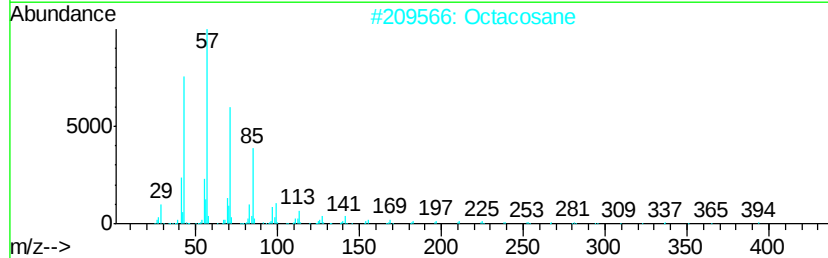
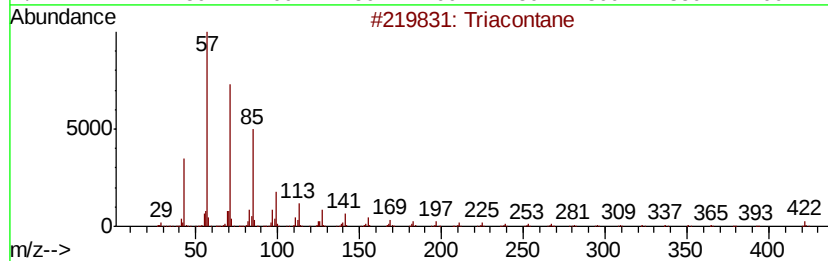
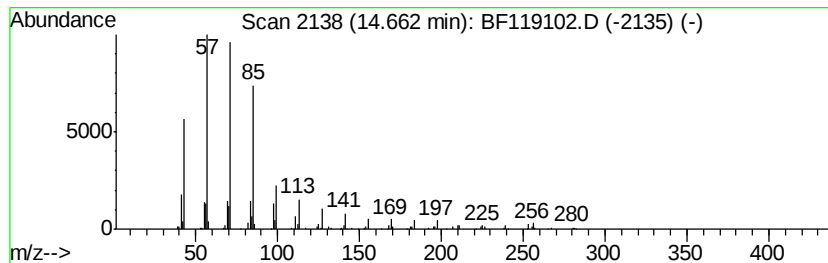
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.04 ng	263385	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5		Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119102.D
Acq On : 27 Feb 2020 10:01
Operator : CG/JU
Sample : L1680-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

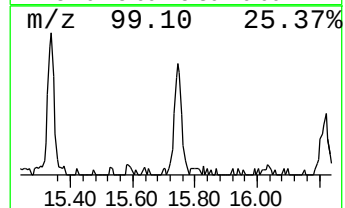
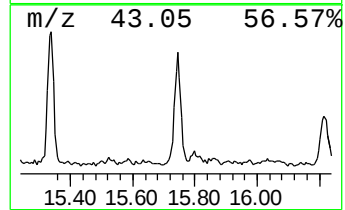
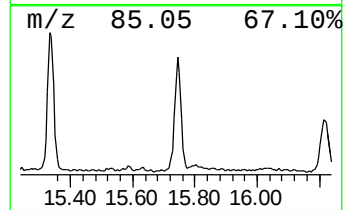
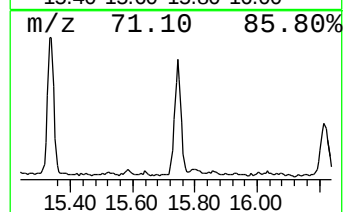
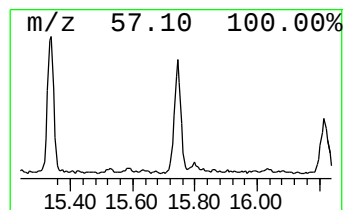
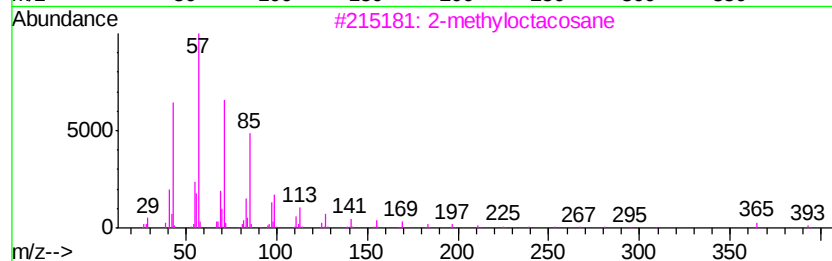
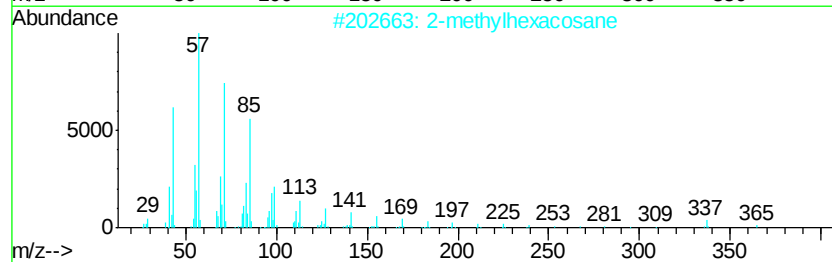
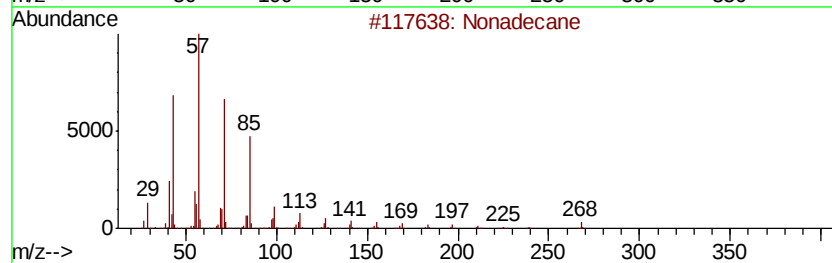
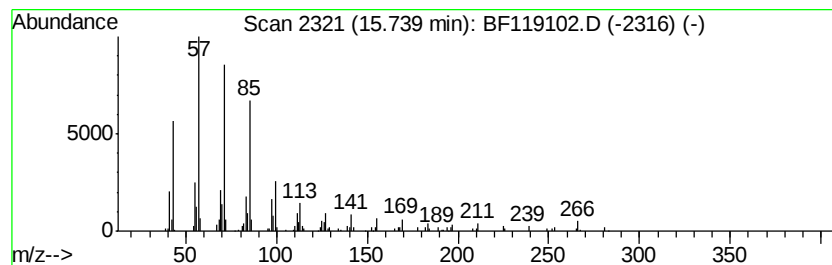
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	3.85 ng	250975	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	2-methylhexacosane		380	C27H56	1000376-72-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Nonadecane, 2,3-dimethyl-		296	C21H44	075163-99-4	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119102.D
Acq On : 27 Feb 2020 10:01
Operator : CG/JU
Sample : L1680-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

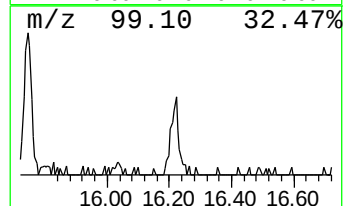
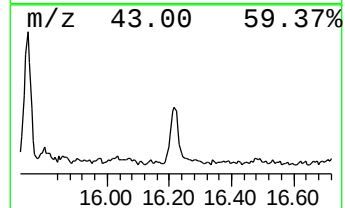
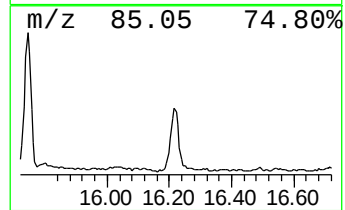
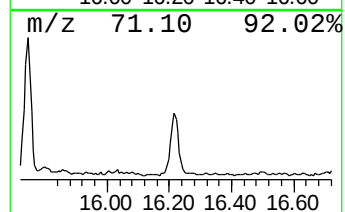
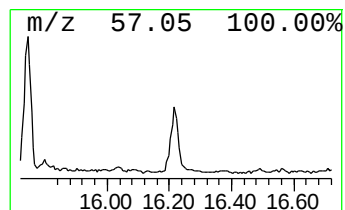
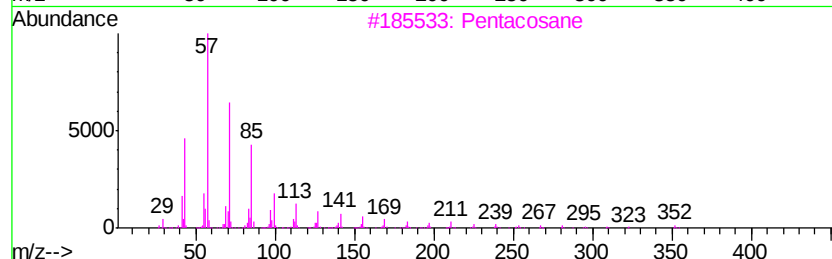
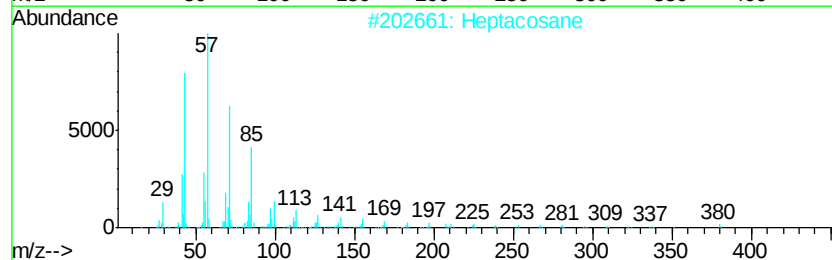
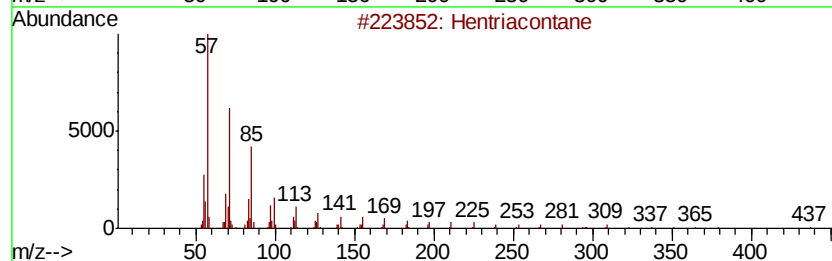
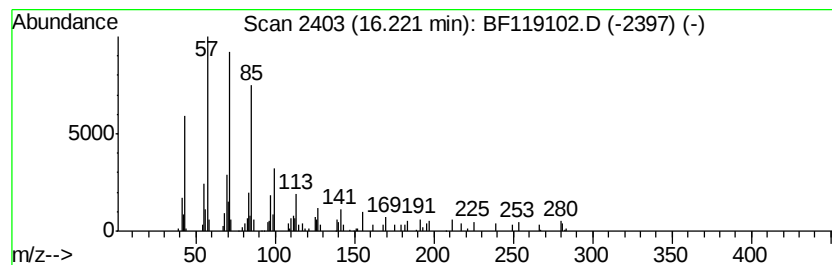
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.04 ng	133251	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022720\
Data File : BF119102.D
Acq On : 27 Feb 2020 10:01
Operator : CG/JU
Sample : L1680-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
3-Hexen-2-one	4.32	3.2	ng	147856	1	6.75	925411	20.0
2-Pentanone, 4-hy...	4.95	8.1	ng	373315	1	6.75	925411	20.0
3-Eicosene, (E)-	13.74	6.5	ng	425802	5	13.90	1318780	20.0
Heptadecane	14.06	2.4	ng	156720	5	13.90	1318780	20.0
2-methyloctacosane	14.36	4.4	ng	293071	5	13.90	1318780	20.0
Triacontane	14.66	4.0	ng	263385	6	15.32	1304700	20.0
Nonadecane	15.74	3.9	ng	250975	6	15.32	1304700	20.0
Hentriacontane	16.22	2.0	ng	133251	6	15.32	1304700	20.0