

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF100319\
 Data File : BF117324.D
 Acq On : 3 Oct 2019 18:53
 Operator : JU
 Sample : K5160-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-3-2

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-BF091319.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	5.440	566	570	585	rBV	935092	1078612	76.27%	8.831%
2	6.451	738	742	760	rBV	1114412	1258893	89.02%	10.307%
3	6.581	760	764	773	rVV	1378371	1285414	90.89%	10.524%
4	6.804	799	802	813	rBV	318059	309903	21.91%	2.537%
5	6.963	825	829	843	rBV	1007894	946648	66.94%	7.750%
6	7.369	894	898	919	rBV	628684	774203	54.74%	6.339%
7	8.087	1016	1020	1039	rBV	318437	402756	28.48%	3.297%
8	9.163	1198	1203	1219	rBV	1363633	1414201	100.00%	11.578%
9	9.275	1219	1222	1228	rVB	46838	48231	3.41%	0.395%
10	9.551	1266	1269	1287	rBV	212549	229307	16.21%	1.877%
11	9.839	1314	1318	1332	rBV	507176	460653	32.57%	3.771%
12	10.628	1448	1452	1466	rBV	676954	788135	55.73%	6.453%
13	11.328	1567	1571	1580	rBV	387247	430687	30.45%	3.526%
14	11.392	1580	1582	1589	rVB2	14343	15127	1.07%	0.124%
15	11.563	1605	1611	1614	rBV3	9268	16313	1.15%	0.134%
16	11.851	1654	1660	1669	rBV3	66948	100160	7.08%	0.820%
17	12.375	1745	1749	1753	rBV2	34120	56913	4.02%	0.466%
18	12.539	1774	1777	1783	rBV	82103	88802	6.28%	0.727%
19	12.769	1811	1816	1823	rBV	74157	89673	6.34%	0.734%
20	12.904	1835	1839	1849	rBV	1135146	1113462	78.73%	9.116%
21	13.098	1864	1872	1874	rBV4	9056	17180	1.21%	0.141%
22	13.798	1985	1991	2003	rBV7	87885	170032	12.02%	1.392%
23	13.969	2015	2020	2032	rVB2	262230	340042	24.04%	2.784%
24	14.116	2041	2045	2047	rBV2	14797	15224	1.08%	0.125%
25	14.421	2094	2097	2100	rBV2	18995	19778	1.40%	0.162%
26	14.716	2142	2147	2152	rVB	35441	42164	2.98%	0.345%
27	15.004	2192	2196	2199	rBV2	39971	57931	4.10%	0.474%
28	15.045	2200	2203	2208	rVB	45043	52322	3.70%	0.428%
29	15.110	2211	2214	2220	rBV4	12028	17971	1.27%	0.147%
30	15.298	2242	2246	2252	rBV	22291	35163	2.49%	0.288%
31	15.363	2254	2257	2261	rVV	35423	46695	3.30%	0.382%
32	15.421	2261	2267	2279	rVB	194316	318649	22.53%	2.609%
33	15.833	2332	2337	2341	rVB2	33588	44888	3.17%	0.368%
34	15.910	2345	2350	2351	rBV5	10729	14323	1.01%	0.117%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.315	2415	2419	2423	rBV4	20718	27071	1.91%	0.222%
36	16.874	2509	2514	2522	rVB4	25552	54419	3.85%	0.446%
37	17.321	2585	2590	2597	rVB3	16554	32124	2.27%	0.263%

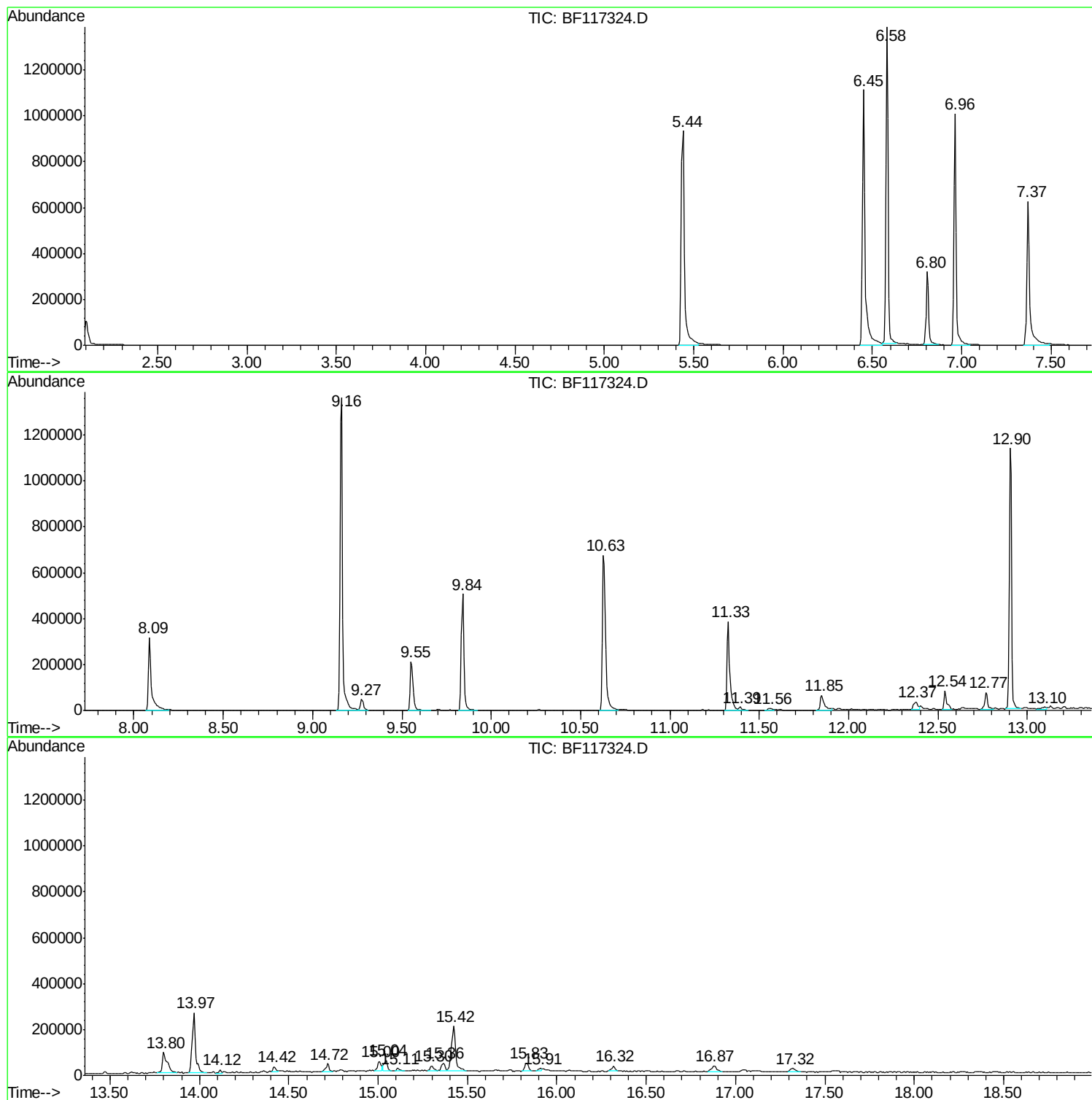
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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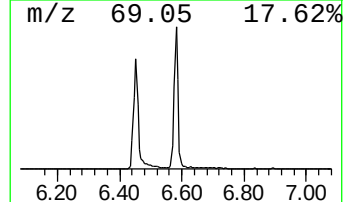
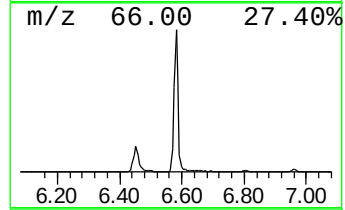
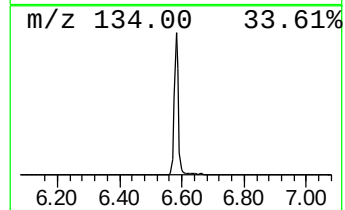
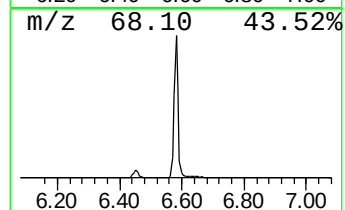
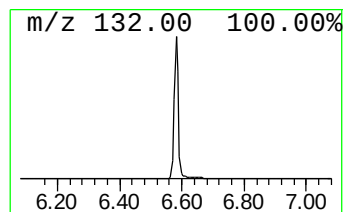
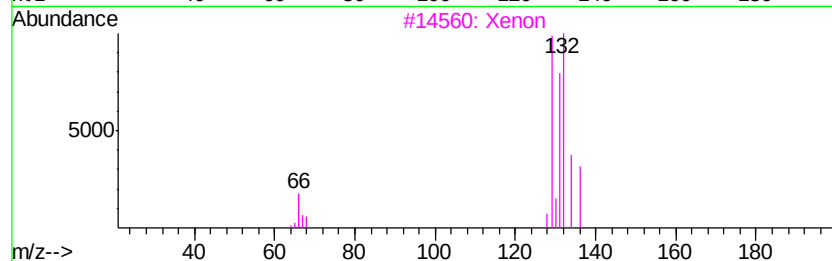
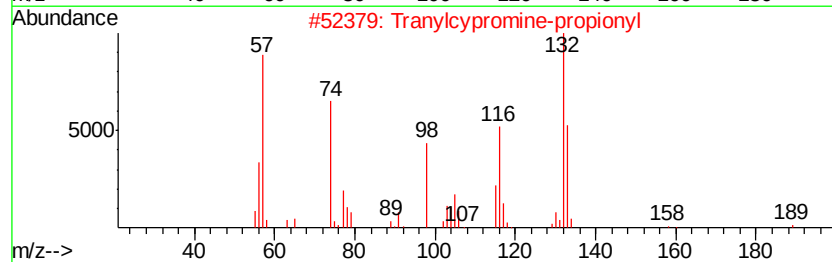
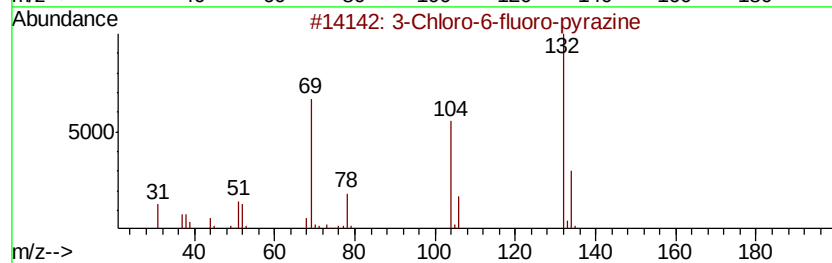
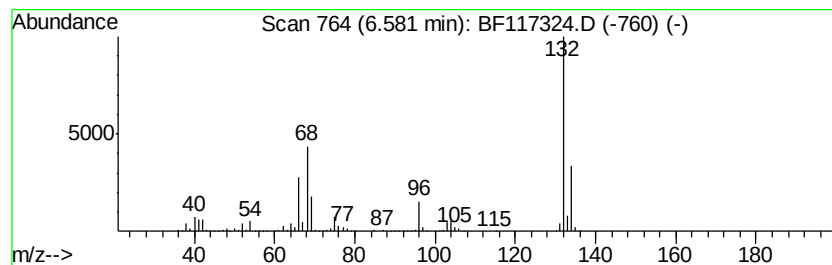
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	82.96 ng	1285410	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Xenon	132	Xe	007440-63-3	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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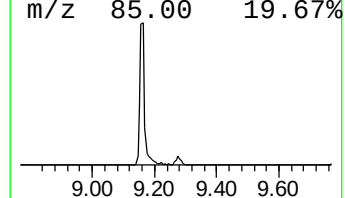
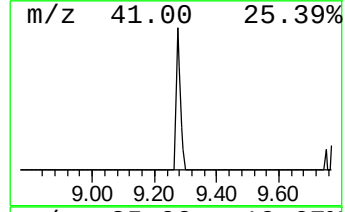
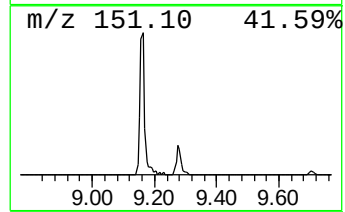
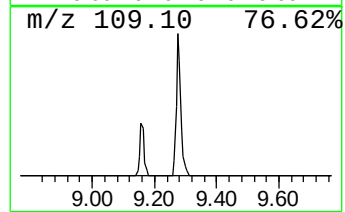
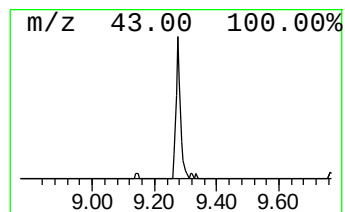
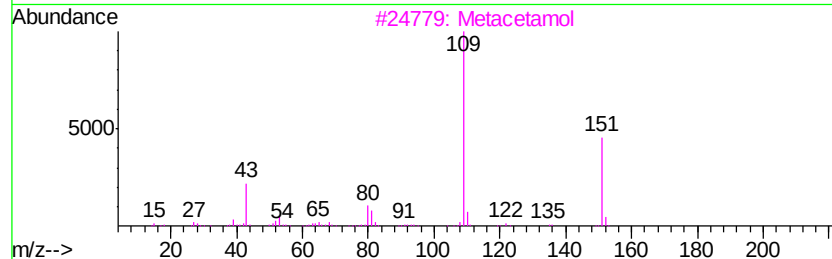
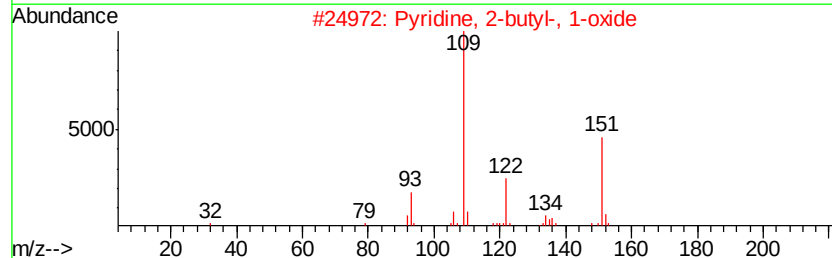
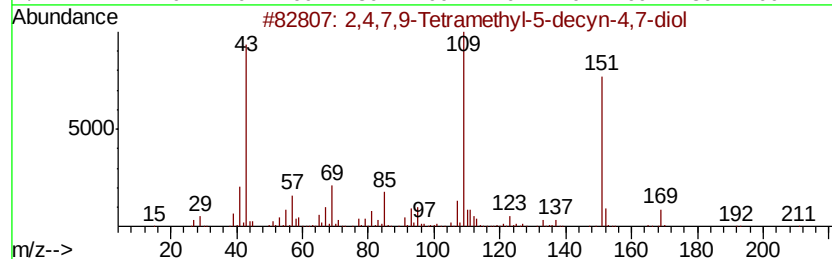
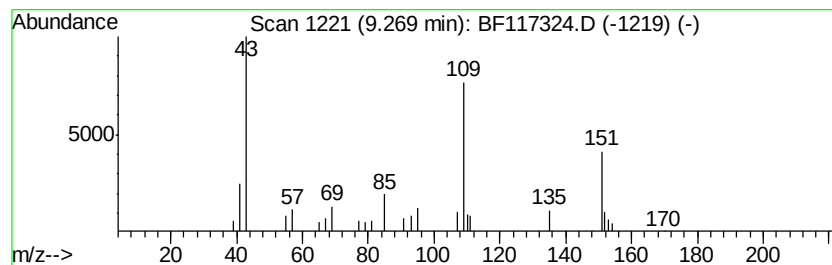
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.09 ng	48231	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3		Metacetamol	151	C8H9NO2	000621-42-1	52
4		N-Chlorocarbonyl-N-methoxy-N-iso...	151	C5H10ClNO2	078190-96-2	50
5		Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	50



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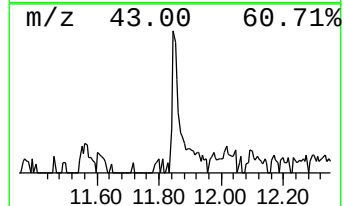
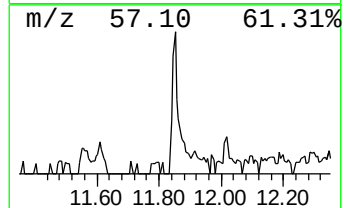
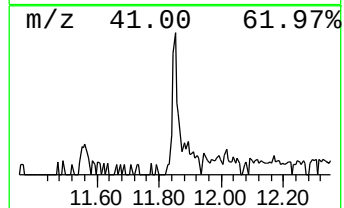
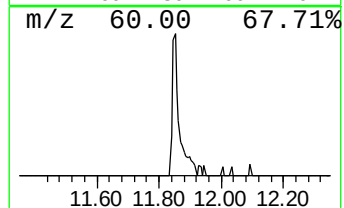
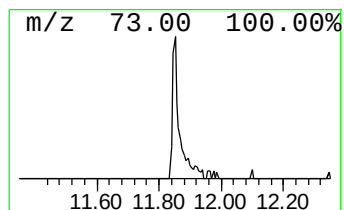
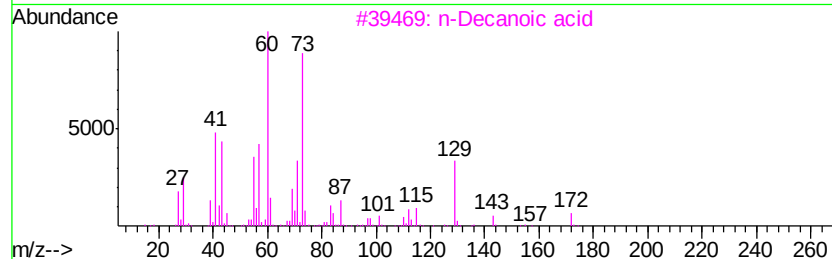
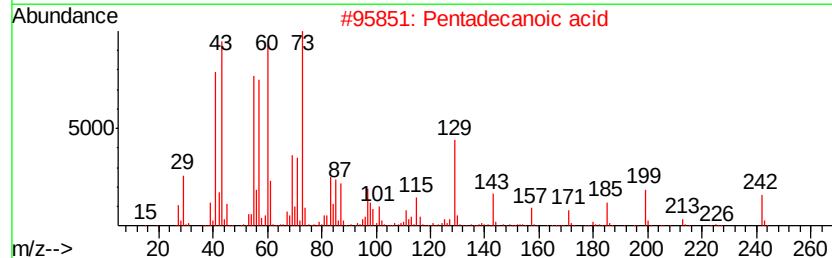
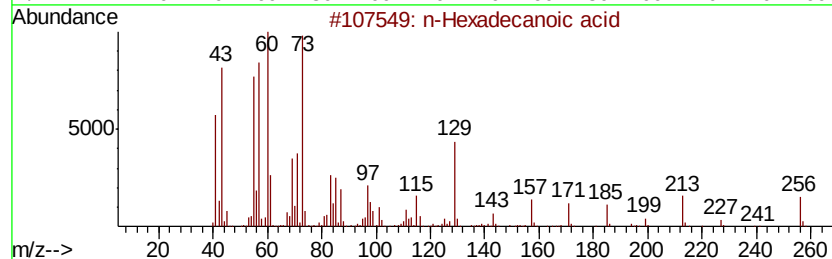
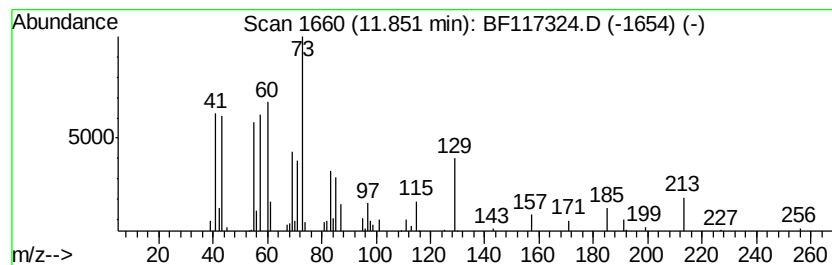
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.85	4.65 ng	100160	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47



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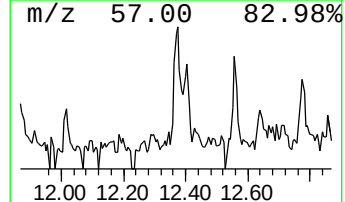
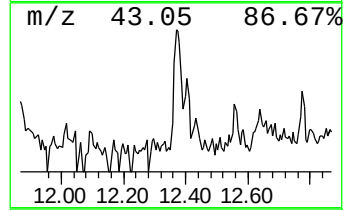
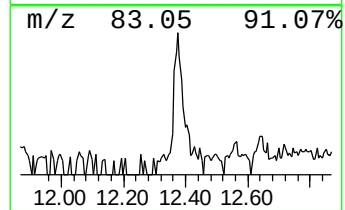
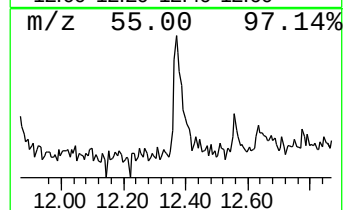
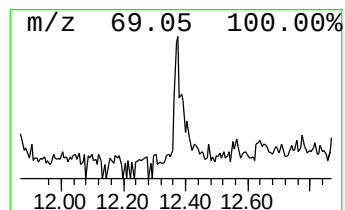
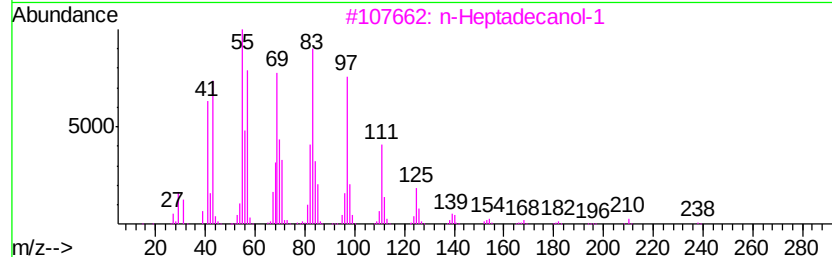
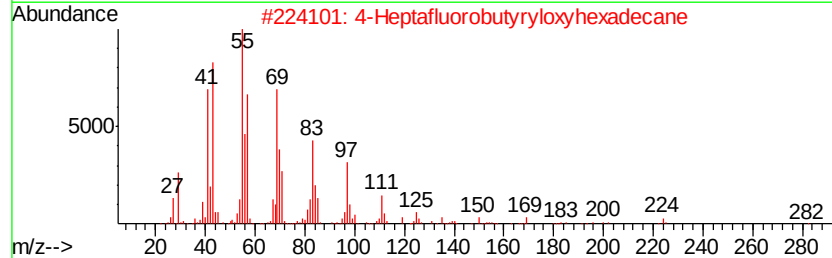
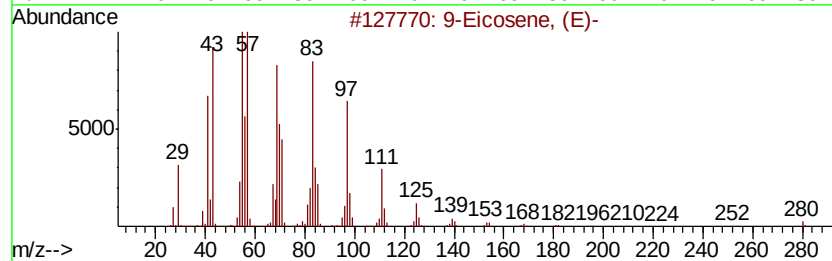
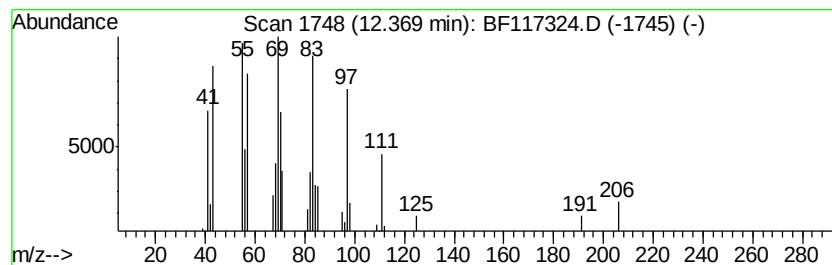
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.37	2.64 ng	56913	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	74
2	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	74
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	74
4	1-Hexadecanol	242	C16H34O	036653-82-4	74
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	74



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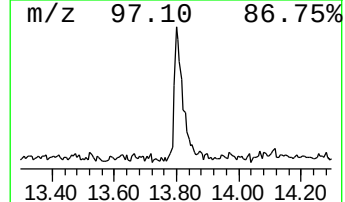
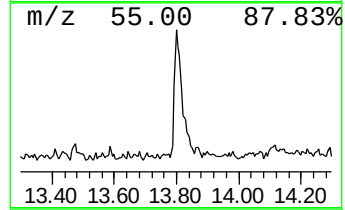
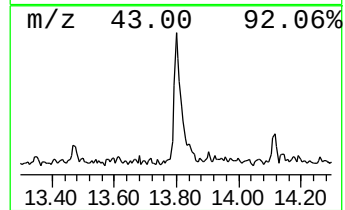
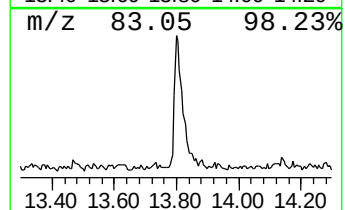
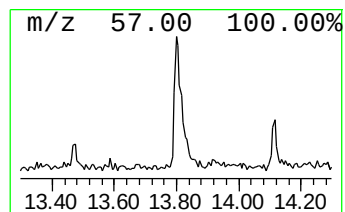
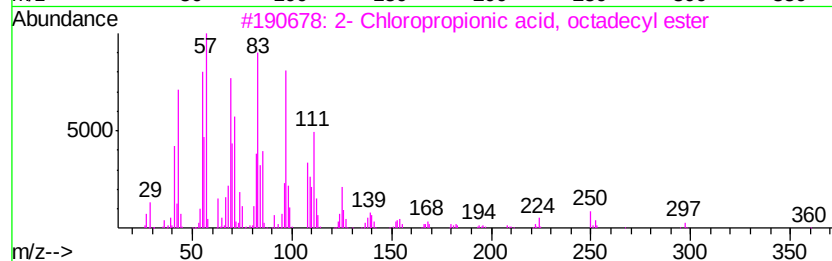
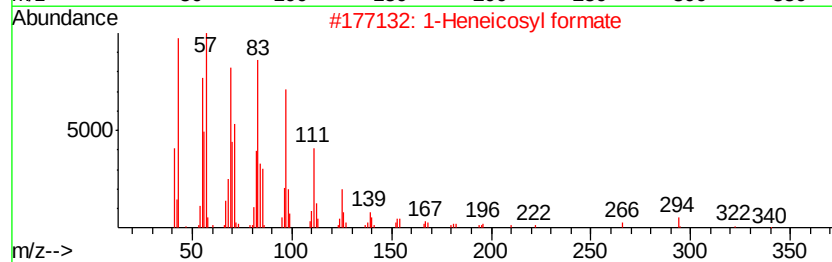
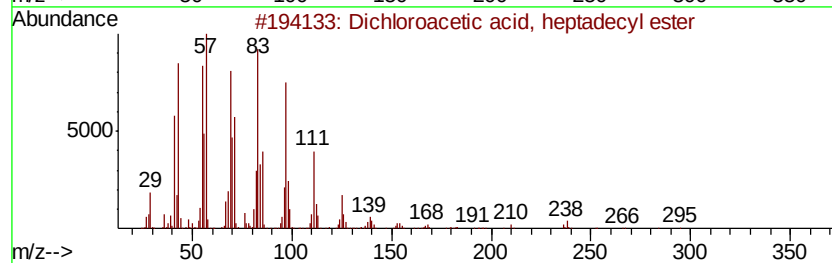
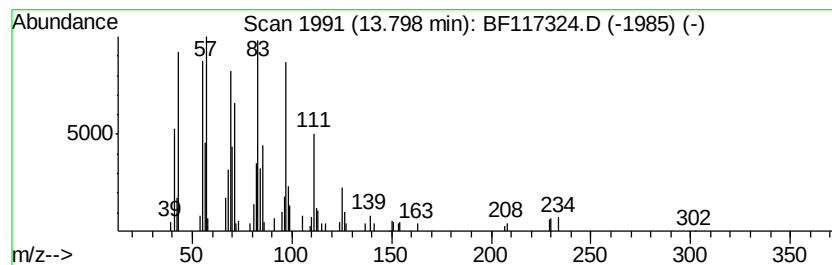
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	10.00 ng	170032	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF100319\
Data File : BF117324.D
Acq On : 3 Oct 2019 18:53
Operator : JU
Sample : K5160-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

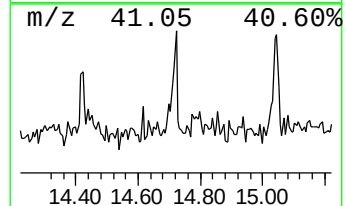
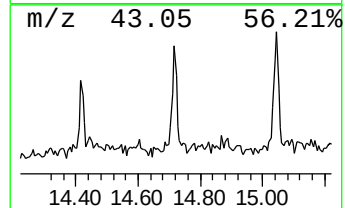
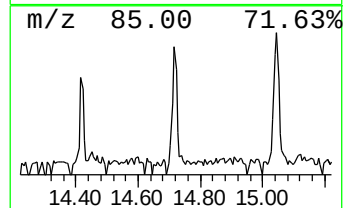
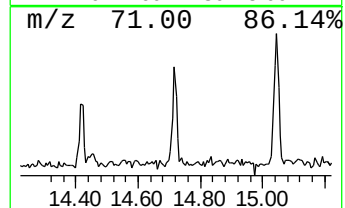
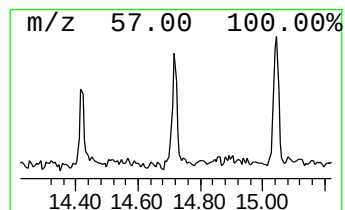
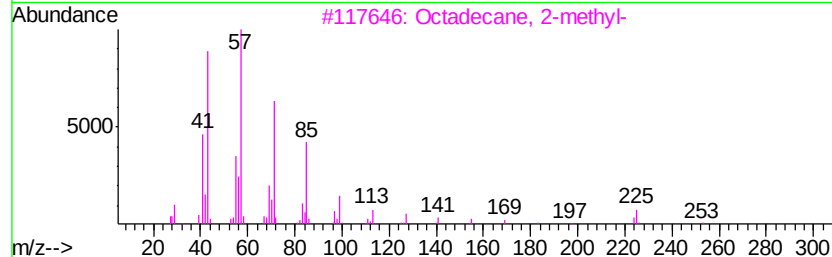
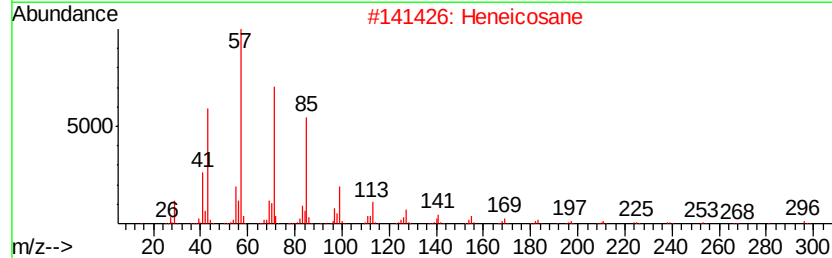
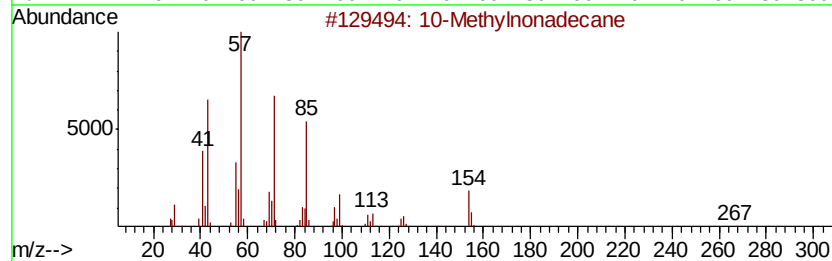
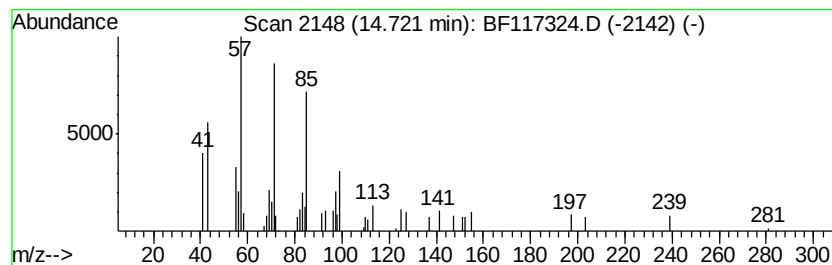
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 10-Methylnonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.65 ng	42164	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	87
2		Heneicosane	296	C21H44	000629-94-7	86
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5		2-methyloctacosane	408	C29H60	1000376-72-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF100319\
Data File : BF117324.D
Acq On : 3 Oct 2019 18:53
Operator : JU
Sample : K5160-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

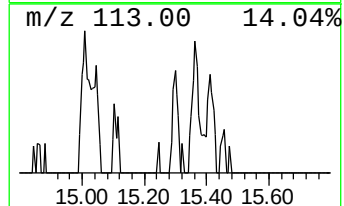
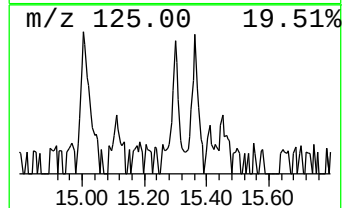
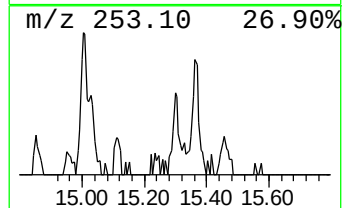
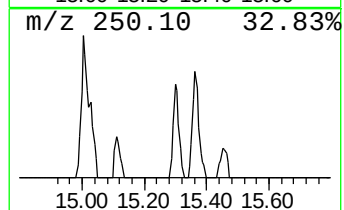
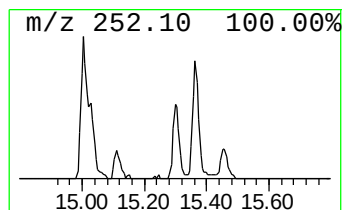
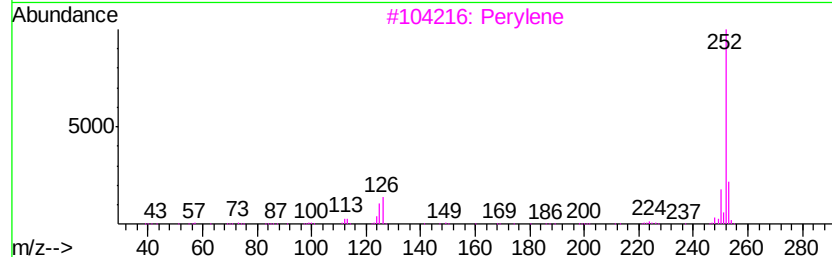
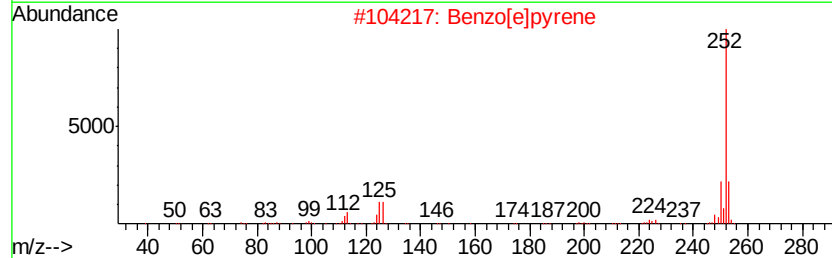
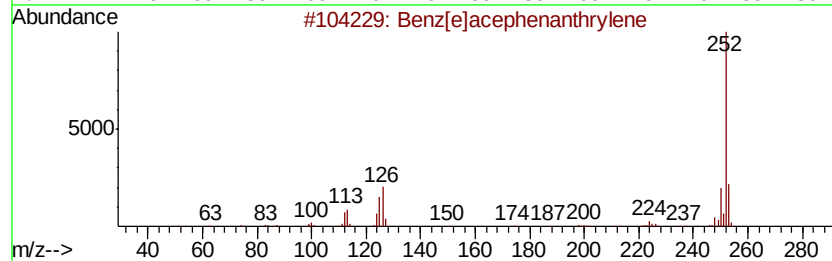
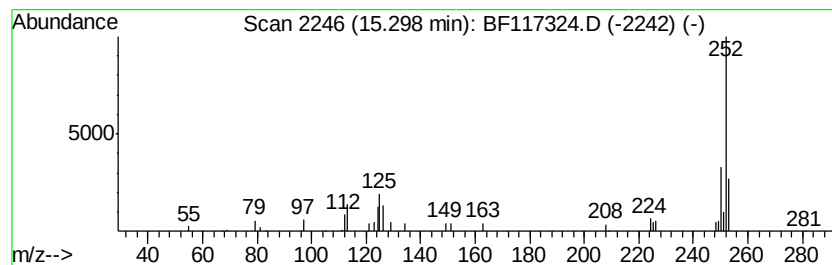
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benz[e]acephenanthrylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.21 ng	35163	Perylene-d12	15.42

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
2	Benzo[e]pyrene	252	C20H12	000192-97-2	72
3	Perylene	252	C20H12	000198-55-0	72
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF100319\
Data File : BF117324.D
Acq On : 3 Oct 2019 18:53
Operator : JU
Sample : K5160-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

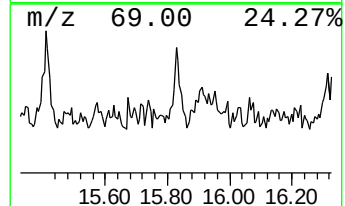
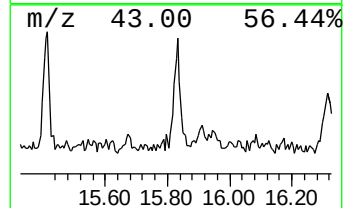
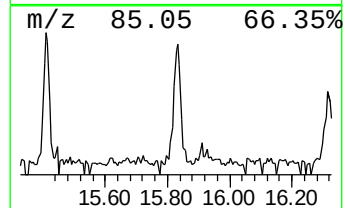
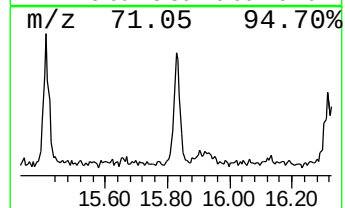
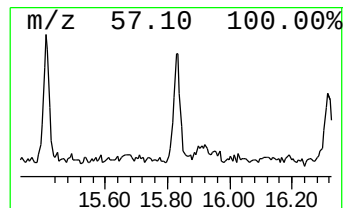
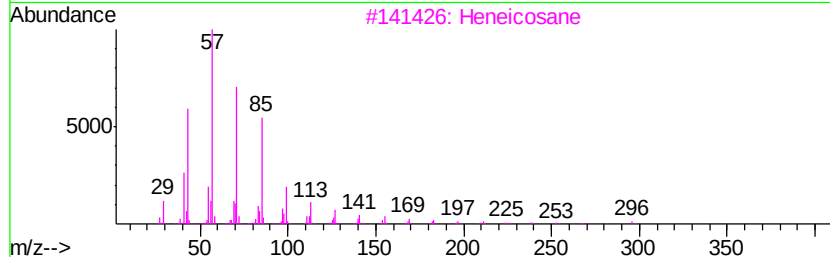
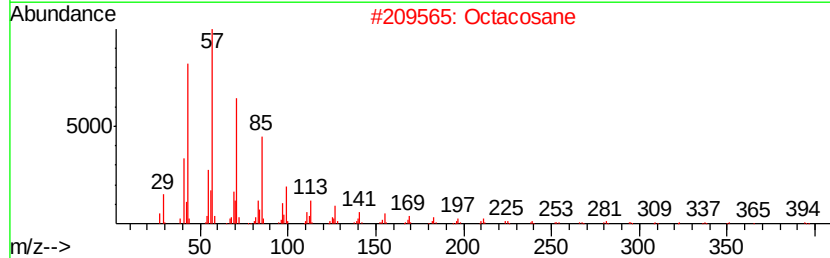
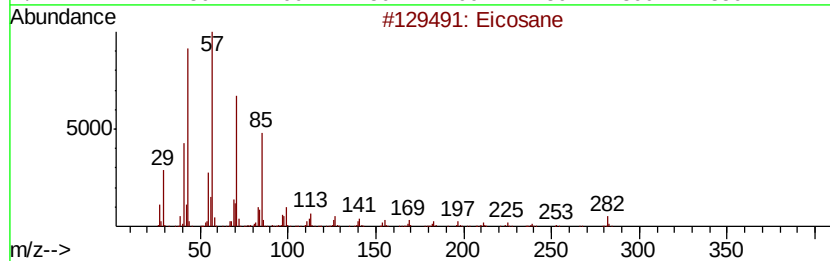
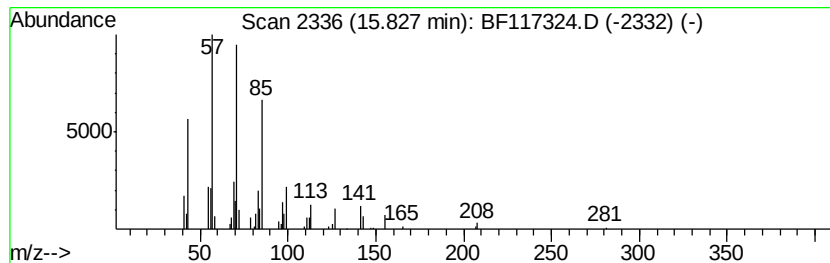
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.82 ng	44888	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptadecane		240	C17H36	000629-78-7	90
5	Pentacosane		352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100319\
Data File : BF117324.D
Acq On : 3 Oct 2019 18:53
Operator : JU
Sample : K5160-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
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2,4,7,9-Tetrameth...	9.27	2.1	ng	48231	3	9.84	460653	20.0
n-Hexadecanoic acid	11.85	4.7	ng	100160	4	11.33	430687	20.0
9-Eicosene, (E)-	12.37	2.6	ng	56913	4	11.33	430687	20.0
Dichloroacetic ac...	13.80	10.0	ng	170032	5	13.97	340042	20.0
10-Methylnonadecane	14.72	2.6	ng	42164	6	15.42	318649	20.0
Benz[e]acephenant...	15.30	2.2	ng	35163	6	15.42	318649	20.0
Eicosane	15.83	2.8	ng	44888	6	15.42	318649	20.0