

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117558.D
 Acq On : 28 Oct 2019 13:50
 Operator : JU
 Sample : K5502-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 179-18-(0-2.1)

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-BF101819.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	5.351	552	555	583	rBV	742257	885151	88.32%	9.849%
2	5.557	587	590	596	rVV	11799	13353	1.33%	0.149%
3	6.381	726	730	747	rBV	896247	983591	98.14%	10.944%
4	6.504	747	751	758	rVV	1048058	1002223	100.00%	11.151%
5	6.563	758	761	765	rVV	32494	35296	3.52%	0.393%
6	6.604	765	768	774	rVB	10656	13092	1.31%	0.146%
7	6.728	785	789	798	rBV	232793	225551	22.51%	2.510%
8	6.881	811	815	828	rBV	797883	706498	70.49%	7.861%
9	6.992	830	834	845	rVB2	11891	18070	1.80%	0.201%
10	7.292	881	885	900	rBV	549061	588795	58.75%	6.551%
11	7.586	933	935	945	rVB	14366	16071	1.60%	0.179%
12	7.810	969	973	981	rVB	13376	16035	1.60%	0.178%
13	8.010	1003	1007	1024	rBV	280123	297906	29.72%	3.315%
14	8.228	1041	1044	1048	rBV	16096	12883	1.29%	0.143%
15	8.286	1051	1054	1059	rBV	14469	15594	1.56%	0.174%
16	9.080	1185	1189	1201	rBV	1079123	928952	92.69%	10.336%
17	9.216	1209	1212	1219	rBV2	8358	15210	1.52%	0.169%
18	9.480	1253	1257	1262	rBV	154246	149310	14.90%	1.661%
19	9.757	1301	1304	1310	rBV	380842	338698	33.79%	3.769%
20	10.551	1436	1439	1453	rVB	581042	596602	59.53%	6.638%
21	11.245	1554	1557	1566	rBV	310301	329653	32.89%	3.668%
22	11.704	1632	1635	1639	rBV2	18686	27285	2.72%	0.304%
23	11.774	1644	1647	1655	rVB	71347	73271	7.31%	0.815%
24	12.469	1762	1765	1769	rBV	14406	17602	1.76%	0.196%
25	12.557	1775	1780	1786	rBV5	12820	21943	2.19%	0.244%
26	12.698	1801	1804	1807	rBV	13318	15541	1.55%	0.173%
27	12.827	1822	1826	1833	rVB	893708	747745	74.61%	8.320%
28	13.727	1974	1979	1991	rBV	106283	169955	16.96%	1.891%
29	13.892	2003	2007	2015	rBV	241153	234887	23.44%	2.613%
30	14.039	2028	2032	2037	rBV4	14830	19059	1.90%	0.212%
31	14.345	2081	2084	2086	rBV	21713	19610	1.96%	0.218%
32	14.639	2130	2134	2138	rBV	29972	32056	3.20%	0.357%
33	14.710	2144	2146	2149	rVB	11358	10296	1.03%	0.115%
34	14.957	2185	2188	2192	rVB2	37259	39955	3.99%	0.445%

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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	15.327	2245	2251	2261	rVB	165597	253997	25.34%	2.826%
36	15.715	2312	2317	2321	rBV3	22937	32605	3.25%	0.363%
37	15.792	2324	2330	2342	rVB9	14825	44958	4.49%	0.500%
38	16.180	2393	2396	2400	rBV5	11011	18361	1.83%	0.204%
39	16.215	2400	2402	2410	rVB6	10510	19906	1.99%	0.221%

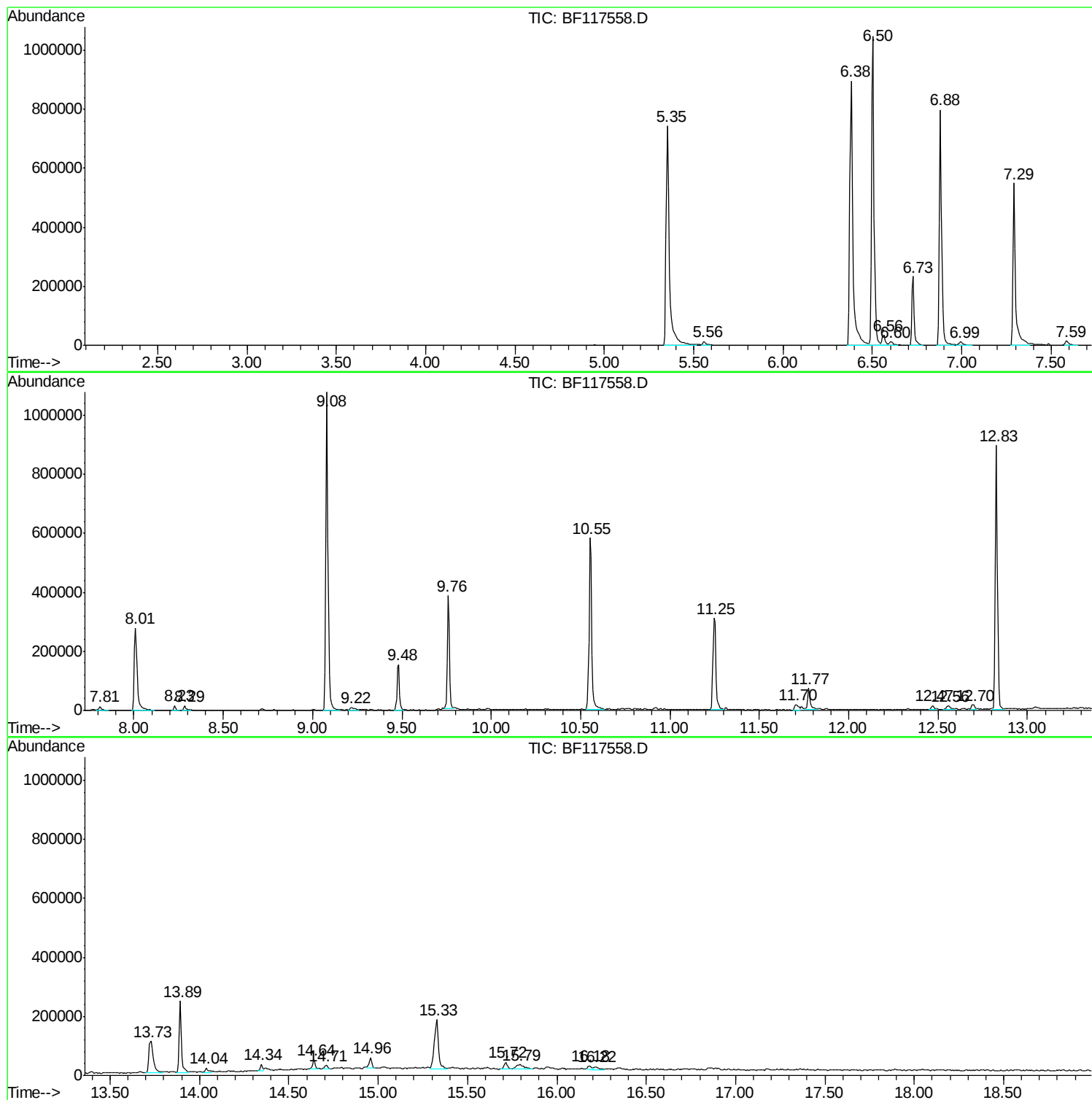
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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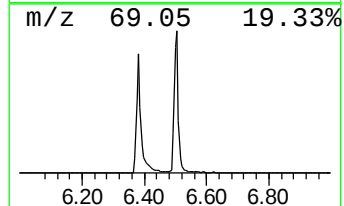
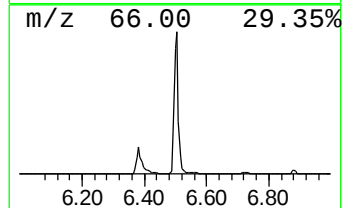
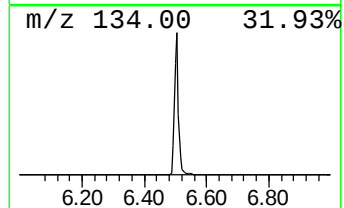
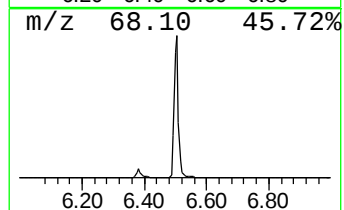
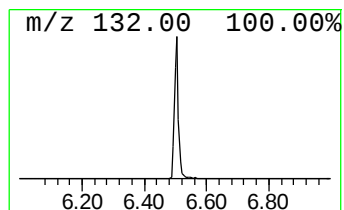
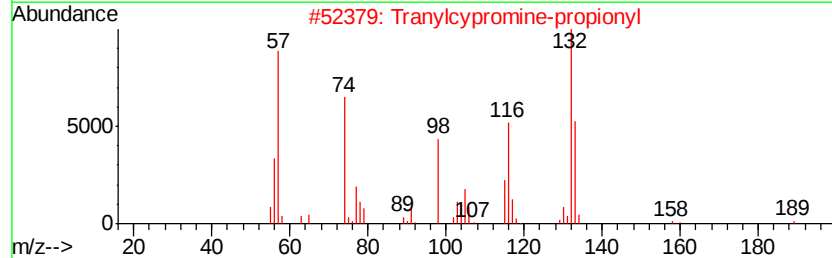
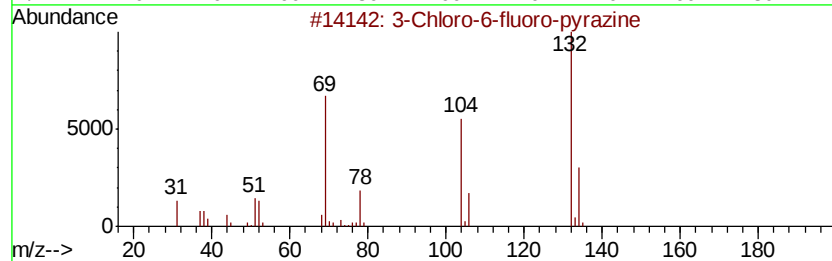
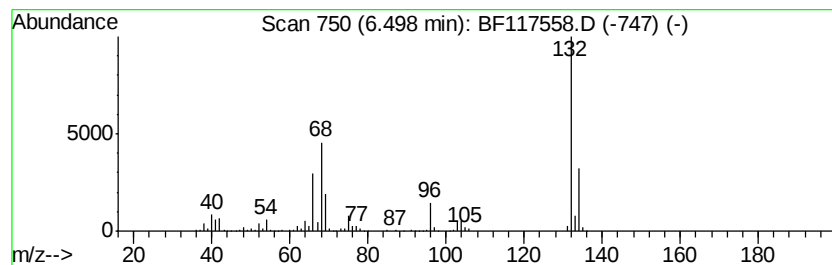
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	88.87 ng	1002220	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12	
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	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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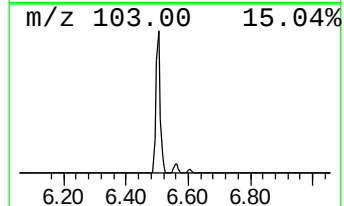
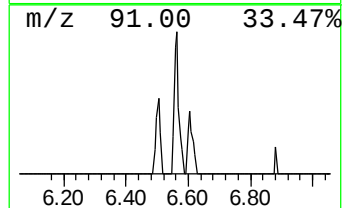
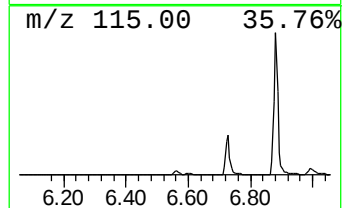
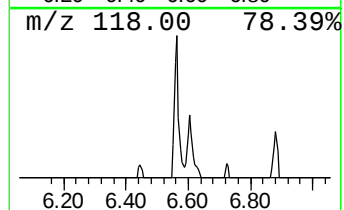
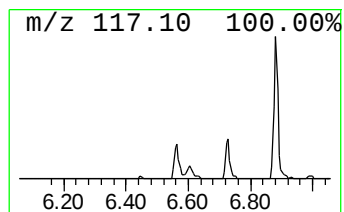
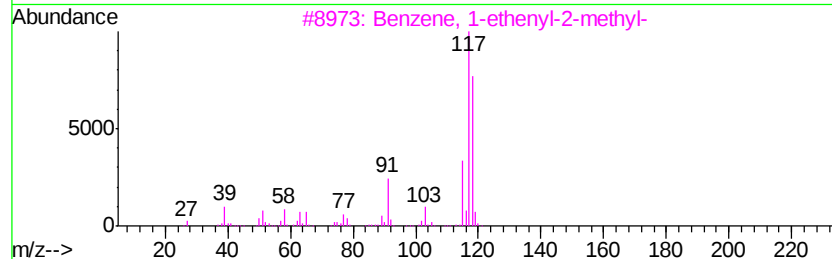
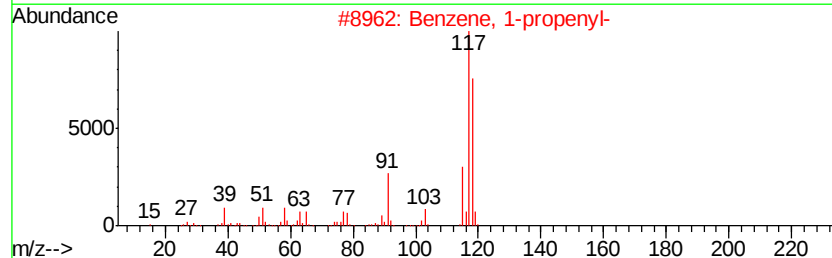
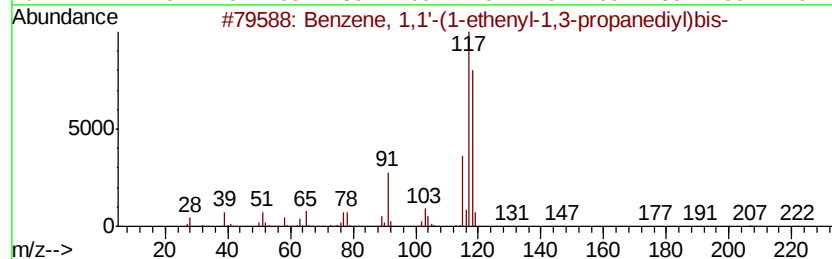
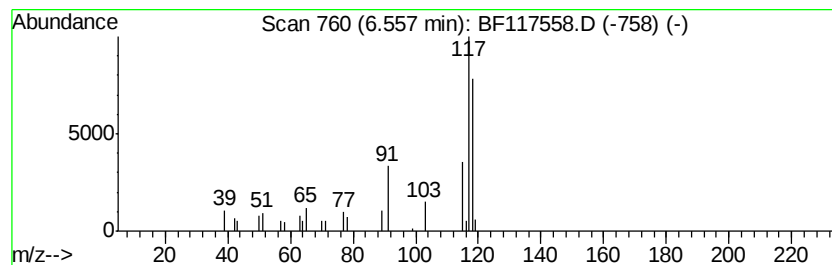
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	3.13 ng	35296	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	81



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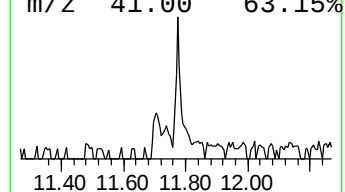
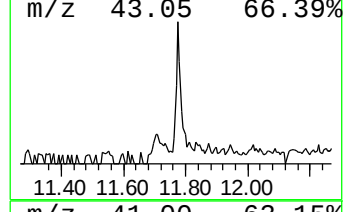
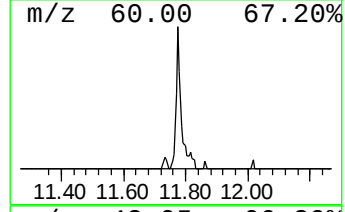
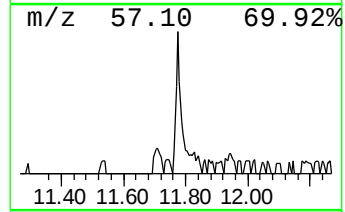
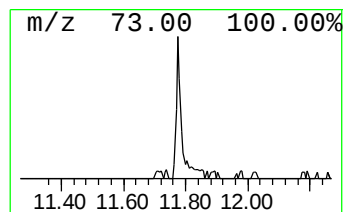
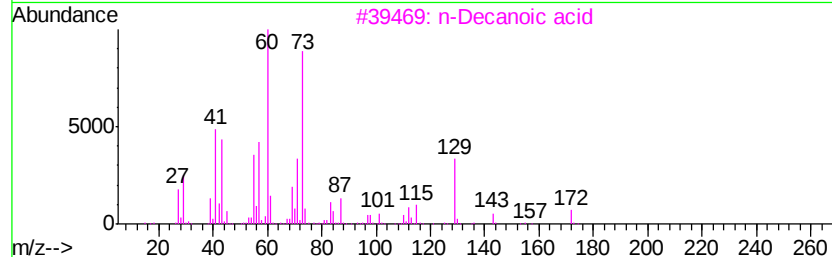
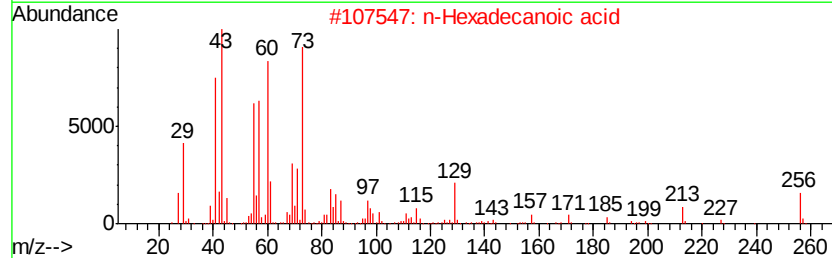
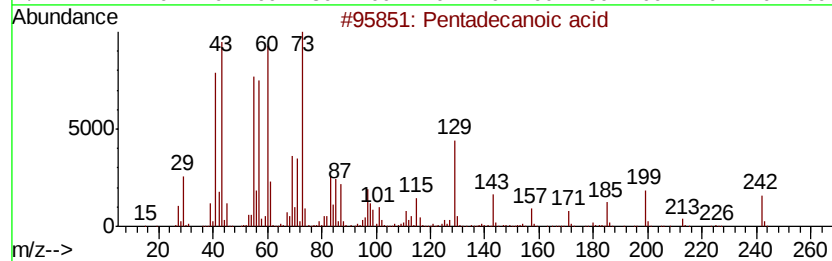
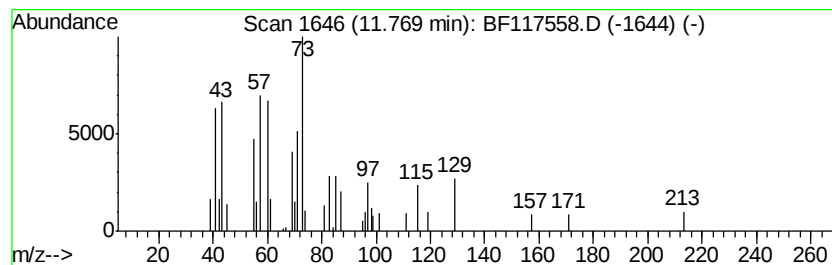
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 4 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.45 ng	73271	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		n-Decanoic acid	172	C10H20O2	000334-48-5	53
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
5		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	18



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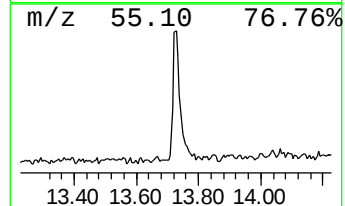
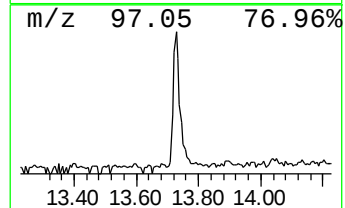
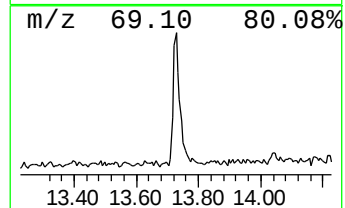
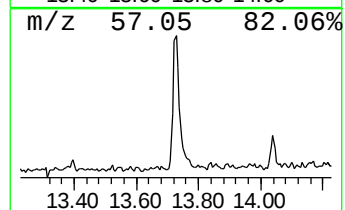
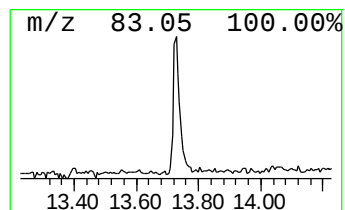
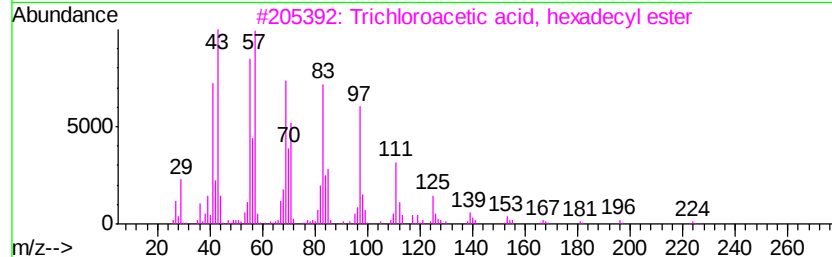
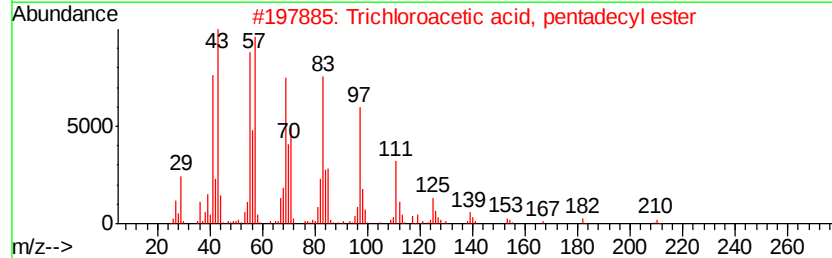
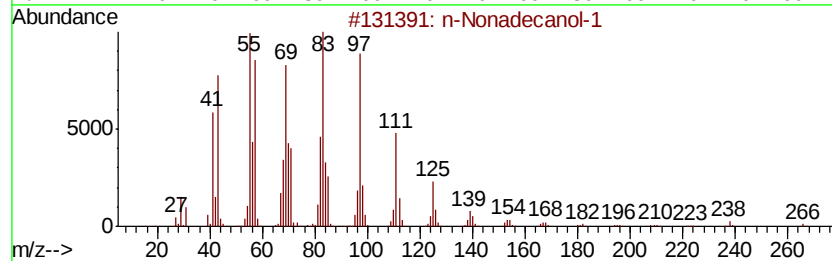
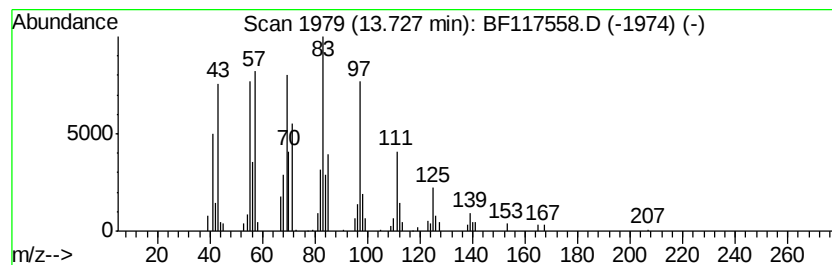
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	14.47 ng	169955	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Nonadecanol-1	284 C19H40O	001454-84-8 93
2		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
4		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
5		17-Pentatriacontene	491 C35H70	006971-40-0 91



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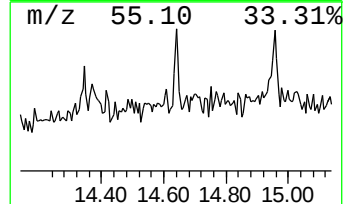
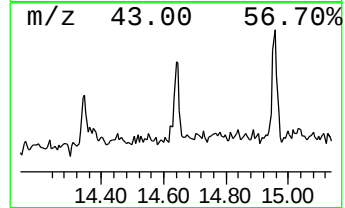
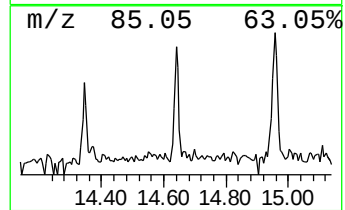
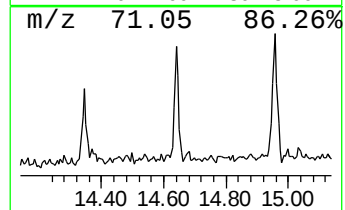
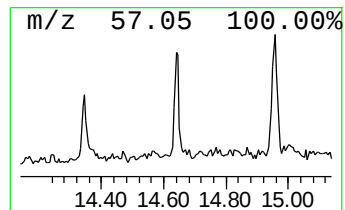
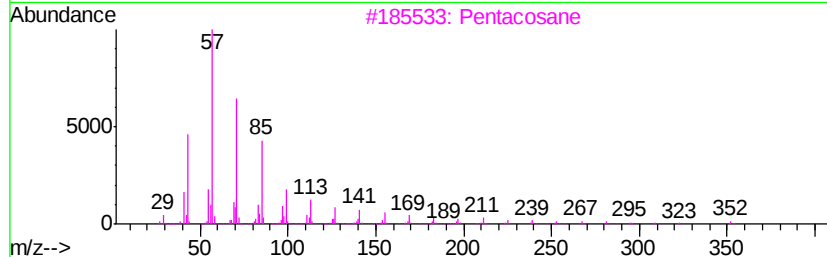
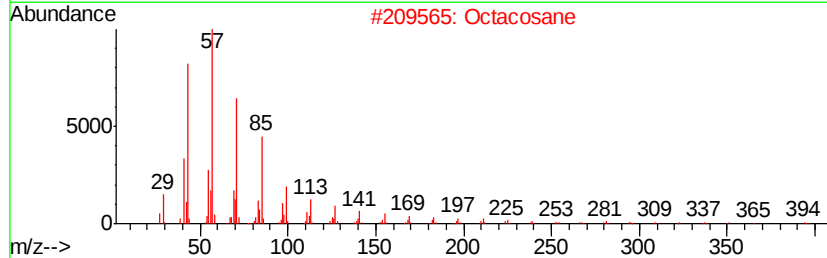
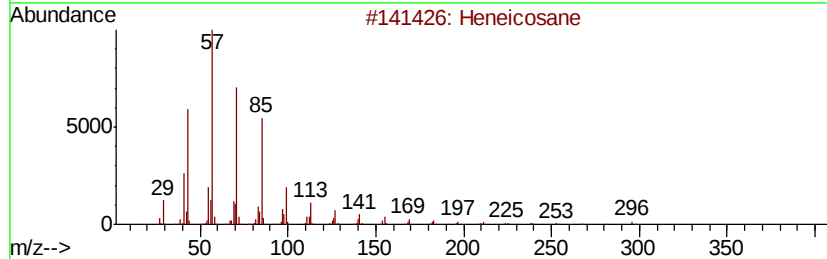
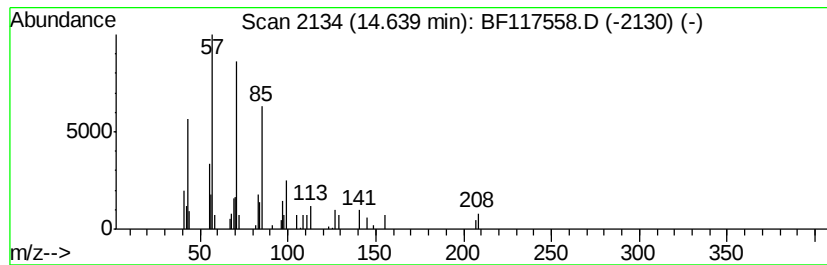
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Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.52 ng	32056	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentacosane	352	C25H52	000629-99-2	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117558.D
Acq On : 28 Oct 2019 13:50
Operator : JU
Sample : K5502-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
179-18-(0-2.1)

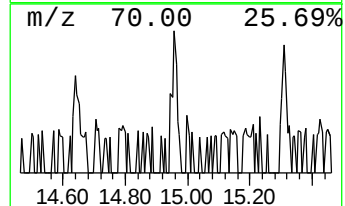
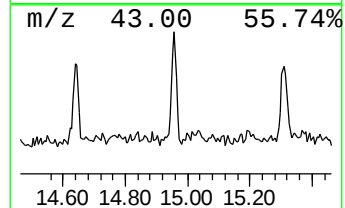
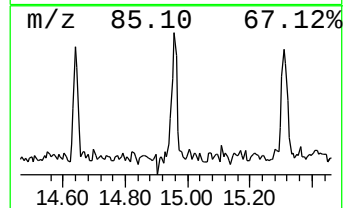
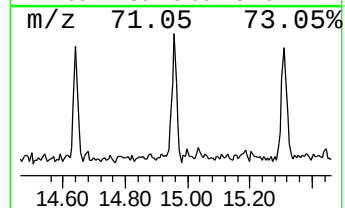
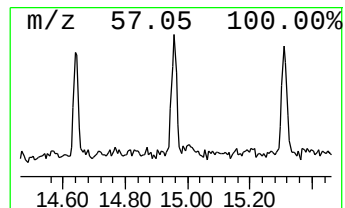
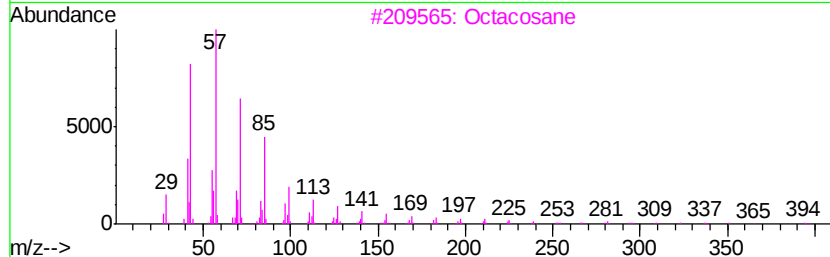
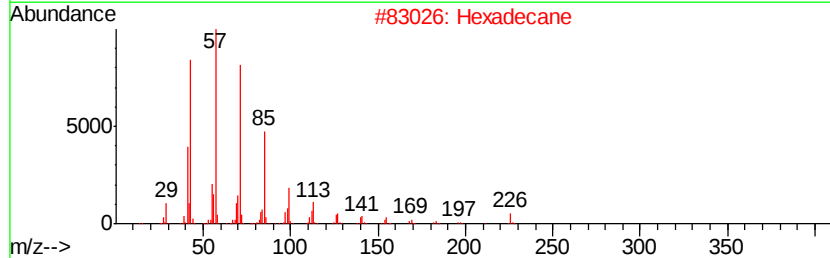
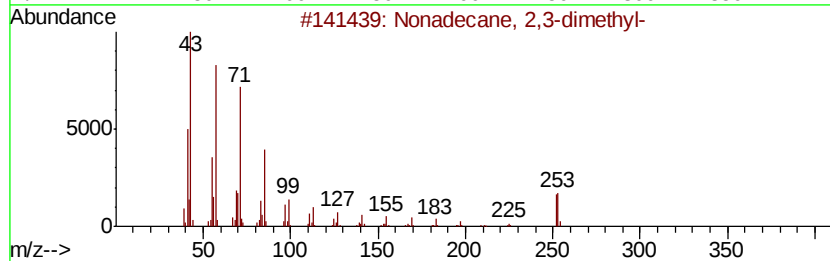
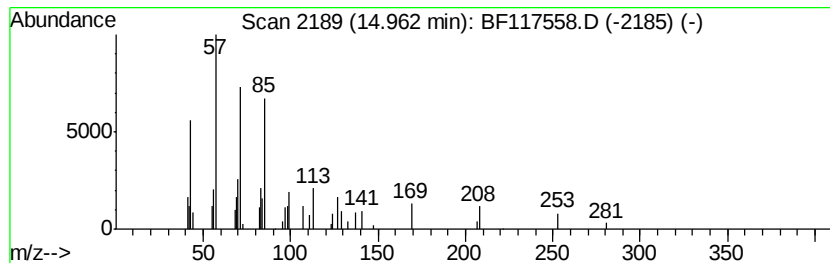
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.15 ng	39955	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	90
2		Hexadecane	226	C16H34	000544-76-3	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117558.D
Acq On : 28 Oct 2019 13:50
Operator : JU
Sample : K5502-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
179-18-(0-2.1)

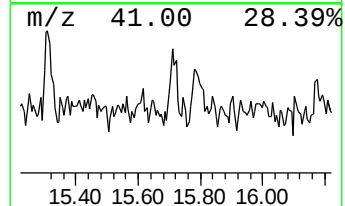
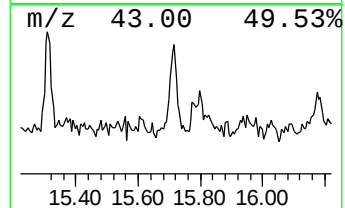
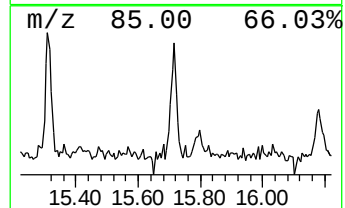
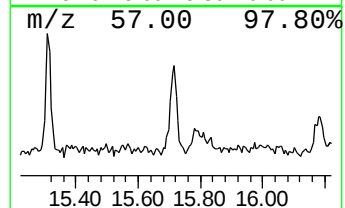
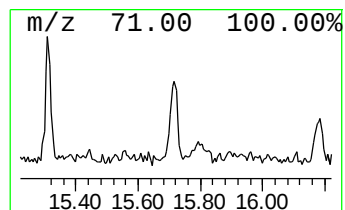
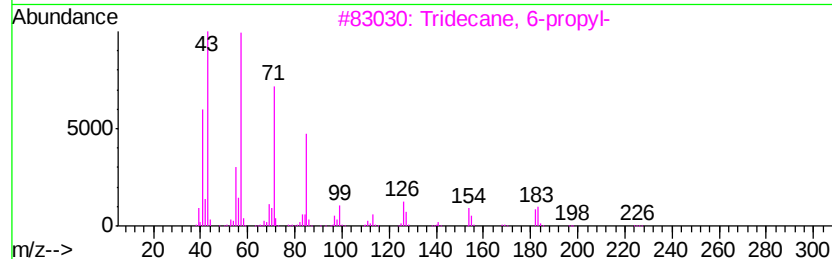
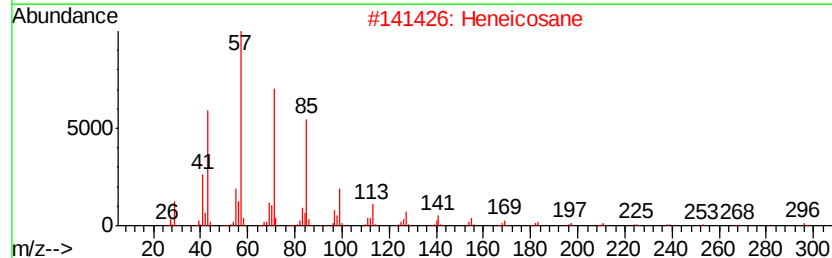
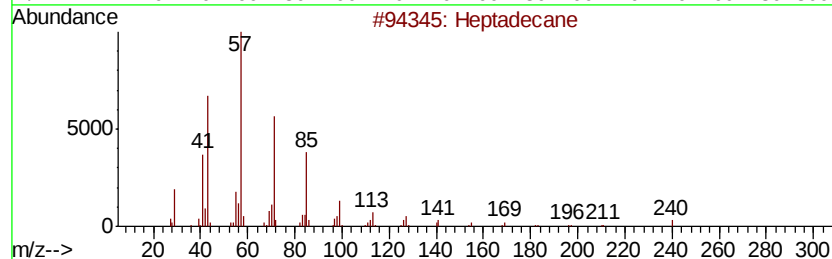
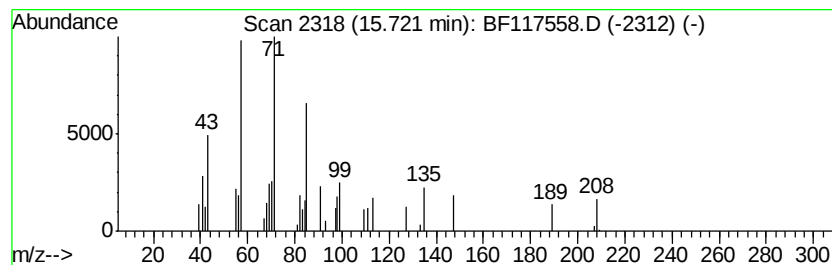
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.57 ng	32605	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	64
2		Heneicosane	296	C21H44	000629-94-7	59
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	53
4		1-Iodoundecane	282	C11H23I	004282-44-4	53
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117558.D
Acq On : 28 Oct 2019 13:50
Operator : JU
Sample : K5502-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

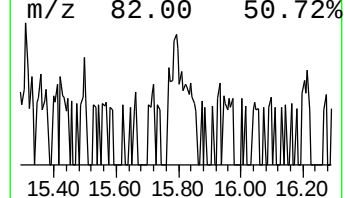
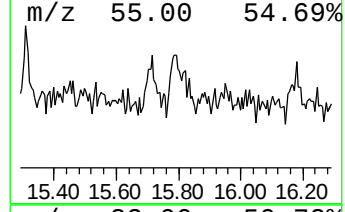
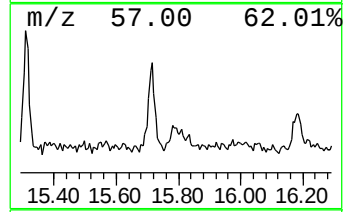
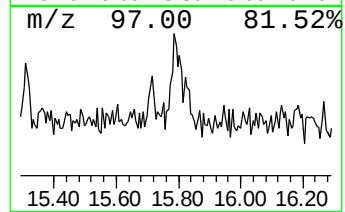
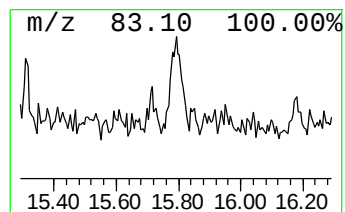
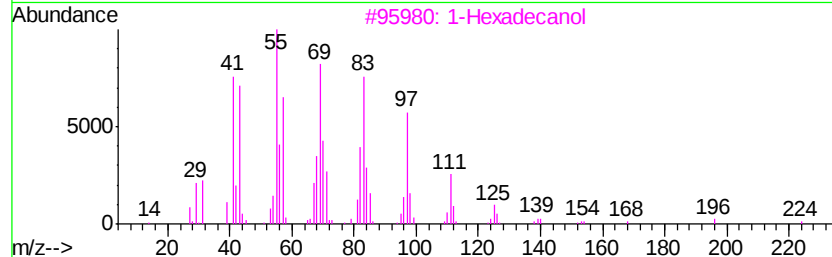
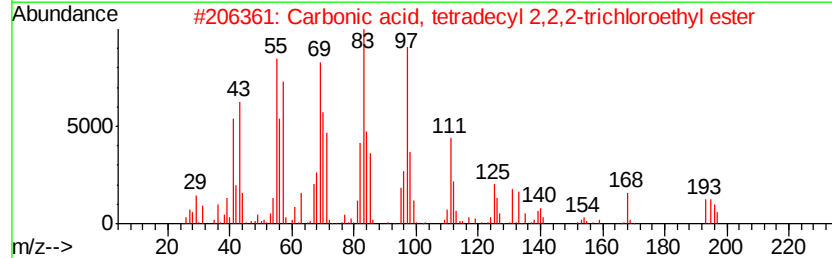
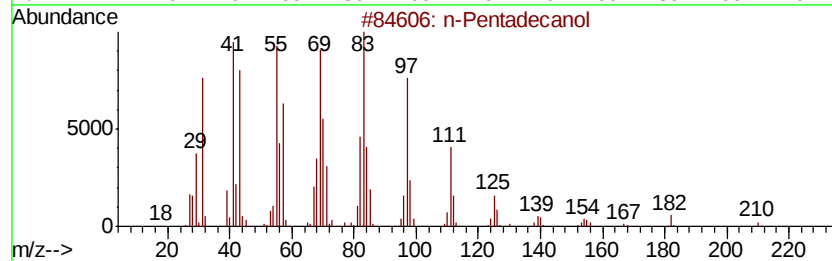
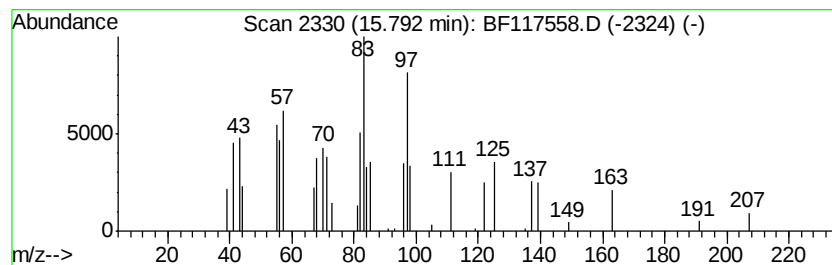
Instrument :
BNA_F
ClientSampleId :
179-18-(0-2.1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Pentadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.79	3.54 ng	44958	Perylene-d12	15.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentadecanol	228	C15H32O	000629-76-5	52
2	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	52
3	1-Hexadecanol	242	C16H34O	036653-82-4	52
4	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	50
5	Cyclotetradecane	196	C14H28	000295-17-0	50



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Acq On : 28 Oct 2019 13:50
Operator : JU
Sample : K5502-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
179-18-(0-2.1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.50	6.50	88.9	ng	1002220	1	6.73	225551	20.0
Benzene, 1,1'-(1-...	6.56	3.1	ng	35296	1	6.73	225551	20.0
Pentadecanoic acid	11.77	4.5	ng	73271	4	11.25	329653	20.0
n-Nonadecanol-1	13.73	14.5	ng	169955	5	13.89	234887	20.0
Heneicosane	14.64	2.5	ng	32056	6	15.33	253997	20.0
Nonadecane, 2,3-d...	14.96	3.1	ng	39955	6	15.33	253997	20.0
Heptadecane	15.72	2.6	ng	32605	6	15.33	253997	20.0
n-Pentadecanol	15.79	3.5	ng	44958	6	15.33	253997	20.0