

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114131.D
 Acq On : 10 May 2019 20:08
 Operator : JU/SJ
 Sample : K2762-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01

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-BF051019.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	4	9	26	rVB	1744801	2594425	35.37%	3.686%
2	5.075	506	508	515	rVB	89934	102663	1.40%	0.146%
3	5.481	572	577	580	rBV	7394679	6800300	92.70%	9.660%
4	6.486	743	748	751	rBV	7175222	7335664	100.00%	10.421%
5	6.628	767	772	775	rBV	7426504	7125750	97.14%	10.123%
6	6.851	807	810	814	rBV	2883523	2240849	30.55%	3.183%
7	7.010	833	837	840	rBV	5988118	4900272	66.80%	6.961%
8	7.410	900	905	908	rBV	5048223	4571989	62.33%	6.495%
9	8.133	1024	1028	1031	rBV	3161935	2705969	36.89%	3.844%
10	9.204	1206	1210	1216	rVB	6146110	5286050	72.06%	7.509%
11	9.598	1273	1277	1280	rBV	1173947	1030225	14.04%	1.464%
12	9.886	1322	1326	1329	rVB	2830234	2538586	34.61%	3.606%
13	10.086	1356	1360	1365	rBV3	74309	81257	1.11%	0.115%
14	10.592	1444	1446	1449	rVB2	135407	108002	1.47%	0.153%
15	10.669	1455	1459	1463	rBV	3801435	3494204	47.63%	4.964%
16	10.804	1477	1482	1484	rBV2	71422	77909	1.06%	0.111%
17	10.851	1488	1490	1492	rBV	150687	130210	1.78%	0.185%
18	10.886	1492	1496	1499	rVV2	156176	191621	2.61%	0.272%
19	10.921	1499	1502	1504	rVV	150038	129645	1.77%	0.184%
20	11.033	1517	1521	1524	rVB3	136932	156550	2.13%	0.222%
21	11.069	1524	1527	1529	rVV	165404	137492	1.87%	0.195%
22	11.110	1532	1534	1539	rVB2	84299	73926	1.01%	0.105%
23	11.321	1565	1570	1573	rBV2	76370	91717	1.25%	0.130%
24	11.368	1574	1578	1581	rVV	2784559	2345452	31.97%	3.332%
25	11.392	1581	1582	1585	rVB	151232	81280	1.11%	0.115%
26	11.898	1664	1668	1677	rBV	1581343	1522236	20.75%	2.162%
27	12.580	1781	1784	1786	rBV	375753	331652	4.52%	0.471%
28	12.680	1797	1801	1804	rBV	680791	647956	8.83%	0.920%
29	12.804	1819	1822	1825	rBV	324613	282266	3.85%	0.401%
30	12.951	1842	1847	1850	rBV	4033464	3640204	49.62%	5.171%
31	13.527	1942	1945	1951	rVB	116886	138225	1.88%	0.196%
32	13.845	1996	1999	2007	rBV2	767822	1005067	13.70%	1.428%
33	14.004	2022	2026	2029	rBV	2328799	2156888	29.40%	3.064%
34	14.168	2052	2054	2059	rBV	330769	288914	3.94%	0.410%

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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 >
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35	14.480	2104	2107	2113	rBV	685031	712427	9.71%	1.012%
36	14.786	2156	2159	2162	rVB	683295	629145	8.58%	0.894%
37	15.045	2201	2203	2207	rBV	155422	224245	3.06%	0.319%
38	15.121	2213	2216	2220	rBV	1004885	1141201	15.56%	1.621%
39	15.474	2272	2276	2279	rBV	1310837	1740786	23.73%	2.473%
40	15.504	2279	2281	2287	rVB	701919	773413	10.54%	1.099%
41	15.939	2351	2355	2359	rVB	608970	827046	11.27%	1.175%

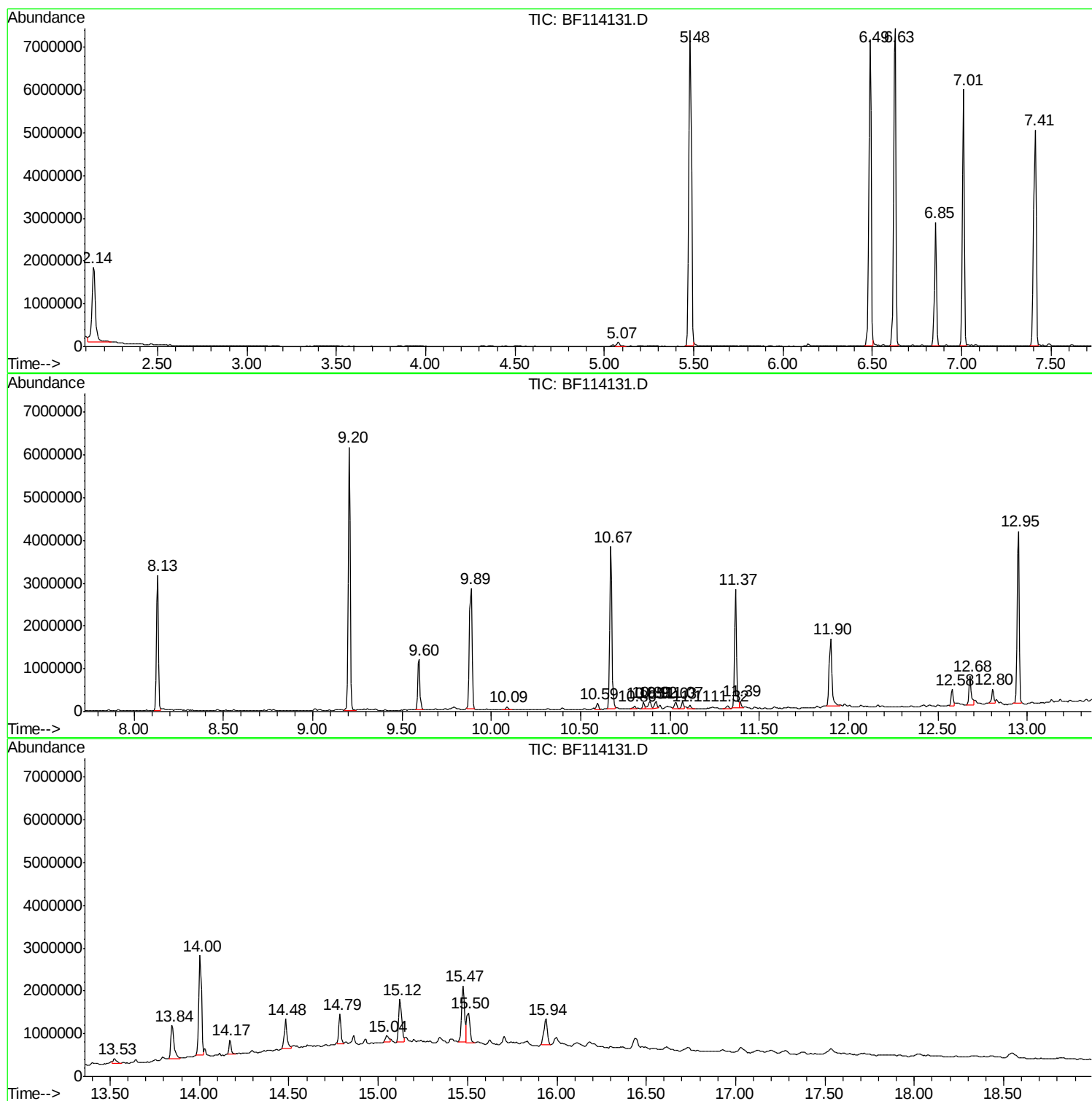
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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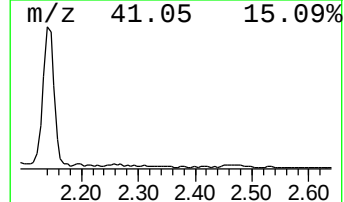
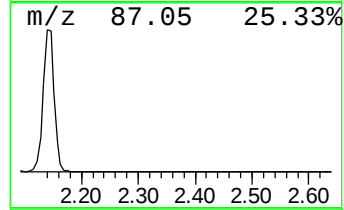
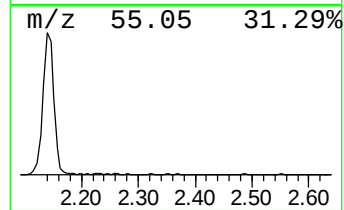
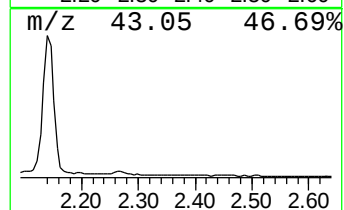
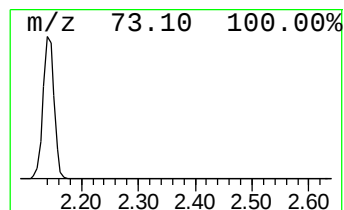
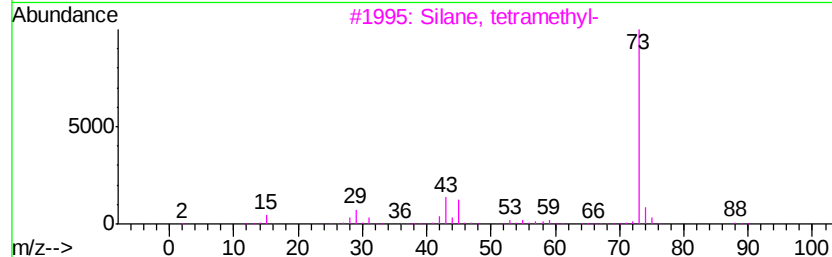
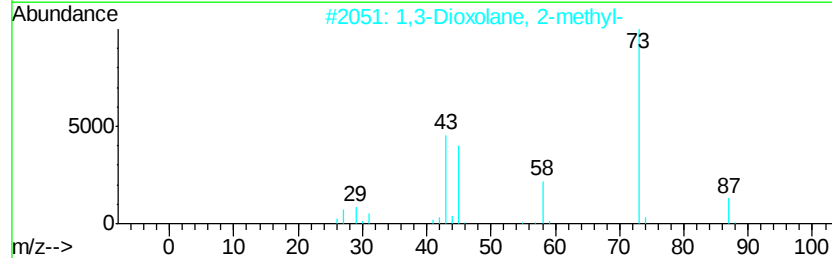
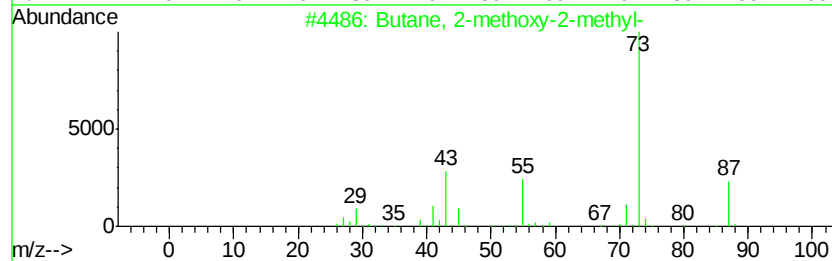
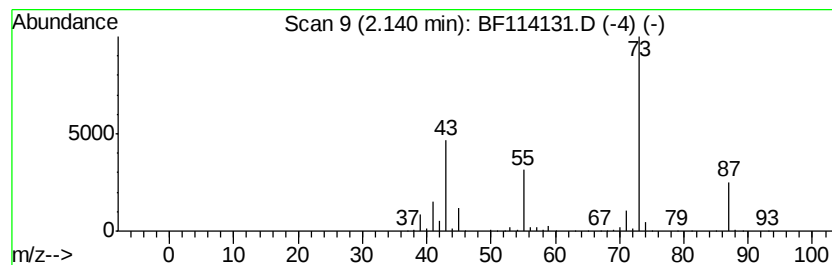
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	23.16 ng	2594430	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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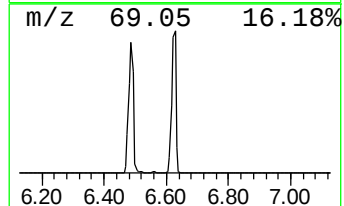
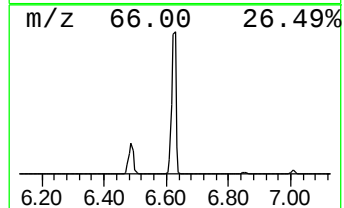
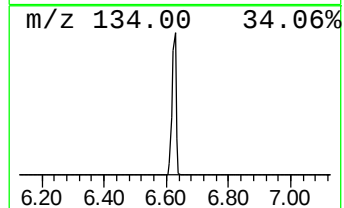
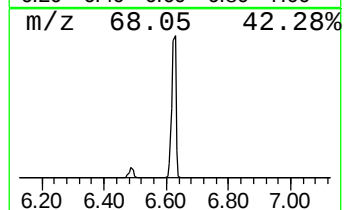
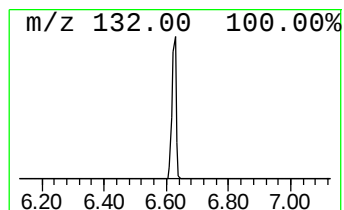
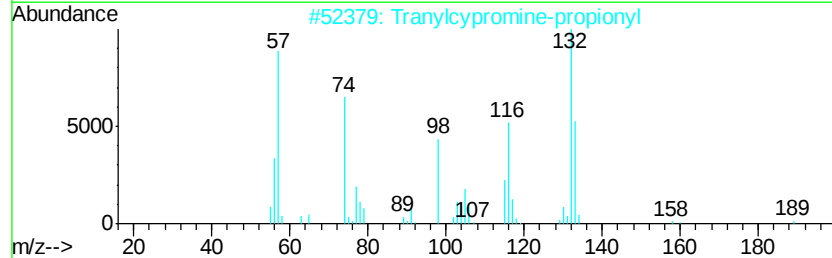
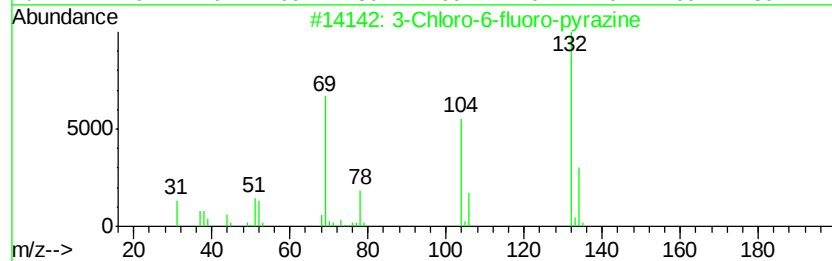
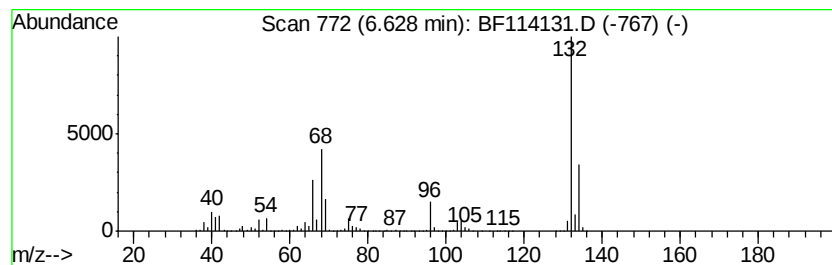
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Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	63.60 ng	7125750	1,4-Dichlorobenzene-d4	6.85

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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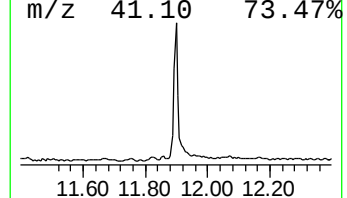
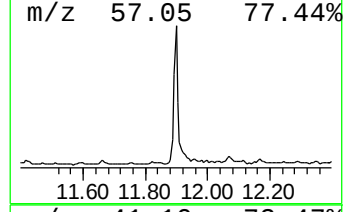
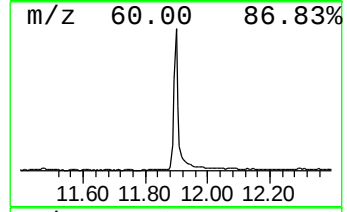
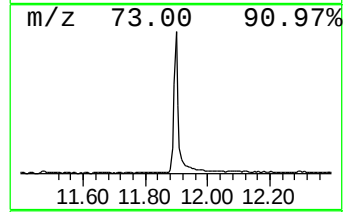
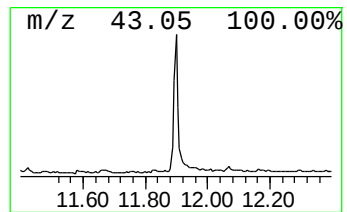
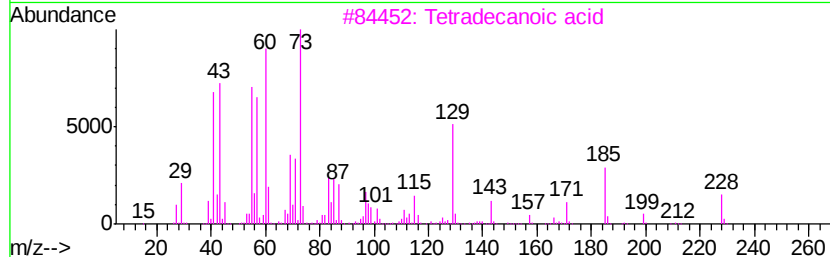
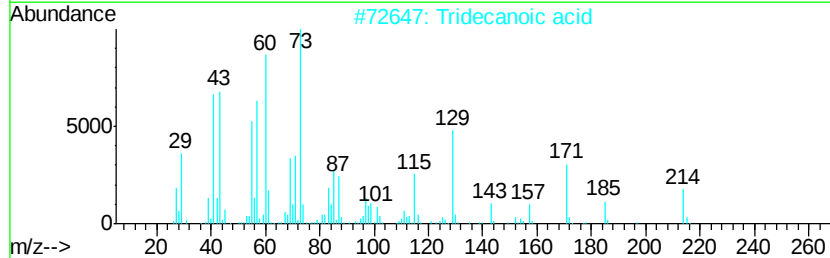
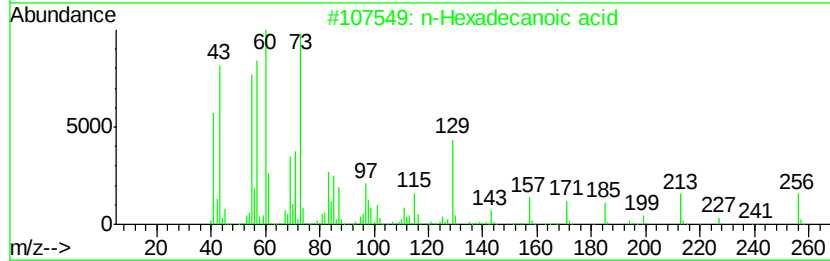
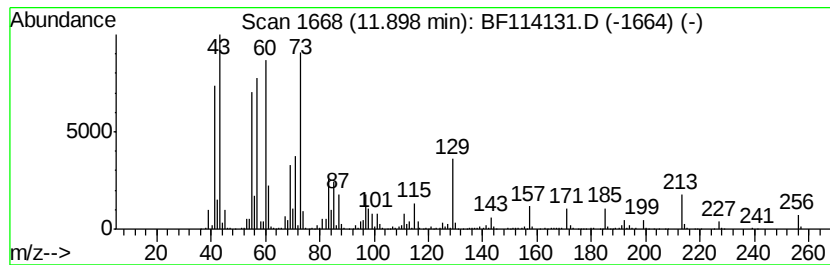
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	12.98 ng	1522240	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	76



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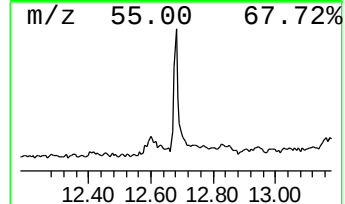
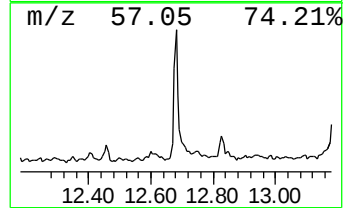
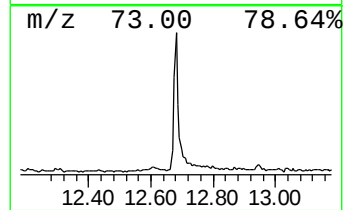
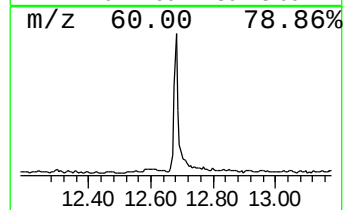
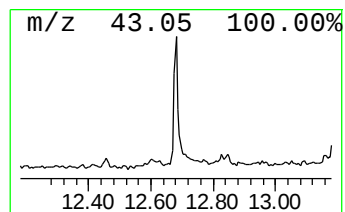
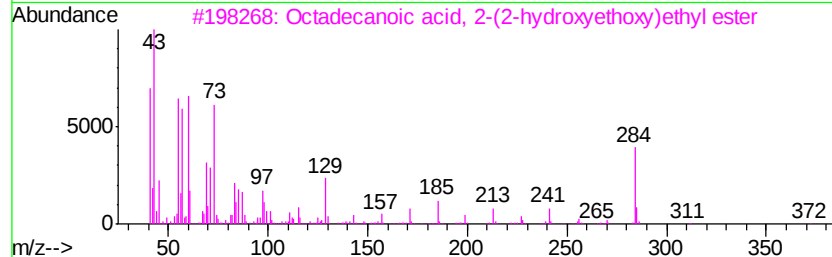
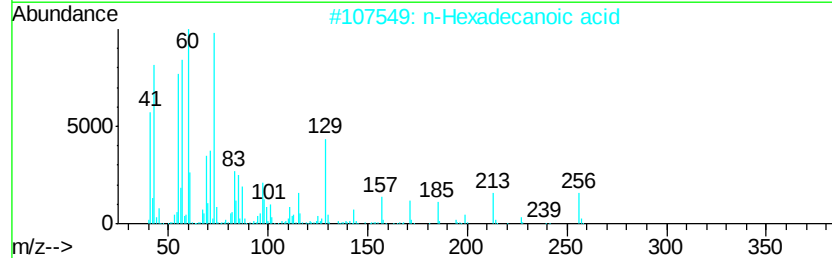
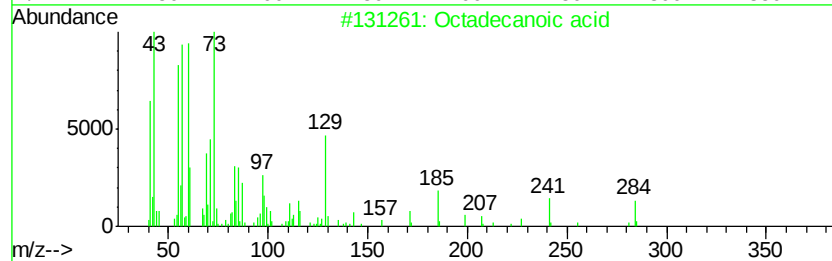
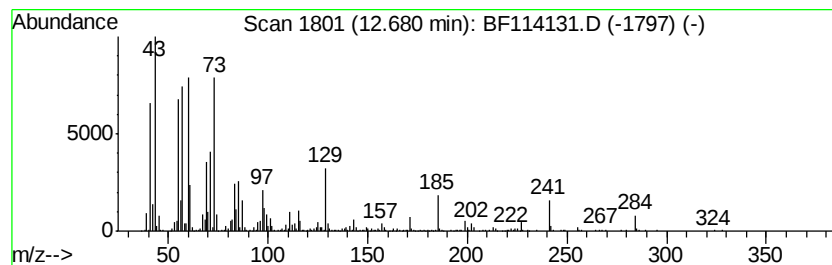
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	5.53 ng	647956	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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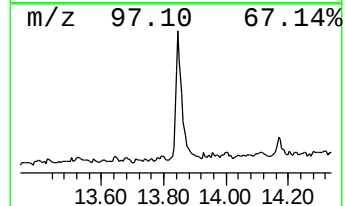
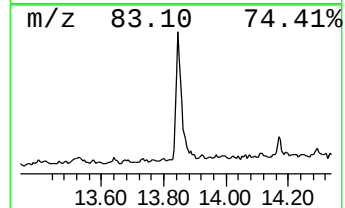
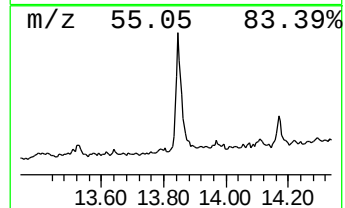
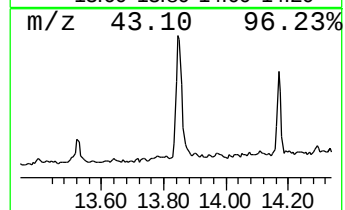
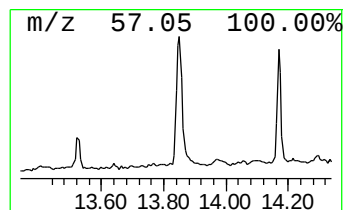
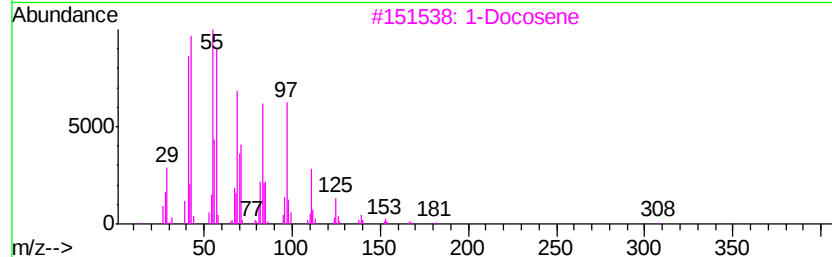
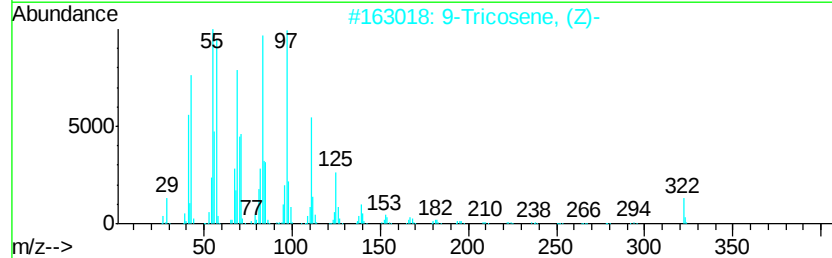
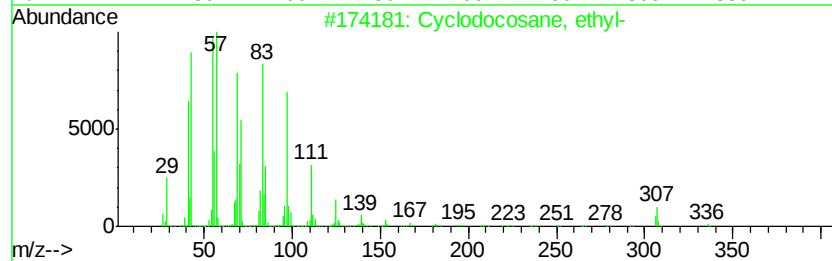
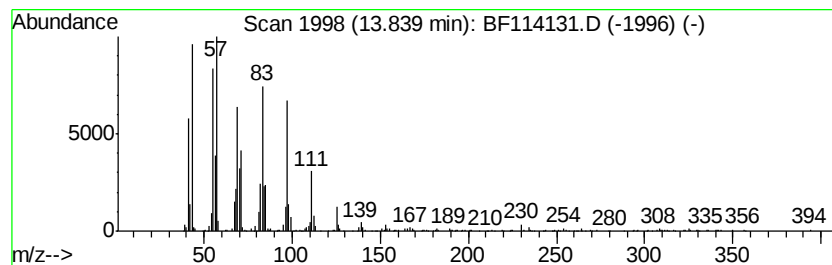
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclodocosane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.84	9.32 ng	1005070	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
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Acq On : 10 May 2019 20:08
Operator : JU/SJ
Sample : K2762-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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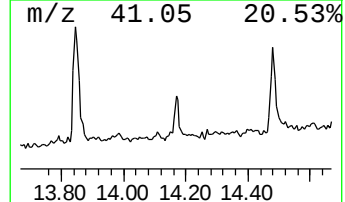
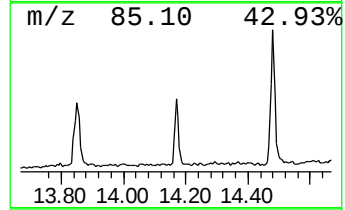
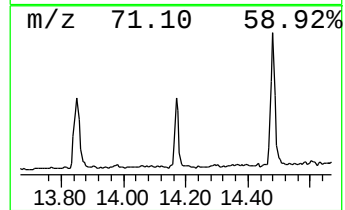
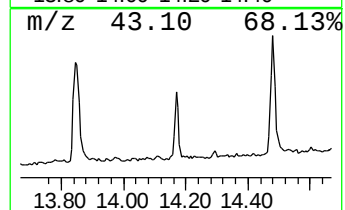
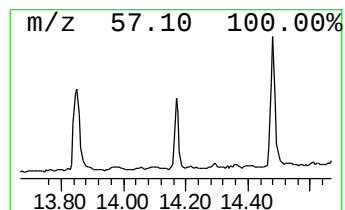
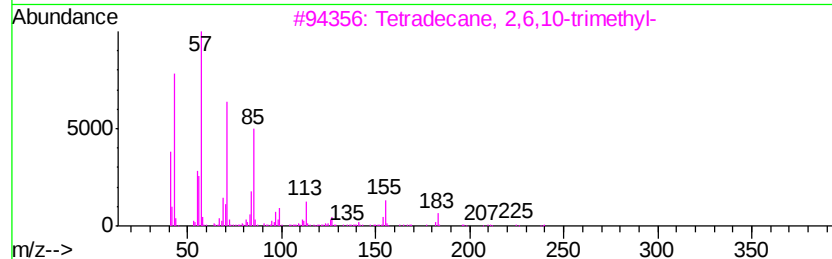
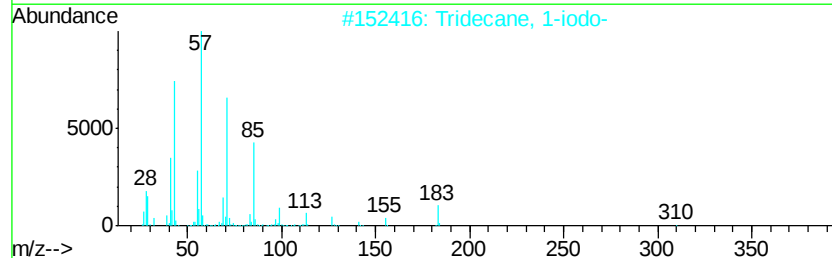
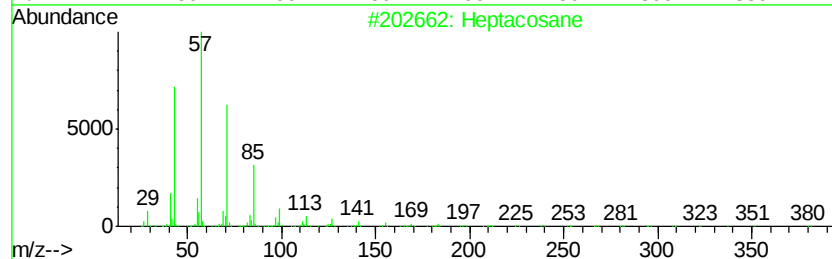
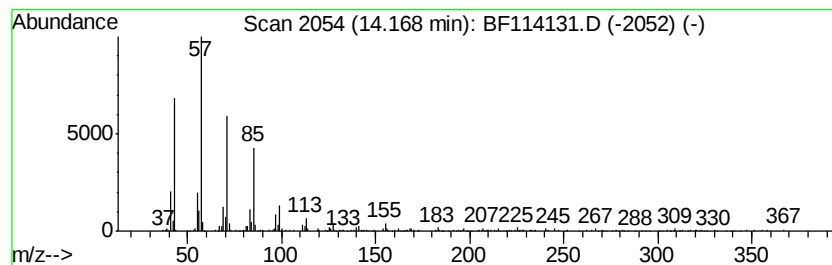
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.68 ng	288914	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114131.D
Acq On : 10 May 2019 20:08
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
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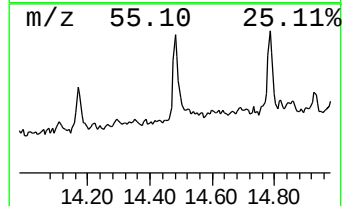
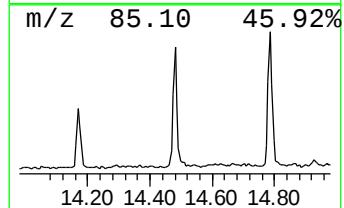
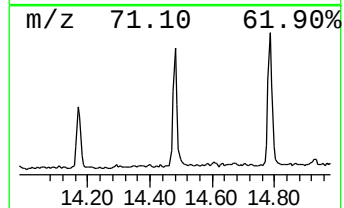
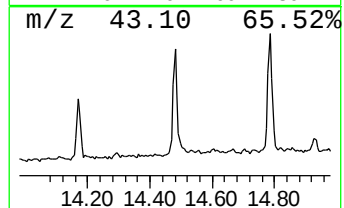
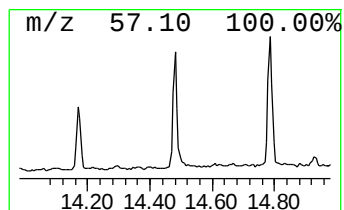
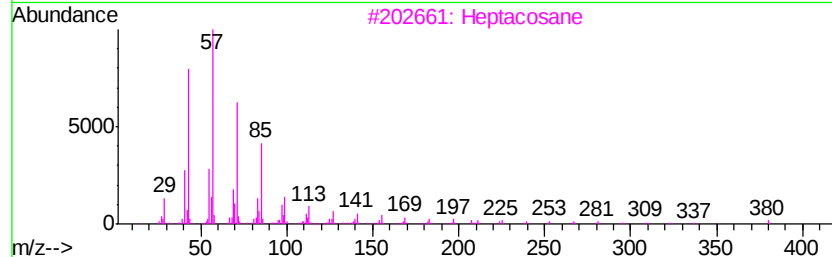
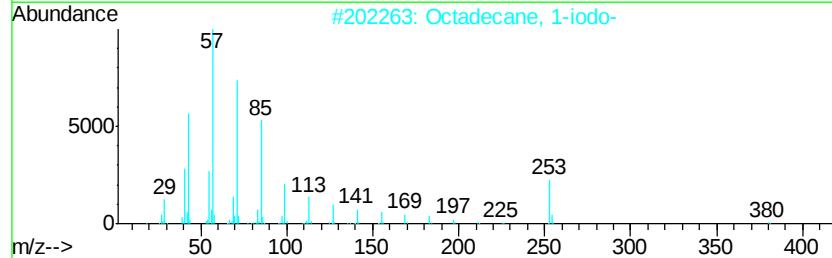
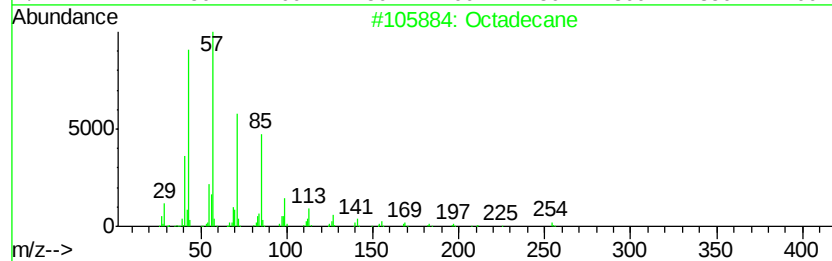
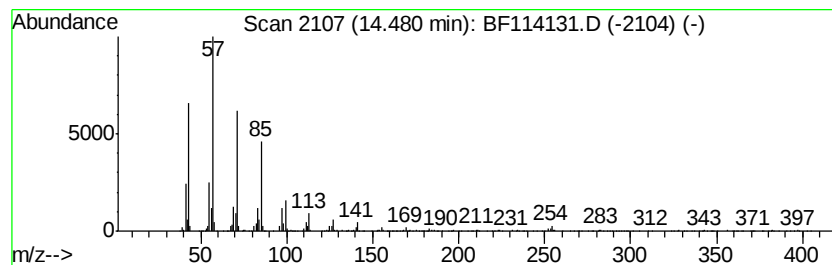
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	6.61 ng	712427	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	98
2	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	95
3	Heptacosane		380	C27H56	000593-49-7	93
4	Hexacosane		366	C26H54	000630-01-3	90
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114131.D
Acq On : 10 May 2019 20:08
Operator : JU/SJ
Sample : K2762-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

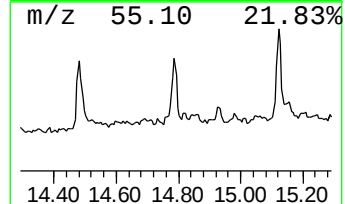
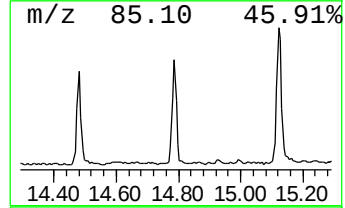
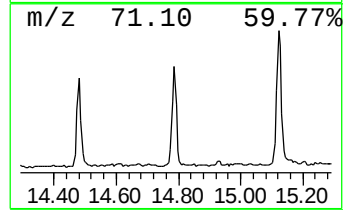
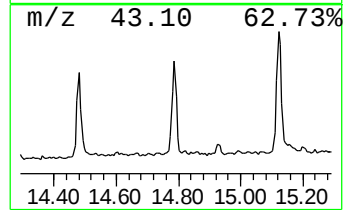
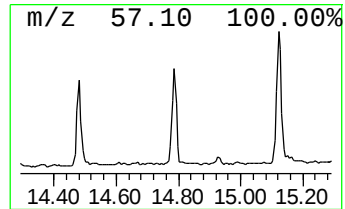
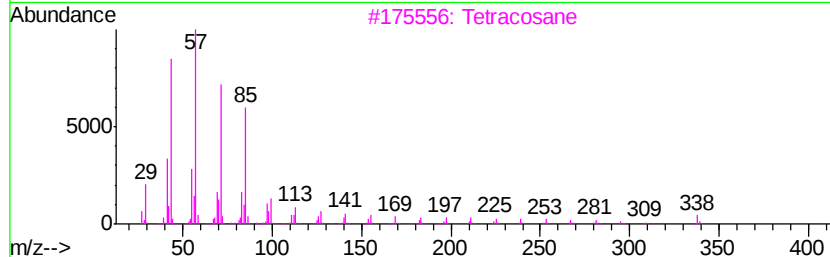
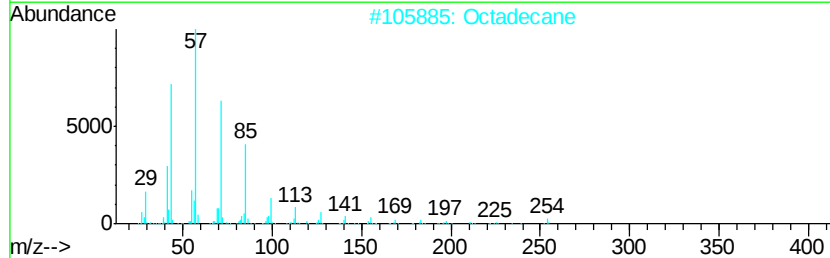
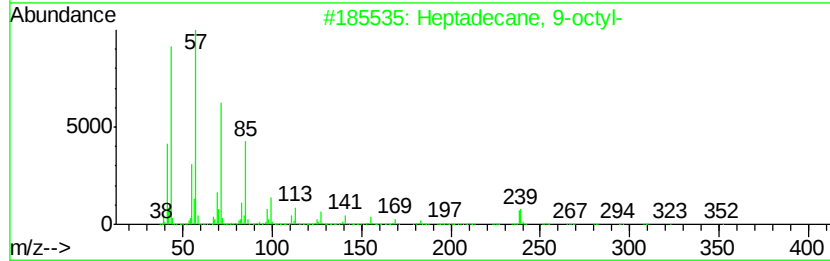
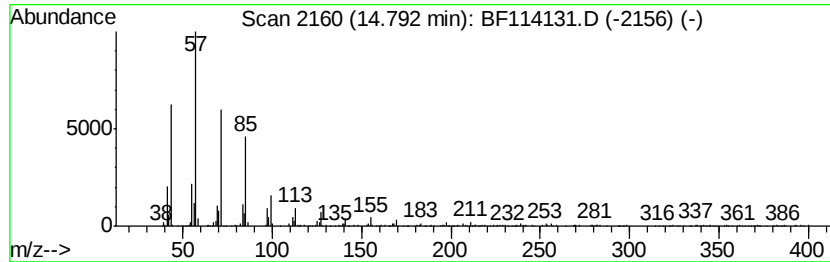
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	7.23 ng	629145	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Octadecane	254	C18H38	000593-45-3	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Behenyl chloride	344	C22H45Cl	042217-03-8	91
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114131.D
Acq On : 10 May 2019 20:08
Operator : JU/SJ
Sample : K2762-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01

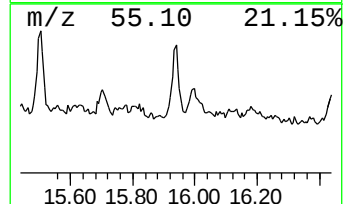
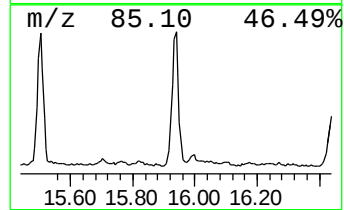
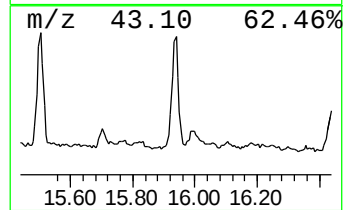
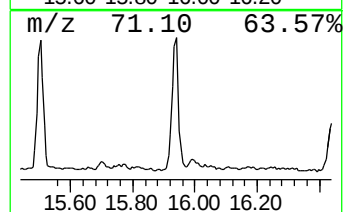
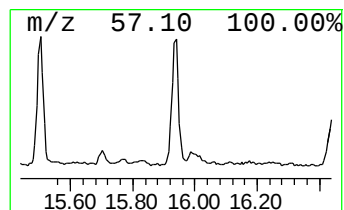
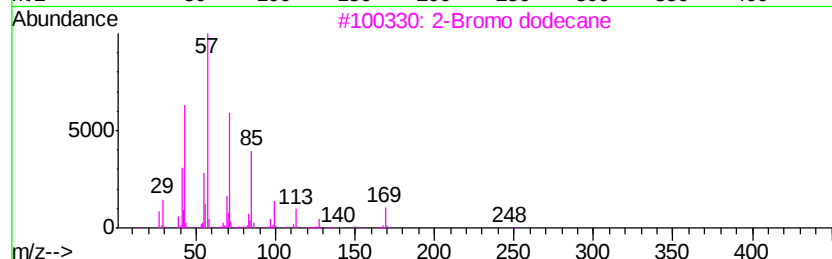
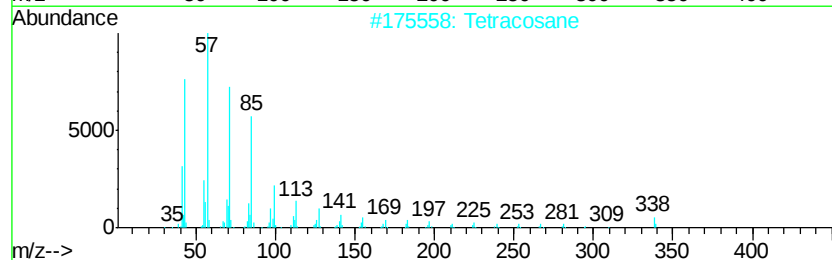
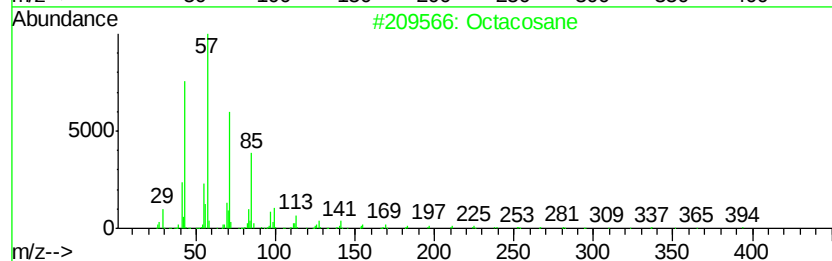
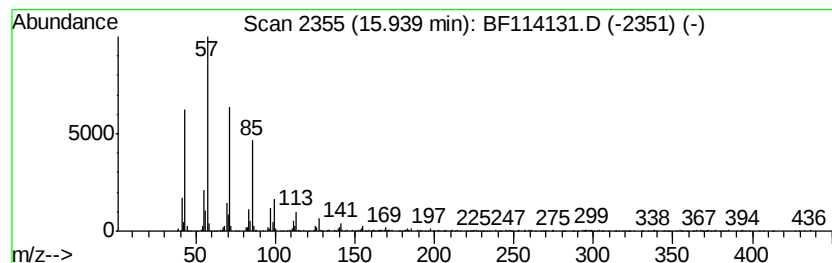
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.50 ng	827046	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	99
2		Tetracosane	338	C24H50	000646-31-1	94
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114131.D
Acq On : 10 May 2019 20:08
Operator : JU/SJ
Sample : K2762-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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unknown6.63	6.63	63.6	ng	7125750	1	6.85	2240850	20.0
n-Hexadecanoic acid	11.90	13.0	ng	1522240	4	11.37	2345450	20.0
Octadecanoic acid	12.68	5.5	ng	647956	4	11.37	2345450	20.0
Cyclodocosane, et...	13.84	9.3	ng	1005070	5	14.00	2156890	20.0
Heptacosane	14.17	2.7	ng	288914	5	14.00	2156890	20.0
Octadecane	14.48	6.6	ng	712427	5	14.00	2156890	20.0
Heptadecane, 9-oc...	14.79	7.2	ng	629145	6	15.47	1740790	20.0
Octacosane	15.94	9.5	ng	827046	6	15.47	1740790	20.0