

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118973.D
 Acq On : 20 Feb 2020 22:12
 Operator : CG/JU
 Sample : L1546-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INDIAN-ISLAND-(12)

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	2.140	5	9	17	rVB	55038	79834	1.59%	0.201%
2	4.981	488	492	503	rVB	208707	303383	6.06%	0.764%
3	5.387	557	561	578	rBV	3848306	4187677	83.59%	10.544%
4	6.404	729	734	737	rBV	3772563	4171840	83.27%	10.504%
5	6.757	790	794	798	rBV	1386596	1158024	23.11%	2.916%
6	6.916	817	821	824	rBV	4006943	3614786	72.15%	9.102%
7	7.322	885	890	893	rBV	2855990	2841615	56.72%	7.155%
8	8.039	1007	1012	1015	rBV	1729143	1502843	30.00%	3.784%
9	9.116	1189	1195	1198	rBV	5459629	5009973	100.00%	12.615%
10	9.504	1258	1261	1265	rBV	241980	205867	4.11%	0.518%
11	9.710	1288	1296	1304	rBV4	29269	73922	1.48%	0.186%
12	9.792	1305	1310	1313	rBV	1896194	1784434	35.62%	4.493%
13	10.580	1438	1444	1447	rBV	3563734	3459501	69.05%	8.711%
14	11.269	1557	1561	1564	rBV	1751587	1699590	33.92%	4.279%
15	11.292	1564	1565	1569	rVB	138658	95838	1.91%	0.241%
16	11.804	1648	1652	1662	rVB2	408312	426285	8.51%	1.073%
17	12.057	1690	1695	1699	rBV4	40053	52255	1.04%	0.132%
18	12.480	1763	1767	1770	rBV	204889	182627	3.65%	0.460%
19	12.586	1781	1785	1789	rBV2	105757	122938	2.45%	0.310%
20	12.710	1798	1806	1809	rBV	161388	175110	3.50%	0.441%
21	12.857	1826	1831	1834	rBV	4327182	4200575	83.84%	10.577%
22	13.751	1979	1983	1990	rVB3	242849	319073	6.37%	0.803%
23	13.904	2004	2009	2012	rBV	1527918	1433172	28.61%	3.609%
24	13.927	2012	2013	2017	rVB	87800	63817	1.27%	0.161%
25	14.074	2035	2038	2041	rBV	84420	70113	1.40%	0.177%
26	14.380	2086	2090	2094	rBV	123750	155138	3.10%	0.391%
27	14.674	2136	2140	2143	rBV	173315	167594	3.35%	0.422%
28	14.927	2179	2183	2186	rBV	84071	119866	2.39%	0.302%
29	14.992	2191	2194	2198	rBV	160644	179356	3.58%	0.452%
30	15.209	2229	2231	2238	rVB	55293	63848	1.27%	0.161%
31	15.274	2238	2242	2246	rVV	57694	77137	1.54%	0.194%
32	15.333	2247	2252	2264	rVB	1025844	1513544	30.21%	3.811%
33	15.768	2321	2326	2330	rBV	90002	129457	2.58%	0.326%
34	16.239	2403	2406	2411	rVB3	44877	74883	1.49%	0.189%

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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

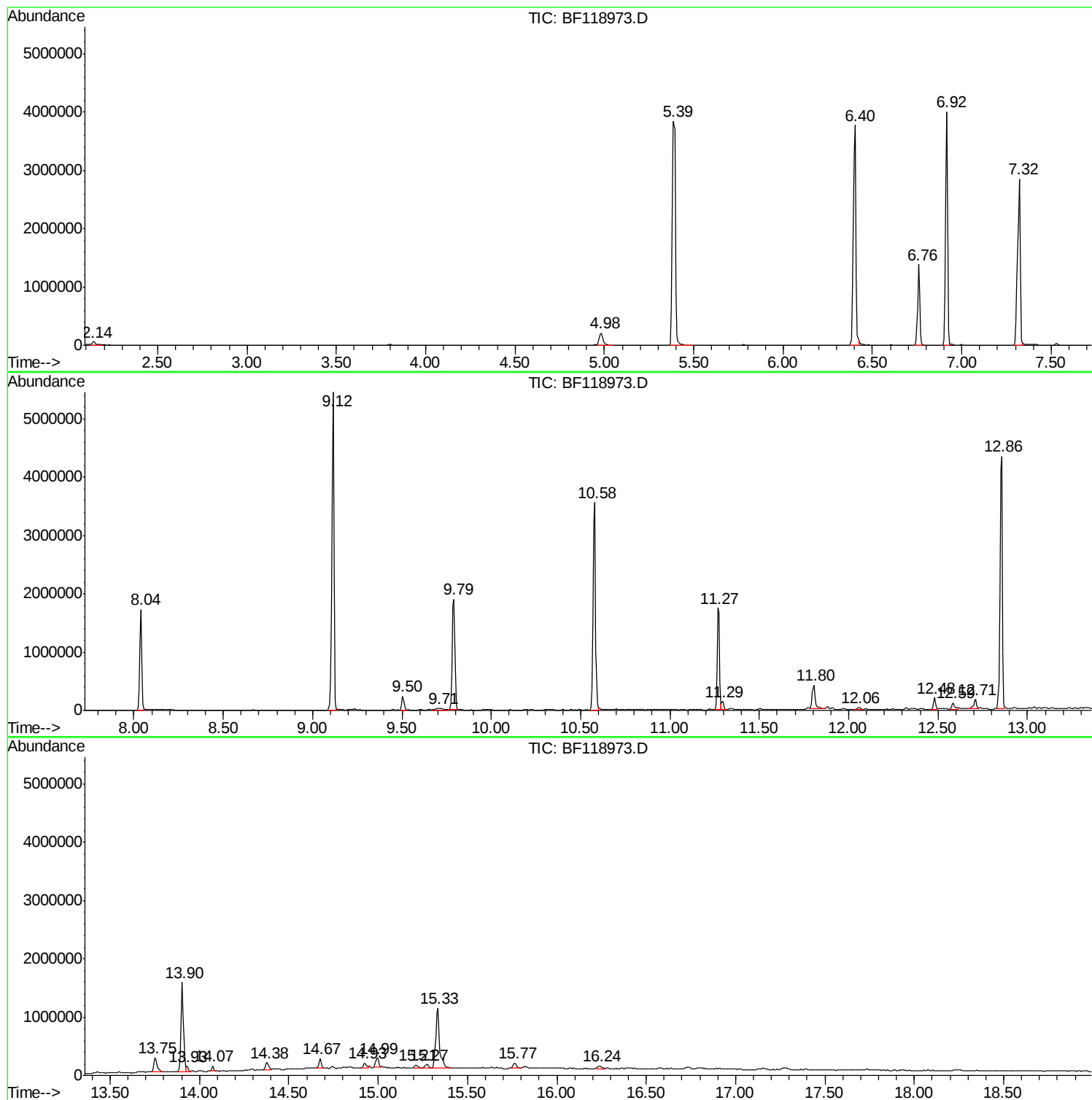
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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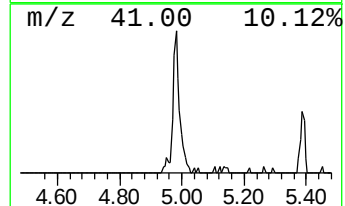
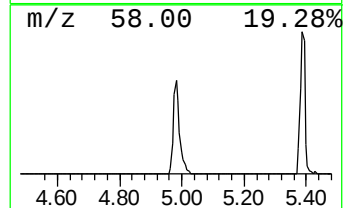
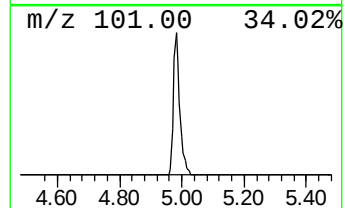
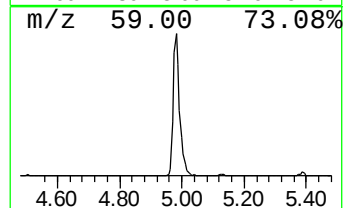
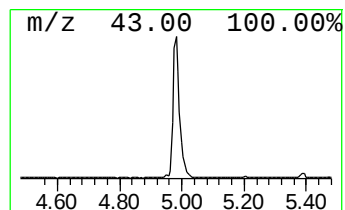
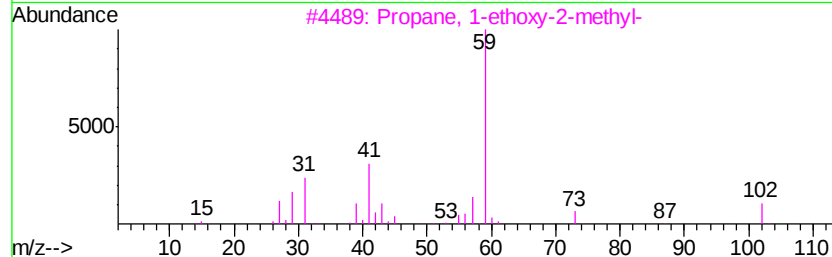
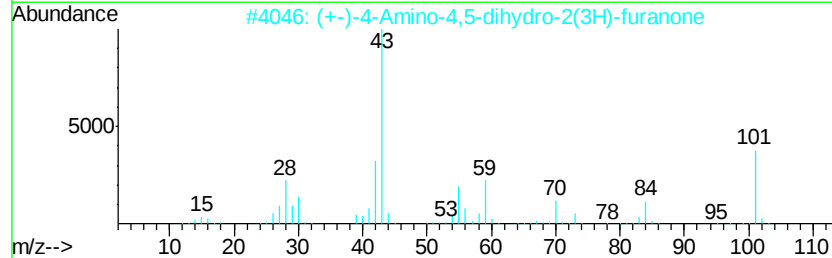
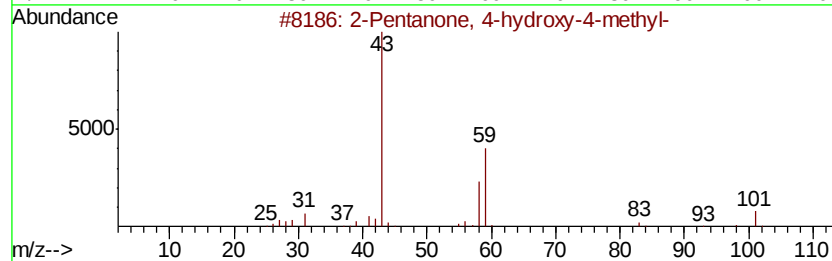
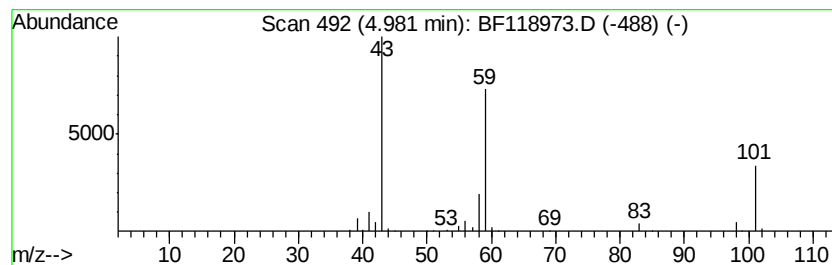
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	5.24 ng	303383	1,4-Dichlorobenzene-d4	6.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	43
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	30
4			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	12
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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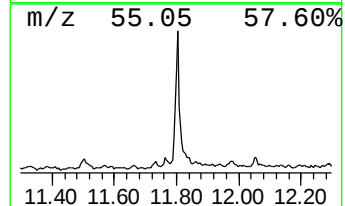
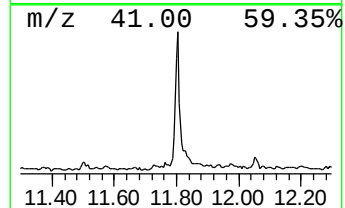
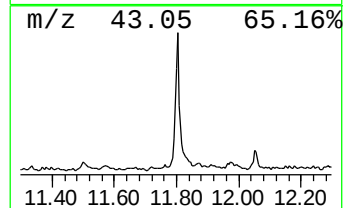
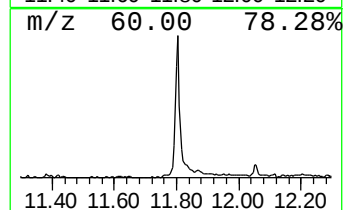
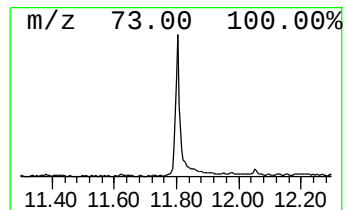
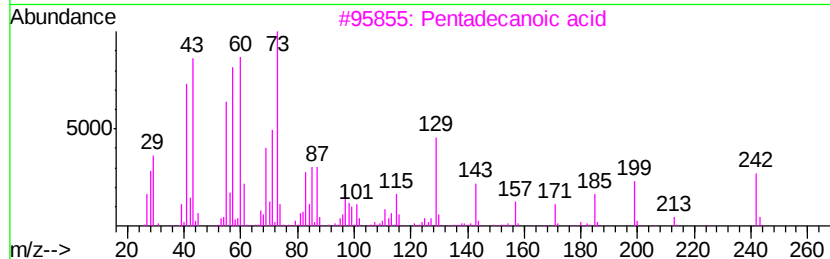
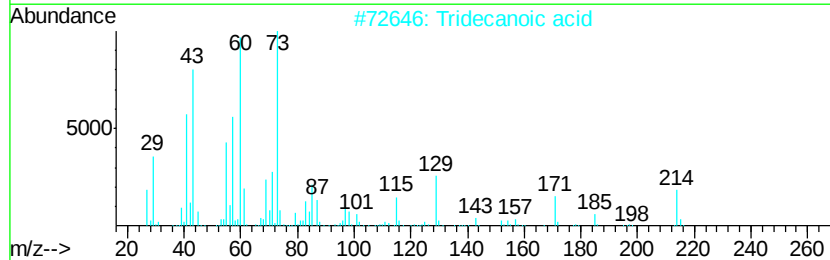
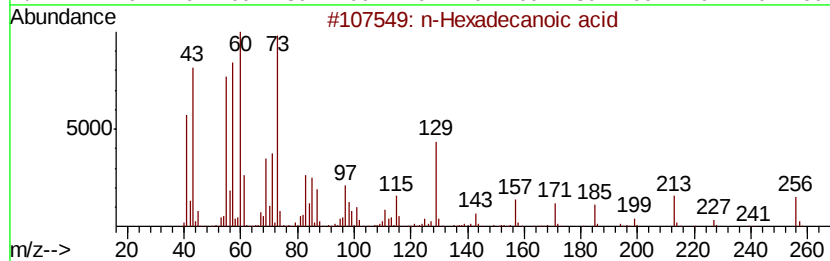
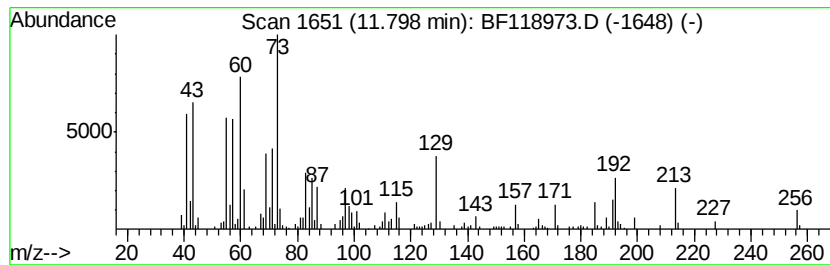
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	5.02 ng	426285	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46



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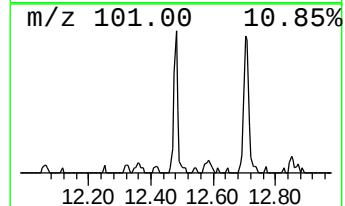
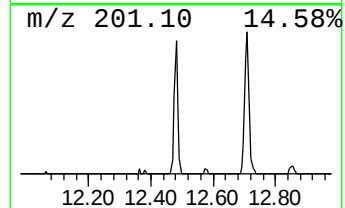
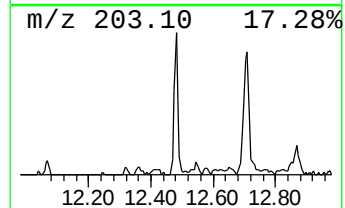
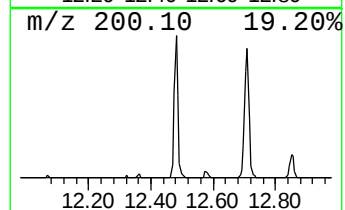
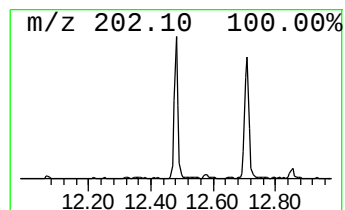
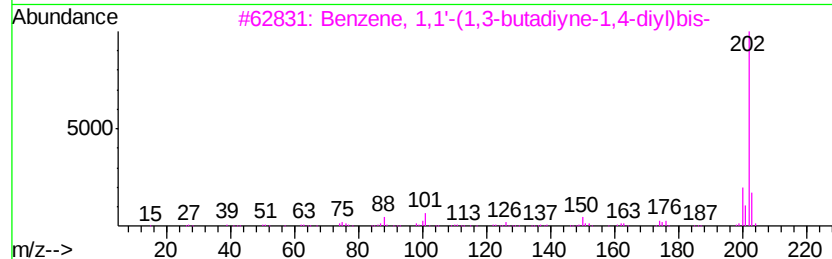
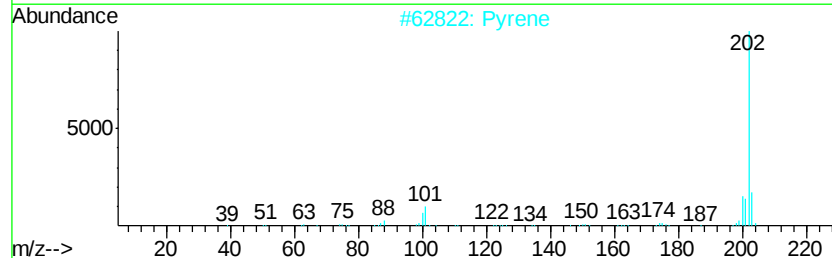
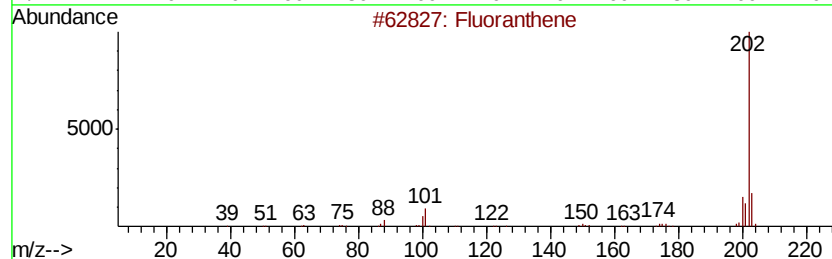
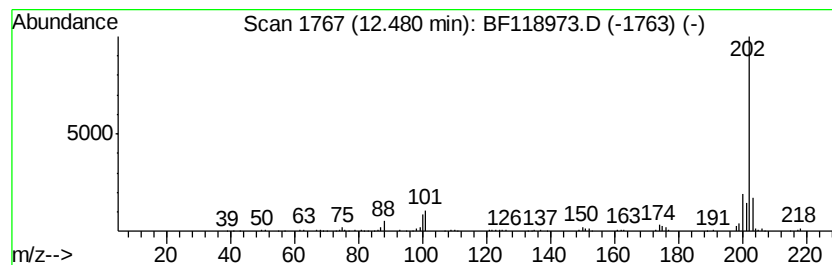
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.15 ng	182627	Phenanthrene-d10	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene	202	C16H10	000206-44-0	96
2		Pyrene	202	C16H10	000129-00-0	95
3		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	74
4		Succinic acid, di(4-cyanophenyl)...	320	C18H12N2O4	1000360-71-2	38
5		Succinic acid, 4-cyanophenyl 2,3...	363	C17H11ClN2O4	1000360-70-9	38



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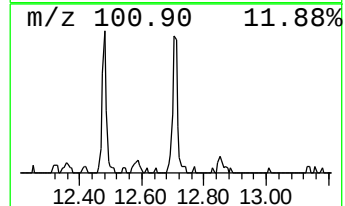
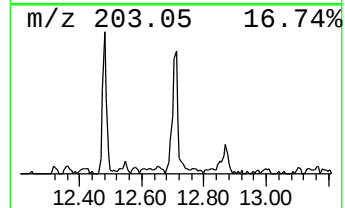
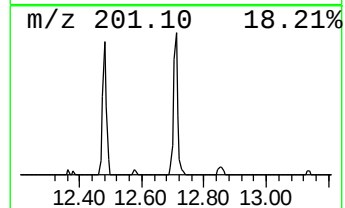
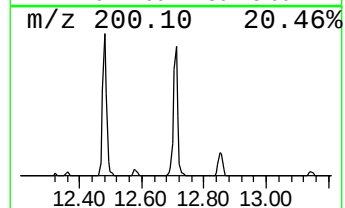
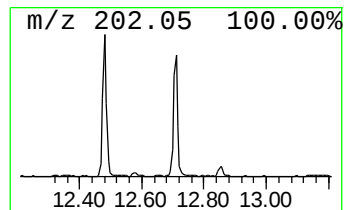
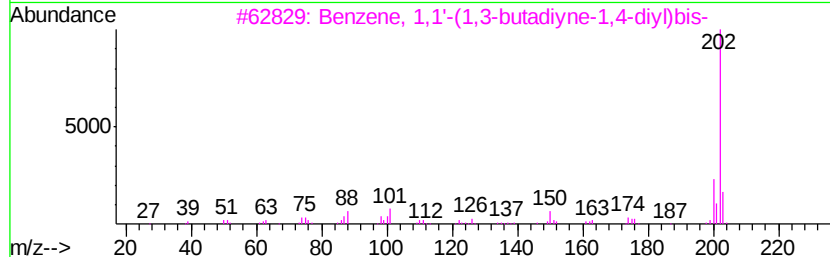
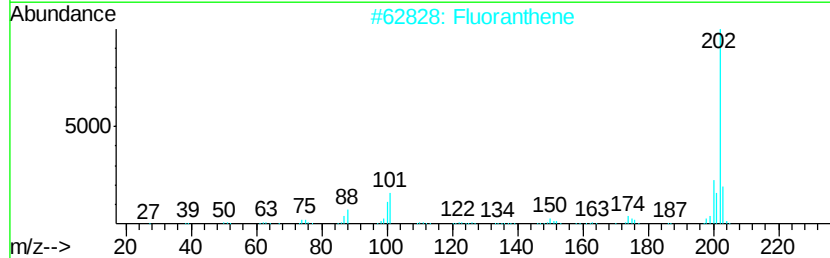
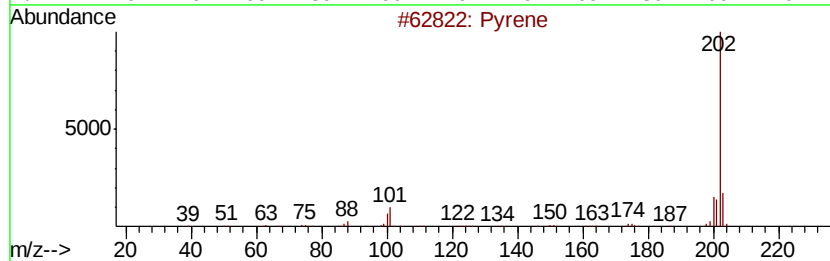
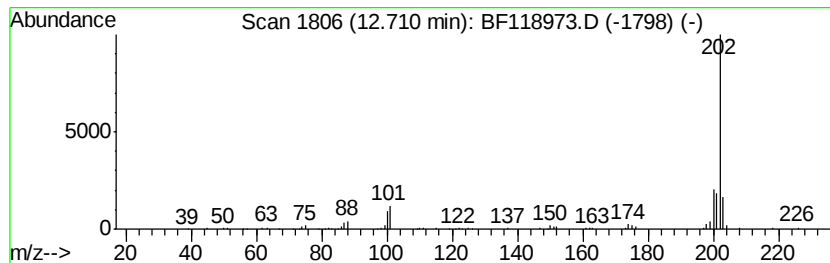
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown12.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.44 ng	175110	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene	202	C16H10	000129-00-0	96
2		Fluoranthene	202	C16H10	000206-44-0	91
3		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	45
4		4-Methoxy-naphthalene-1-carboxyl...	202	C12H10O3	1000317-85-4	38
5		Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	37



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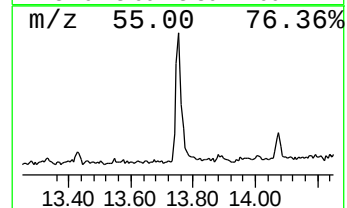
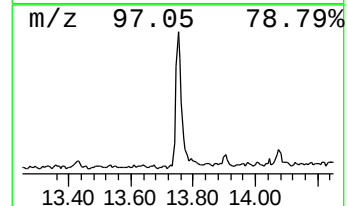
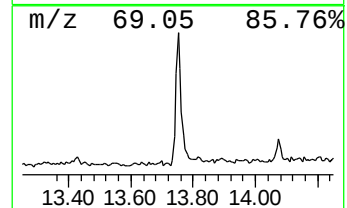
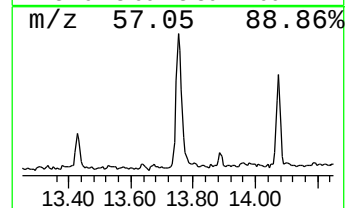
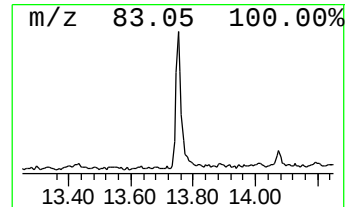
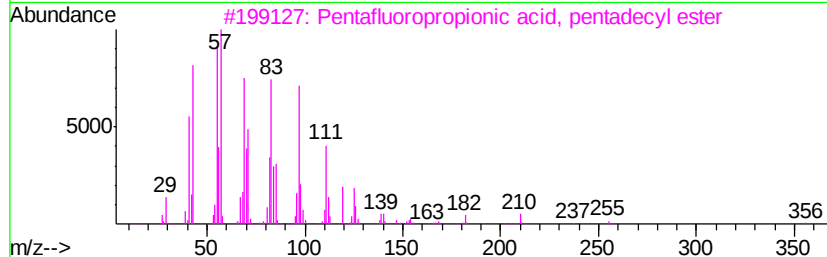
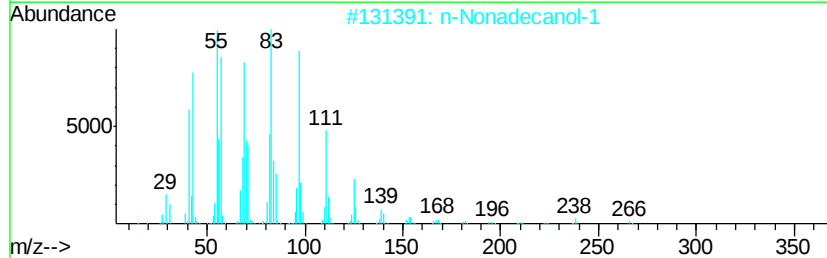
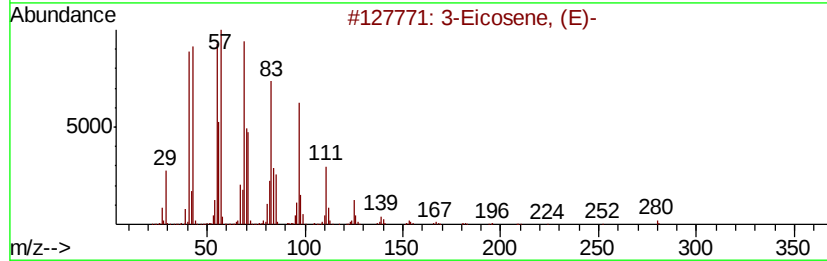
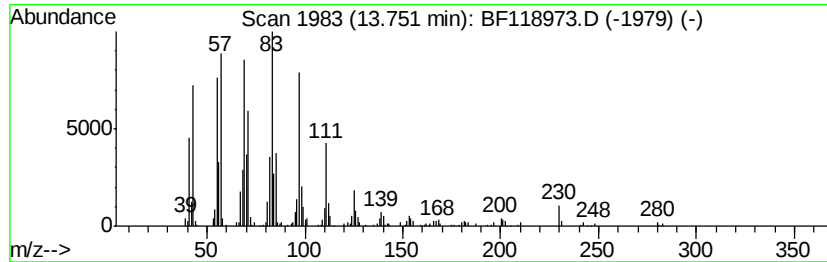
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Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.45 ng	319073	Chrysene-d12	13.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



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Data File : BF118973.D
Acq On : 20 Feb 2020 22:12
Operator : CG/JU
Sample : L1546-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(12)

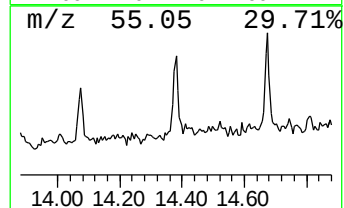
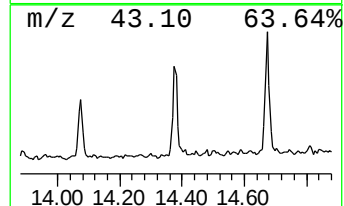
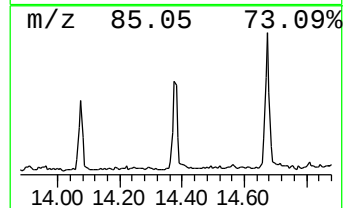
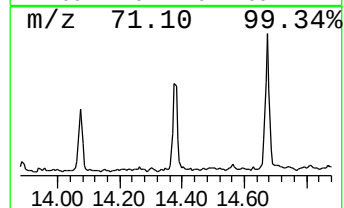
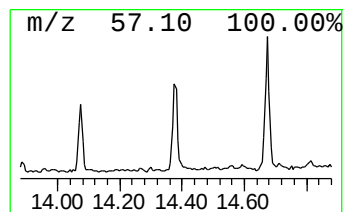
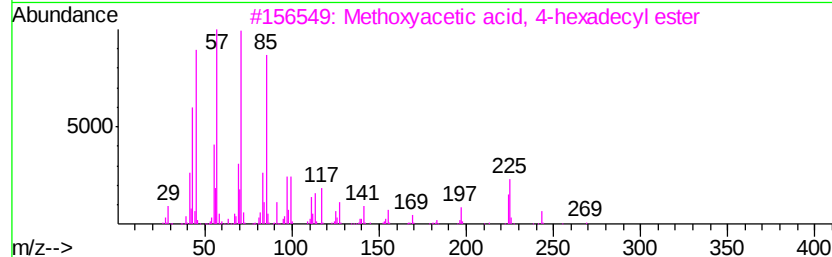
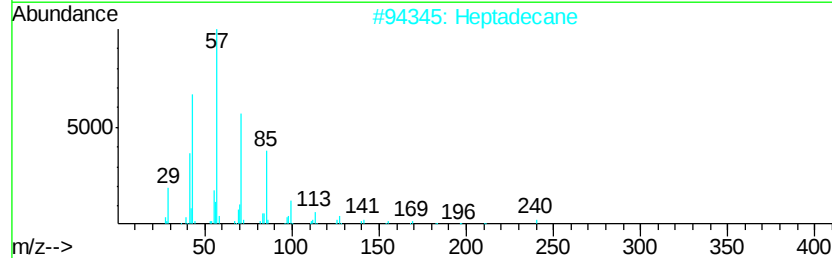
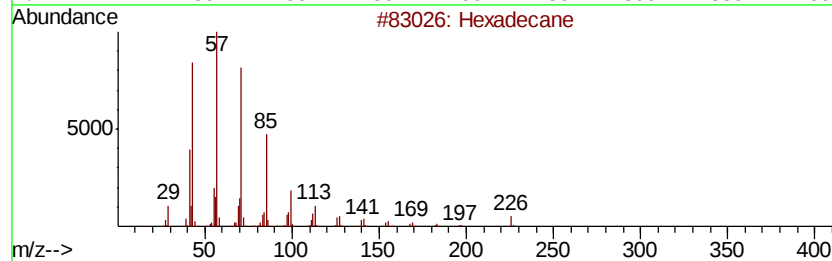
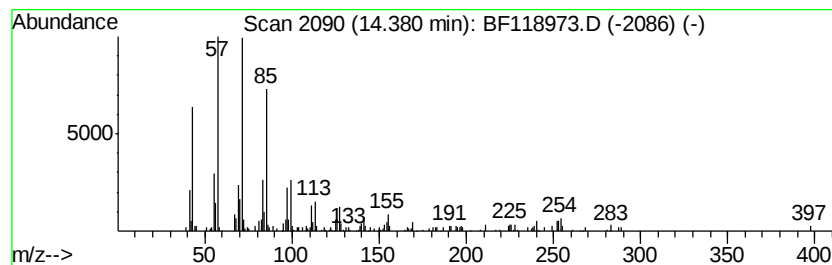
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	2.16 ng	155138	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Methoxvacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118973.D
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Operator : CG/JU
Sample : L1546-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(12)

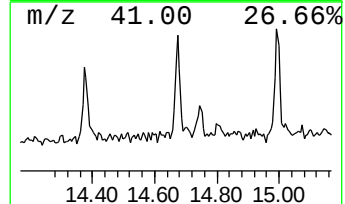
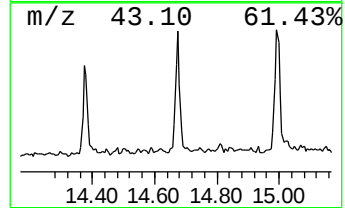
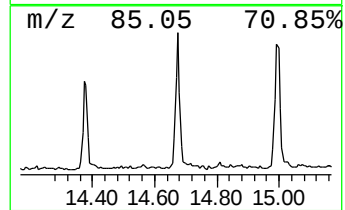
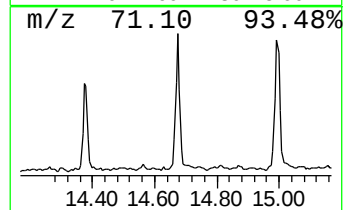
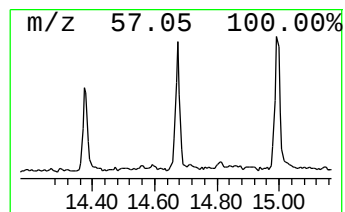
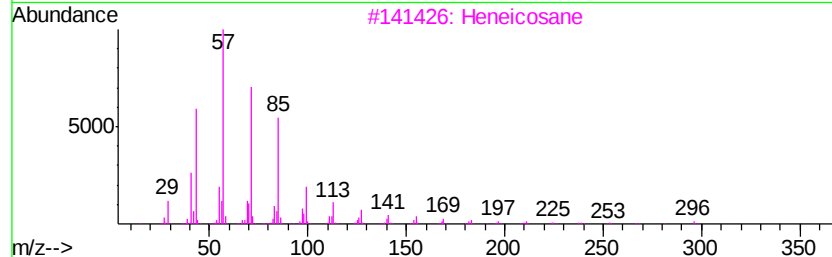
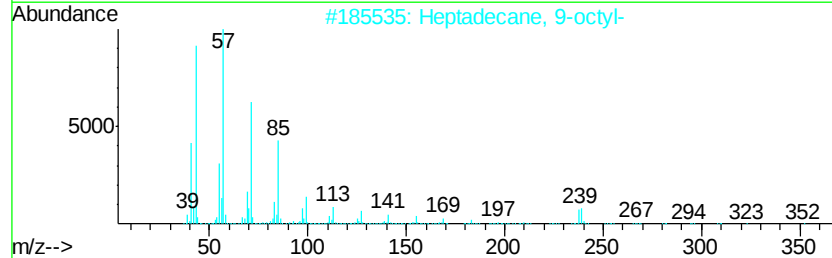
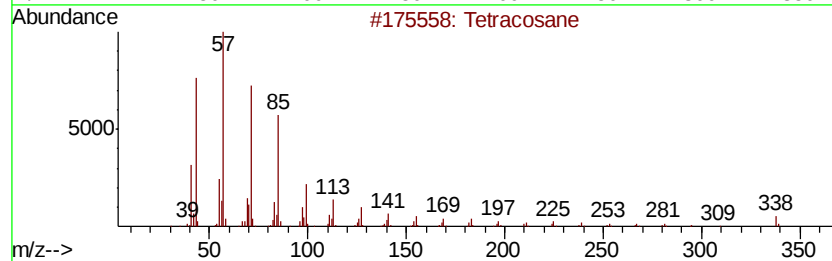
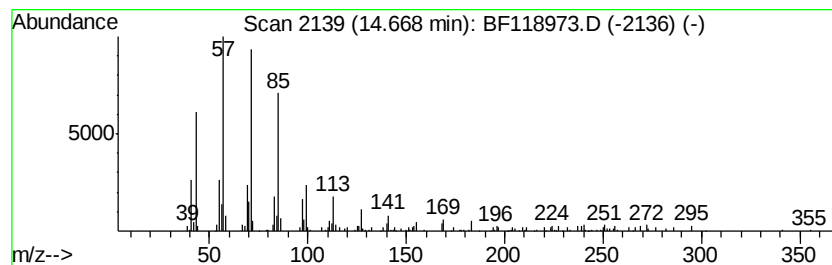
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.21 ng	167594	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane	310	C22H46	000629-97-0	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118973.D
Acq On : 20 Feb 2020 22:12
Operator : CG/JU
Sample : L1546-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

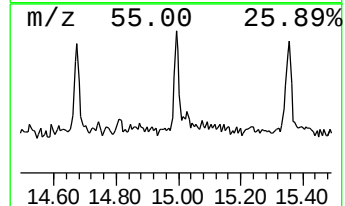
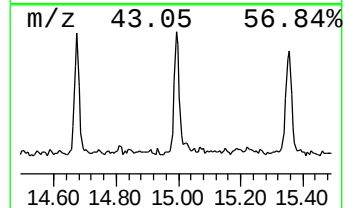
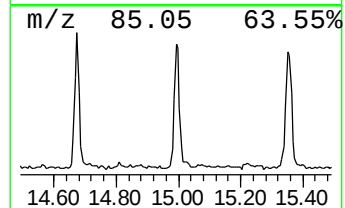
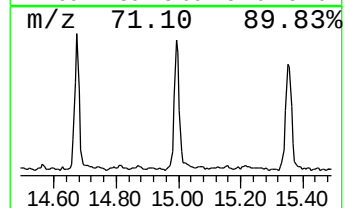
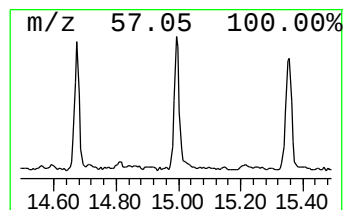
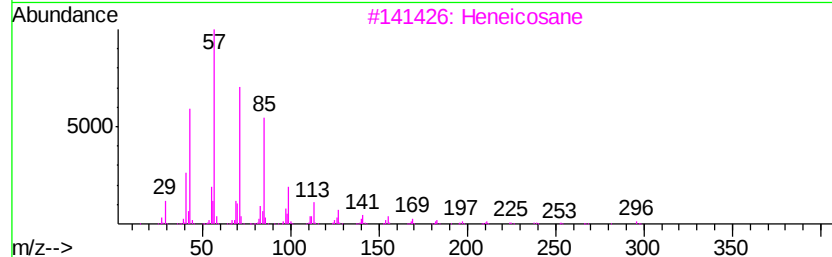
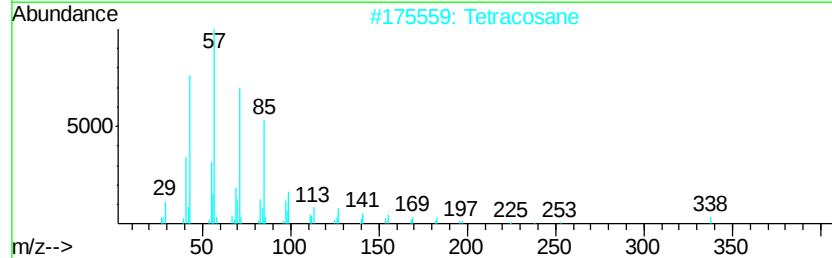
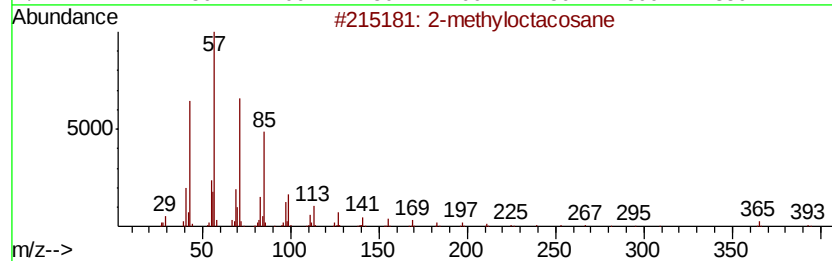
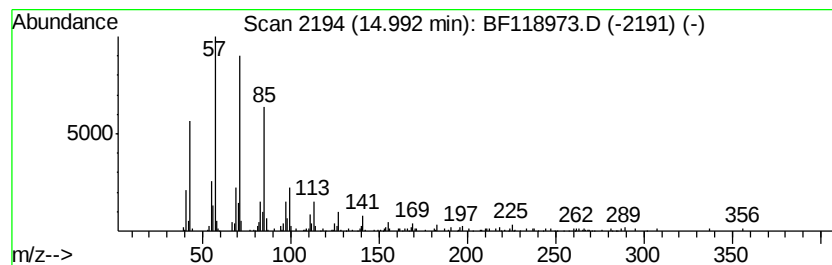
Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(12)

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 9 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.37 ng	179356	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methyloctacosane	408 C29H60	1000376-72-8	91
2	Tetracosane	338 C24H50	000646-31-1	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Triacontane	422 C30H62	000638-68-6	91
5	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
Data File : BF118973.D
Acq On : 20 Feb 2020 22:12
Operator : CG/JU
Sample : L1546-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INDIAN-ISLAND-(12)

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
2-Pentanone, 4-hy...	4.98	5.2	ng	303383	1	6.76	1158020	20.0
n-Hexadecanoic acid	11.80	5.0	ng	426285	4	11.27	1699590	20.0
Benzene, 1,1'-(1,...	12.48	2.1	ng	182627	4	11.27	1699590	20.0
unknown12.71	12.71	2.4	ng	175110	5	13.90	1433170	20.0
3-Eicosene, (E)-	13.75	4.5	ng	319073	5	13.90	1433170	20.0
Hexadecane	14.38	2.2	ng	155138	5	13.90	1433170	20.0
Tetracosane	14.67	2.2	ng	167594	6	15.33	1513540	20.0
2-methyloctacosane	14.99	2.4	ng	179356	6	15.33	1513540	20.0