

Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
 Data File : BF102495.D
 Acq On : 27 Jan 2018 4:47
 Operator : SJ/JU
 Sample : J1264-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-09

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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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	2.246	25	27	38	rVB8	26316	52100	1.16%	0.173%
2	3.622	256	261	267	rVB2	31232	49988	1.12%	0.166%
3	4.381	385	390	396	rBV	215493	255825	5.72%	0.849%
4	4.898	475	478	486	rBV	58867	65557	1.47%	0.217%
5	5.328	547	551	564	rBV	1248583	1283418	28.69%	4.258%
6	6.363	723	727	745	rBV	1240014	1416599	31.67%	4.700%
7	6.492	745	749	756	rVV	2549551	2503805	55.97%	8.307%
8	6.551	757	759	769	rVB2	43565	79059	1.77%	0.262%
9	6.716	784	787	797	rBV	1075456	1052298	23.52%	3.491%
10	6.792	797	800	810	rVB	57424	71250	1.59%	0.236%
11	6.875	810	814	817	rBV	3671385	3410506	76.24%	11.315%
12	7.286	879	884	887	rBV	2378751	2312941	51.70%	7.674%
13	7.439	905	910	912	rBV5	35270	47515	1.06%	0.158%
14	7.539	920	927	939	rVB2	129453	185808	4.15%	0.616%
15	7.739	957	961	966	rBV	61786	98010	2.19%	0.325%
16	7.845	969	979	986	rVV2	129791	309045	6.91%	1.025%
17	7.957	989	998	1000	rVV4	186702	410586	9.18%	1.362%
18	8.004	1000	1006	1010	rVV	1419758	1887897	42.20%	6.263%
19	8.051	1010	1014	1019	rVB	308716	372213	8.32%	1.235%
20	8.151	1024	1031	1034	rBV2	398015	602622	13.47%	1.999%
21	8.180	1034	1036	1040	rVB2	129063	109201	2.44%	0.362%
22	8.228	1040	1044	1045	rBV3	75607	78919	1.76%	0.262%
23	8.292	1052	1055	1058	rVB3	58940	57793	1.29%	0.192%
24	8.404	1063	1074	1076	rBV2	252662	444065	9.93%	1.473%
25	8.445	1080	1081	1083	rVB	114363	69871	1.56%	0.232%
26	9.080	1184	1189	1192	rBV	4804665	4473478	100.00%	14.842%
27	9.192	1204	1208	1213	rVB2	34836	49078	1.10%	0.163%
28	9.475	1251	1256	1258	rBV	98508	96316	2.15%	0.320%
29	9.680	1288	1291	1294	rBV	90246	77181	1.73%	0.256%
30	9.722	1294	1298	1300	rBV2	50630	56851	1.27%	0.189%
31	9.757	1300	1304	1311	rVB	1220418	1162653	25.99%	3.857%
32	10.180	1372	1376	1379	rVB2	105360	93338	2.09%	0.310%
33	10.545	1435	1438	1448	rBV	1220005	1229494	27.48%	4.079%
34	10.651	1453	1456	1466	rVB2	76874	124123	2.77%	0.412%

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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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.239	1553	1556	1565	rBV	924857	892525	19.95%	2.961%
36	12.827	1822	1826	1830	rBV	2944337	3009993	67.29%	9.986%
37	13.733	1976	1980	1988	rBV2	89300	151316	3.38%	0.502%
38	13.886	2002	2006	2016	rVB	761686	810705	18.12%	2.690%
39	15.315	2245	2249	2259	rVB	441314	606657	13.56%	2.013%
40	15.727	2317	2319	2325	rVB3	61037	80826	1.81%	0.268%

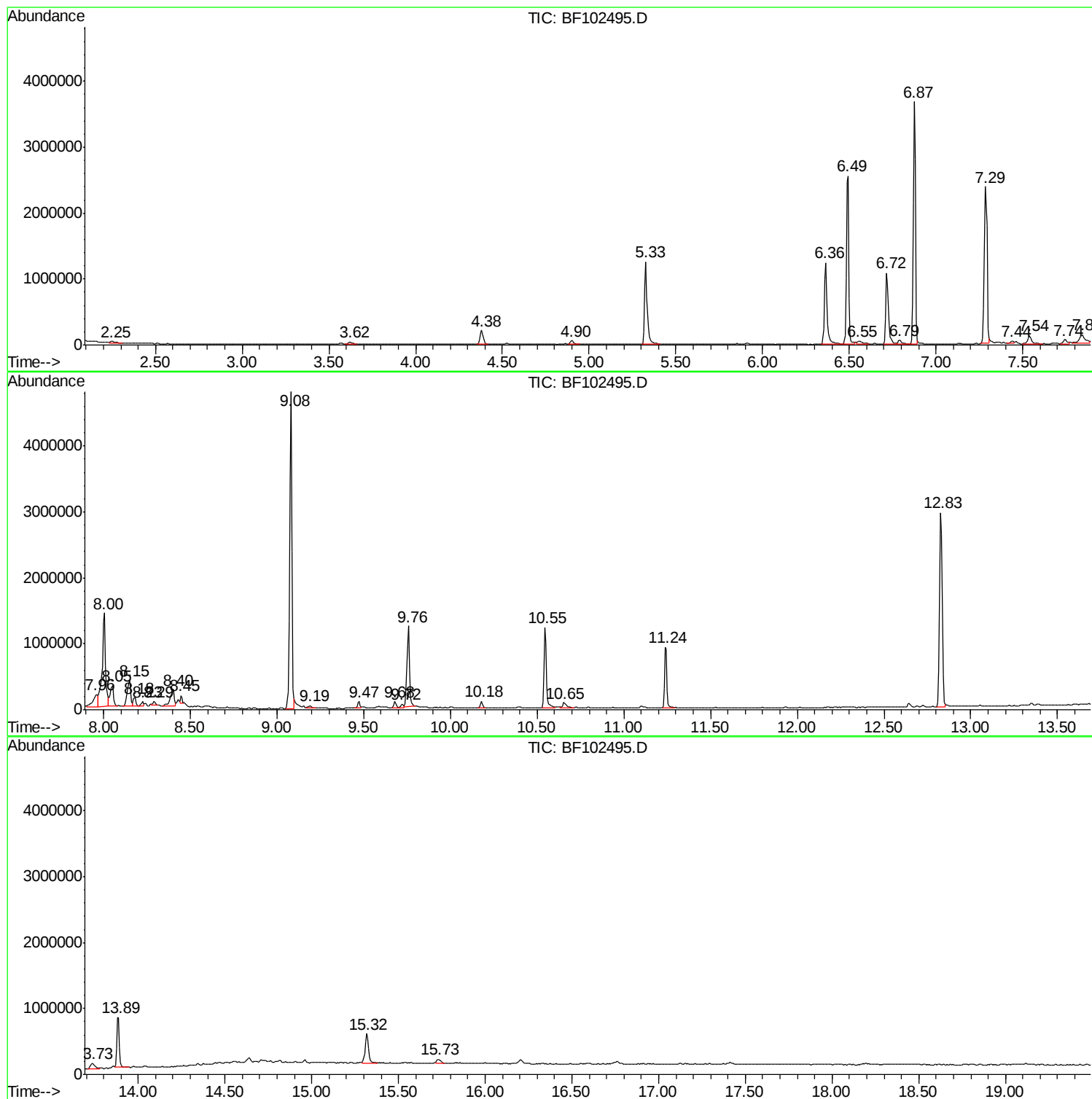
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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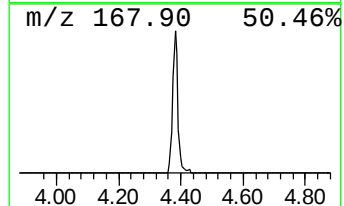
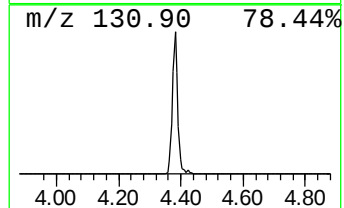
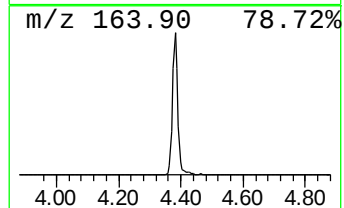
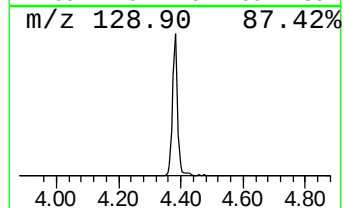
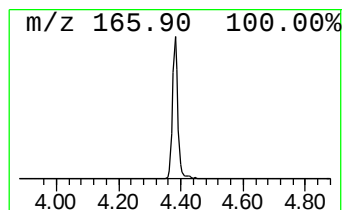
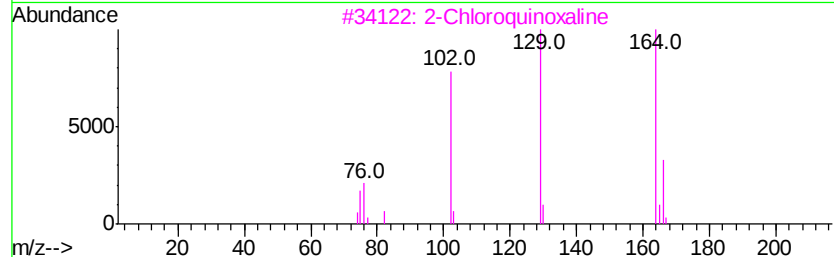
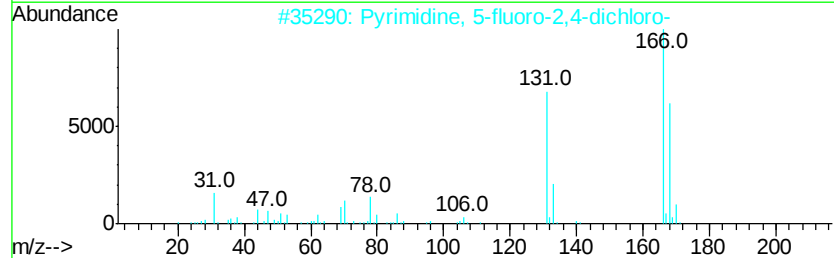
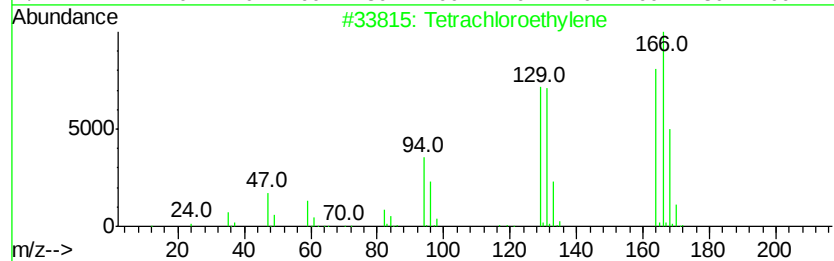
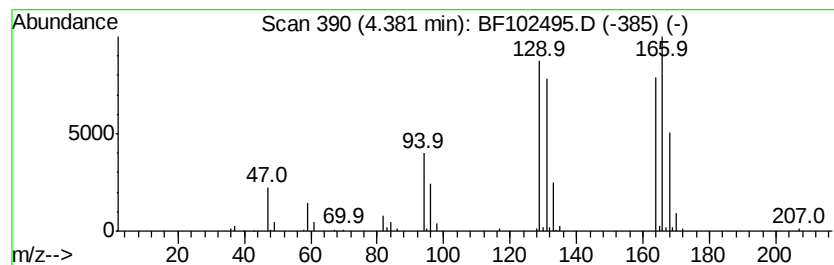
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	4.86 ng	255825	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
2		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25
3		2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	12
4		4,6-Dichloro-2-fluoropyrimidine	166	C4HCl2FN2	003824-45-1	10
5		5-Methylthio-1,3,4-thiadiazole-2...	164	C3H4N2S3	006264-40-0	9



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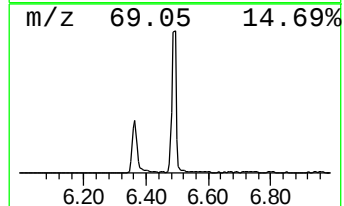
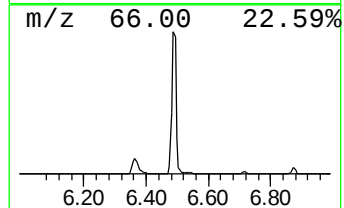
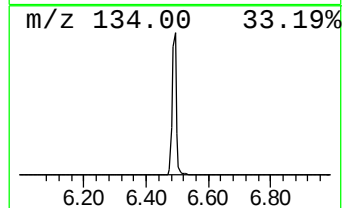
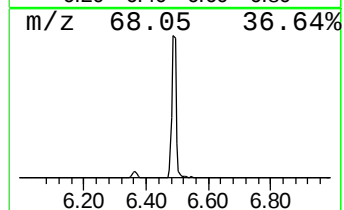
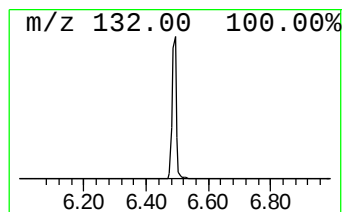
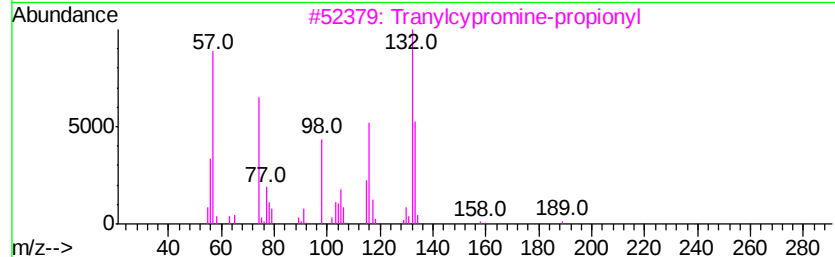
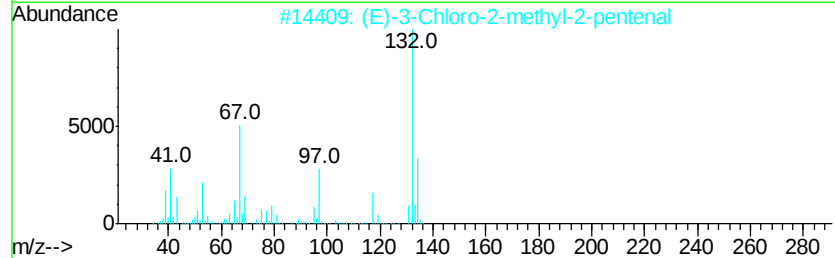
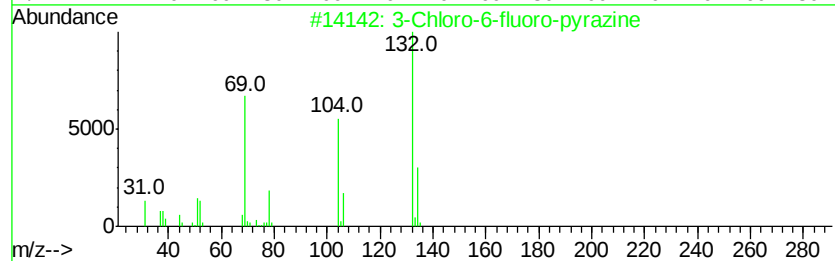
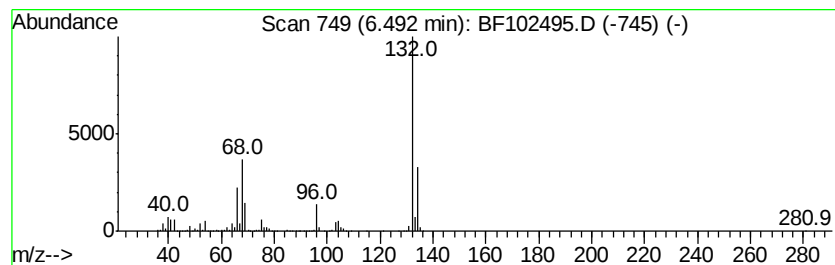
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	47.59 ng	2503810	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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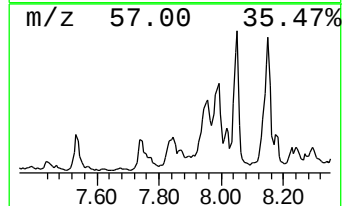
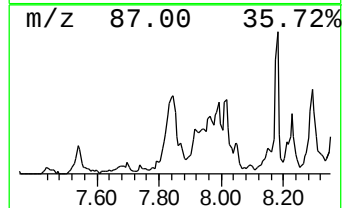
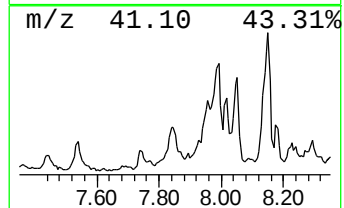
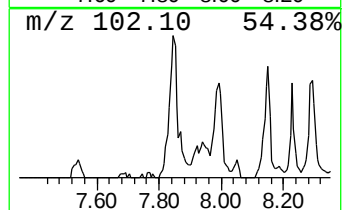
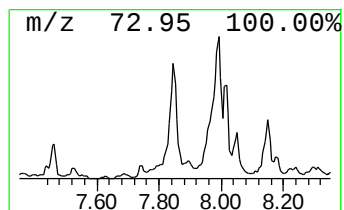
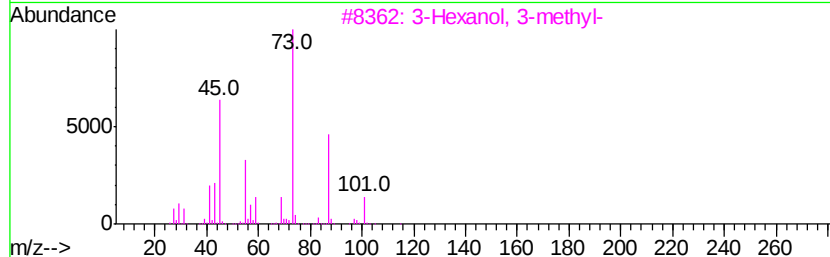
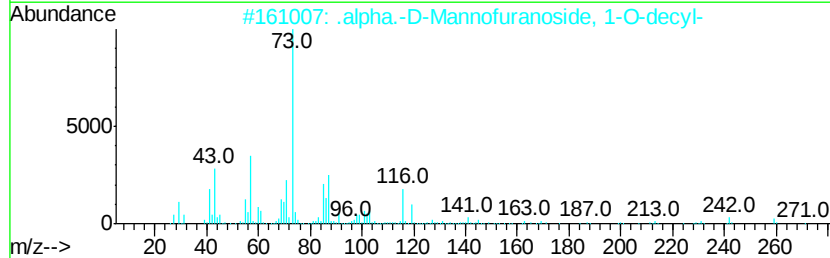
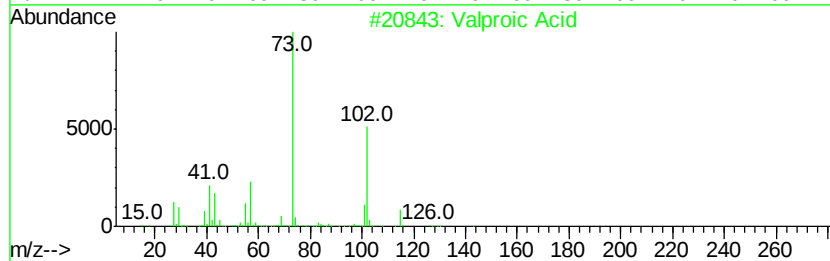
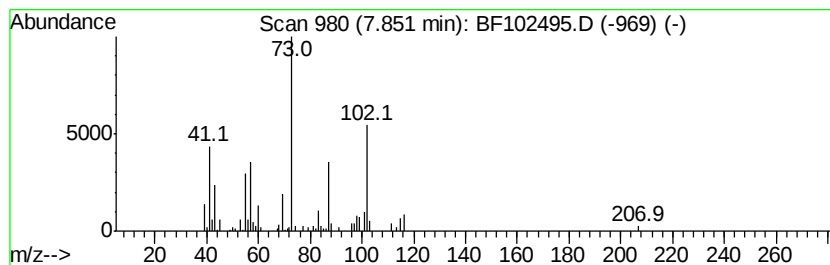
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.85 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	3.27 ng	309045	Napthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Valproic Acid	144	C8H16O2	000099-66-1	38
2		.alpha.-D-Mannofuranoside, 1-O-d...	320	C16H32O6	1000160-04-7	28
3		3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	16
4		3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	12
5		.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	12



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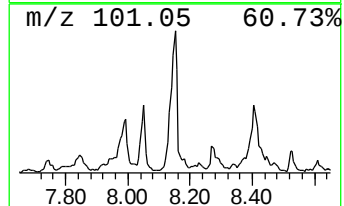
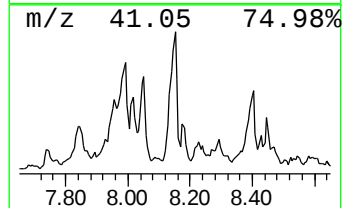
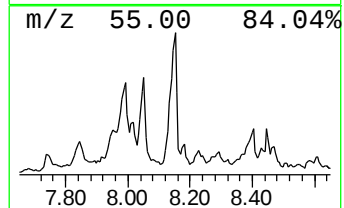
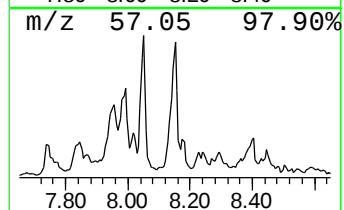
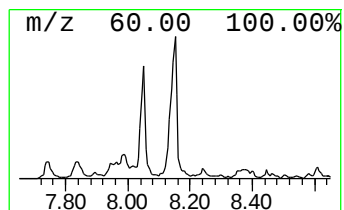
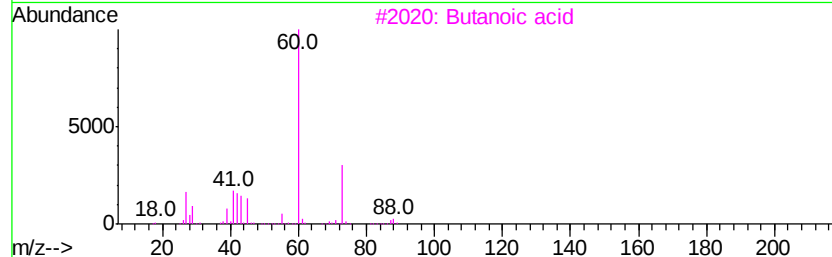
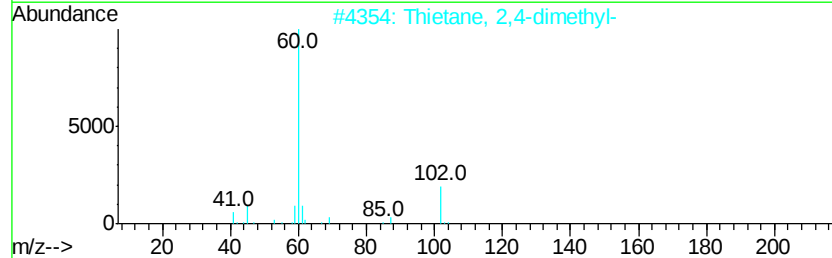
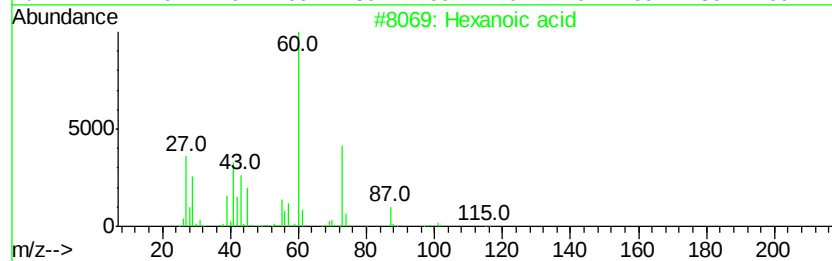
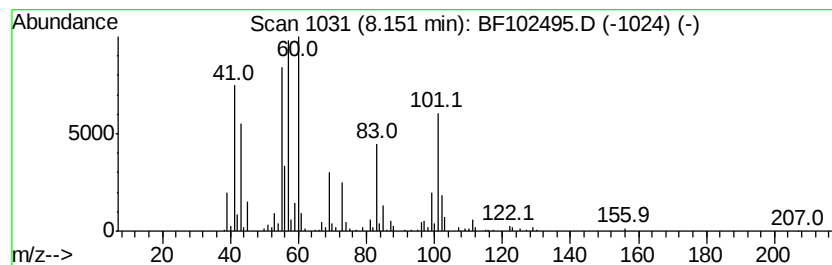
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown8.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	6.38 ng	602622	Naphthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexanoic acid	116	C6H12O2	000142-62-1	35
2		Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	27
3		Butanoic acid	88	C4H8O2	000107-92-6	27
4		Cyclobutanecarboxylic acid, hept...	198	C12H22O2	1000280-40-4	22
5		Cyclopentaneacetic acid	128	C7H12O2	001123-00-8	16



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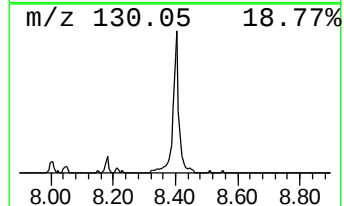
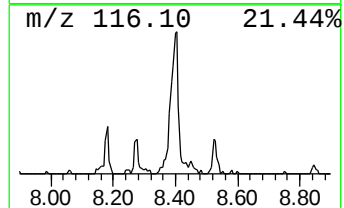
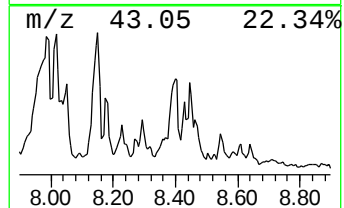
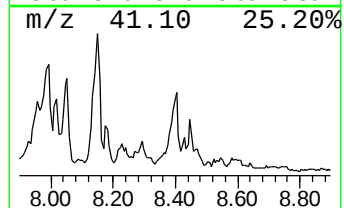
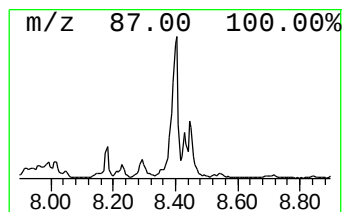
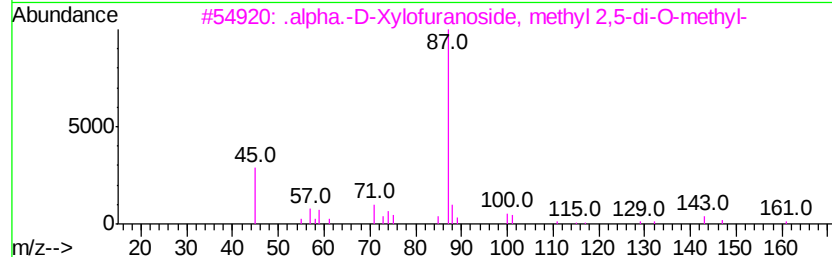
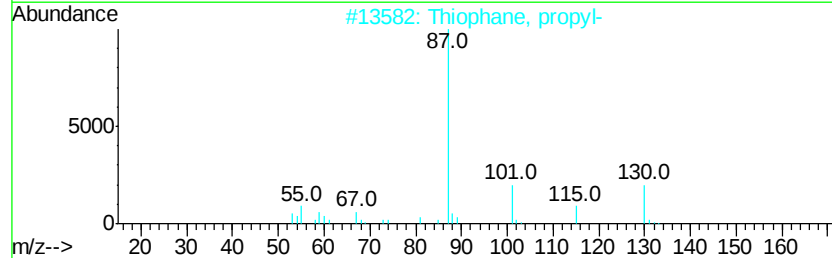
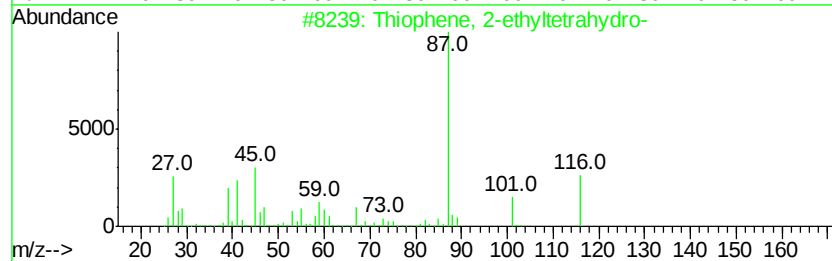
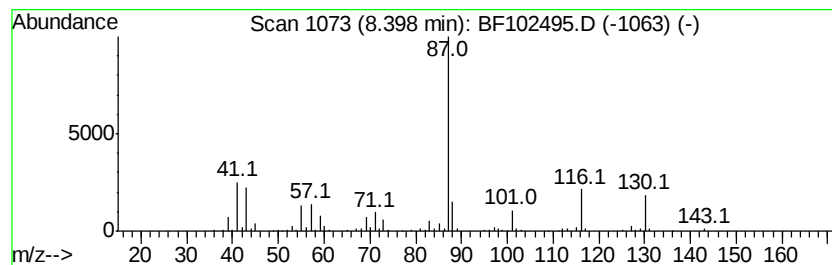
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Thiophene, 2-ethyltetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.40	4.70 ng	444065	Naphthalene-d8	8.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	59
2	Thiophane, propyl-	130	C7H14S	001551-34-4	58
3	.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	035007-52-4	50
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	42
5	Pentanoic acid, 2-propyl-, methy...	158	C9H18O2	022632-59-3	42



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102495.D
Acq On : 27 Jan 2018 4:47
Operator : SJ/JU
Sample : J1264-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-AVE-09

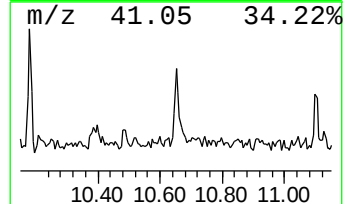
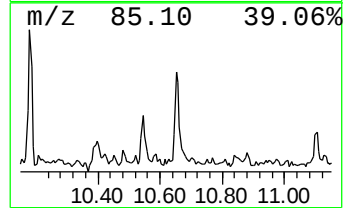
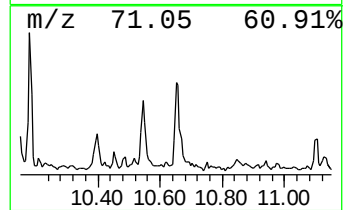
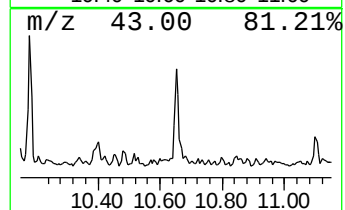
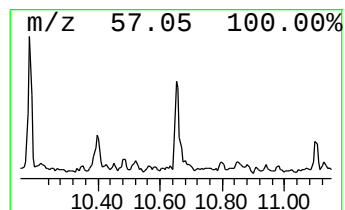
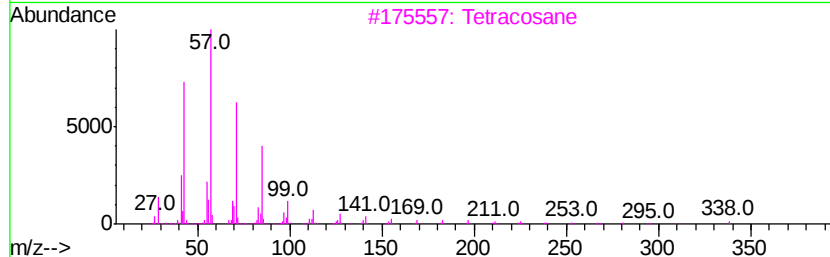
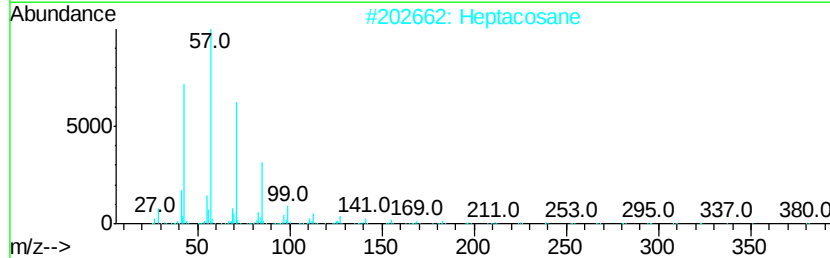
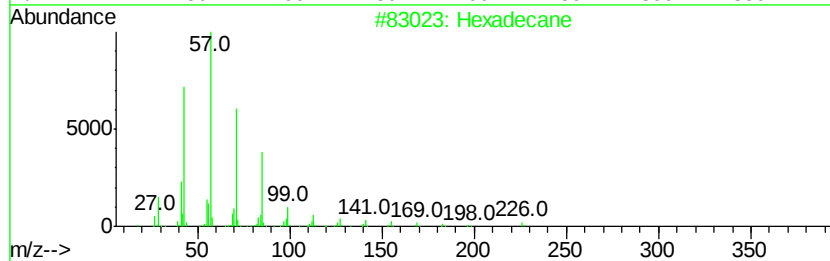
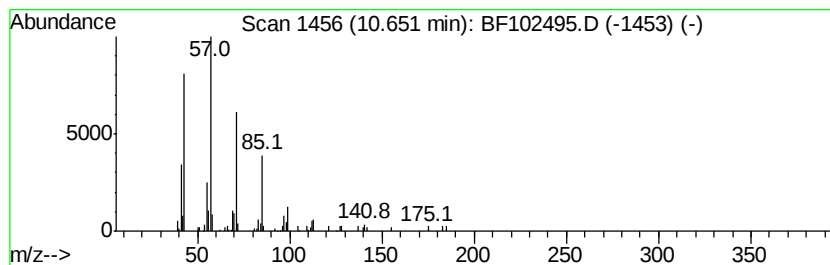
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.65	2.78 ng	124123	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
Data File : BF102495.D
Acq On : 27 Jan 2018 4:47
Operator : SJ/JU
Sample : J1264-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

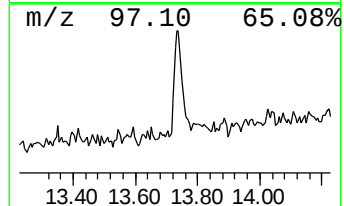
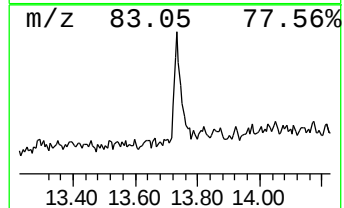
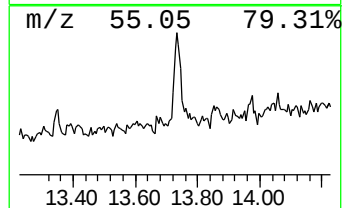
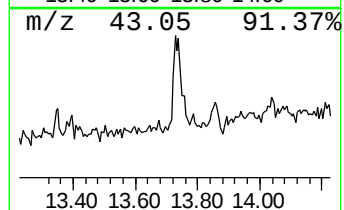
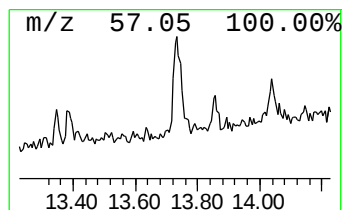
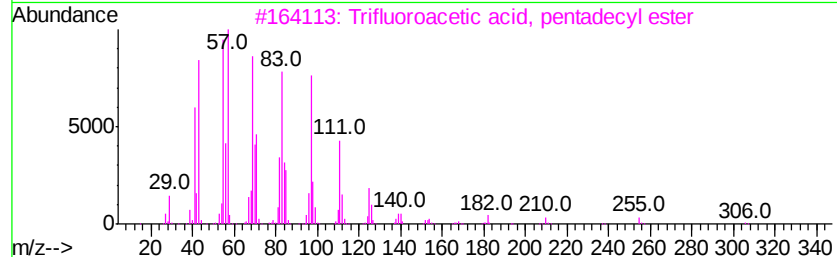
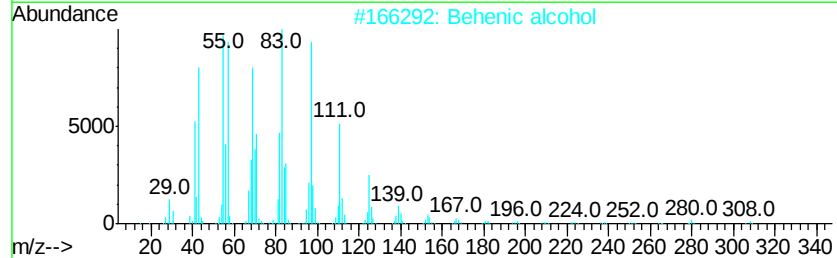
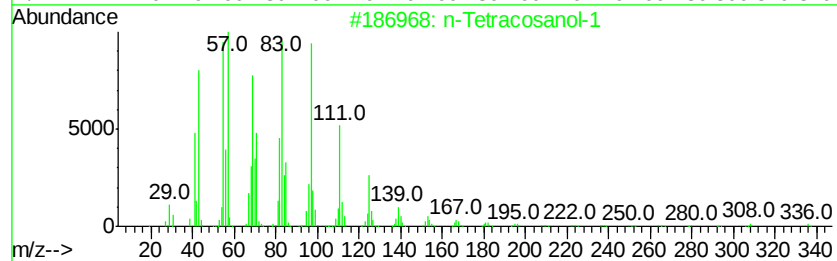
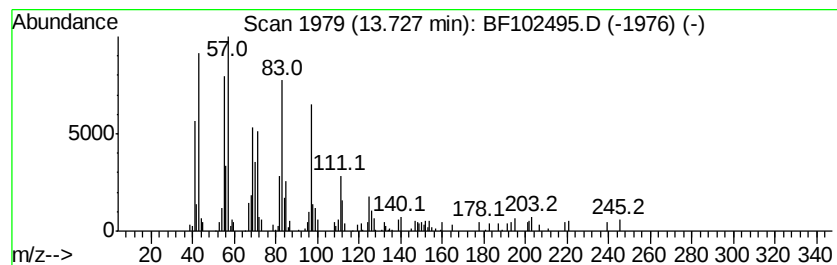
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.73	3.73 ng	151316	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93



Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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Sample : J1264-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

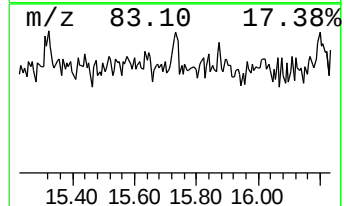
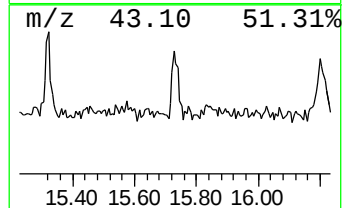
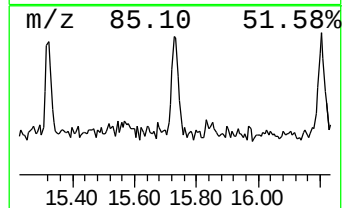
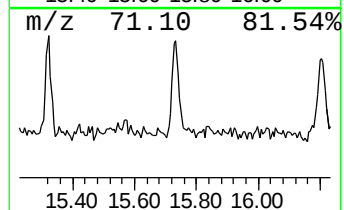
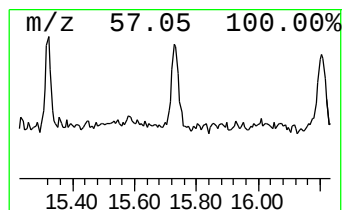
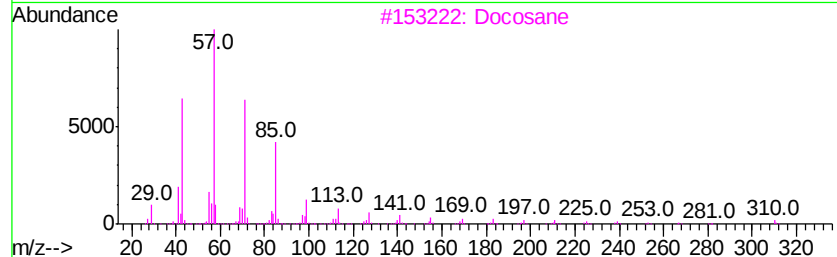
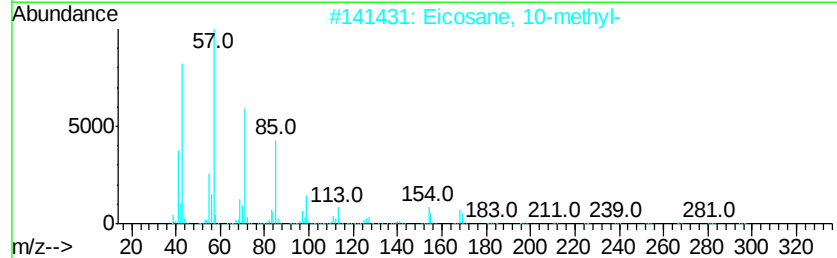
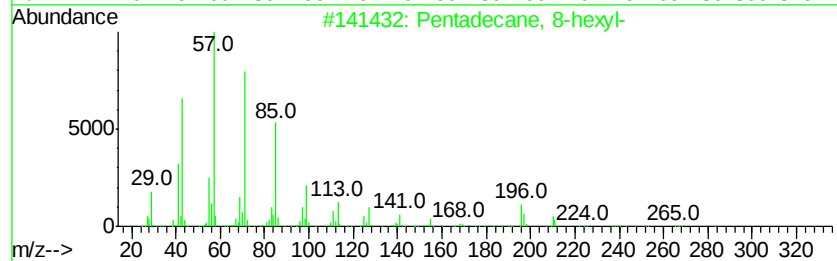
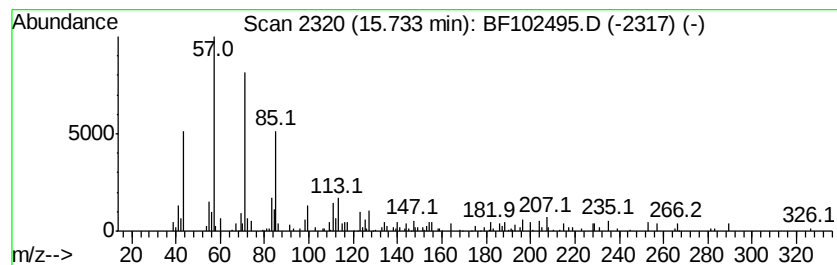
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.73	2.66 ng	80826	Perylene-d12		15.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
3	Docosane	310	C22H46	000629-97-0	59
4	Tetratetracontane	619	C44H90	007098-22-8	59
5	Octadecane	254	C18H38	000593-45-3	59



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
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Operator : SJ/JU
Sample : J1264-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-AVE-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
Tetrachloroethylene	4.38	4.9	ng	255825	1	6.72	1052300	20.0
unknown6.49	6.49	47.6	ng	2503810	1	6.72	1052300	20.0
unknown7.85	7.85	3.3	ng	309045	2	8.00	1887900	20.0
unknown8.15	8.15	6.4	ng	602622	2	8.00	1887900	20.0
Thiophene, 2-ethy...	8.40	4.7	ng	444065	2	8.00	1887900	20.0
Hexadecane	10.65	2.8	ng	124123	4	11.24	892525	20.0
n-Tetracosanol-1	13.73	3.7	ng	151316	5	13.89	810705	20.0
Pentadecane, 8-he...	15.73	2.7	ng	80826	6	15.32	606657	20.0