LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
Data File : BF129980.D
Acq On : 24 Aug 2022 19:46
Operator : CG\JU
Sample : N4244-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	454	457	467	rBV	290524	341076	7.91%	1.623%
2	5.052	467	470	483	rVB	187819	209038	4.85%	0.995%
3	5.405	527	530	556	rBV	1343156	1504069	34.90%	7.156%
4	6.428	701	704	717	rBV	780298	883487	20.50%	4.203%
5	6.763	758	761	768	rBV	805565	687357	15.95%	3.270%
6	7.340	854	859	862	rBV	2467731	2360888	54.78%	11.232%
7	8.046	976	979	983	rBV	1143657	911208	21.14%	4.335%
8	9.122	1157	1162	1165	rBV	5280238	4309877	100.00%	20.504%
9	9.798	1274	1277	1281	rVB	1180596	974966	22.62%	4.638%
10	10.181	1339	1342	1346	rBV	330485	271550	6.30%	1.292%
11	10.598	1409	1413	1416	rBV	3034142	2538499	58.90%	12.077%
12	11.292	1527	1531	1534	rBV	952320	879788	20.41%	4.186%
13	12.733	1772	1776	1780	rBV2	32506	52185	1.21%	0.248%
14	12.769	1780	1782	1791	rVB	98293	128851	2.99%	0.613%
15	12.875	1796	1800	1803	rBV	3696747	3026748	70.23%	14.400%
16	13.786	1951	1955	1965	rVB4	58955	123989	2.88%	0.590%
17	13.898	1970	1974	1977	rBV	106538	106446	2.47%	0.506%
18	13.939	1977	1981	1991	rVB	652084	625240	14.51%	2.975%
19	14.027	1991	1996	2000	rBV	126218	147794	3.43%	0.703%
20	14.486	2071	2074	2081	rVB2	146546	137027	3.18%	0.652%
21	14.992	2158	2160	2165	rVB	45620	55588	1.29%	0.264%
22	15.386	2223	2227	2234	rVB	515620	613255	14.23%	2.918%
23	15.663	2271	2274	2280	rVB3	50560	71488	1.66%	0.340%
24	16.280	2376	2379	2385	rBV2	38475	58791	1.36%	0.280%

Sum of corrected areas: 21019205

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Misc :
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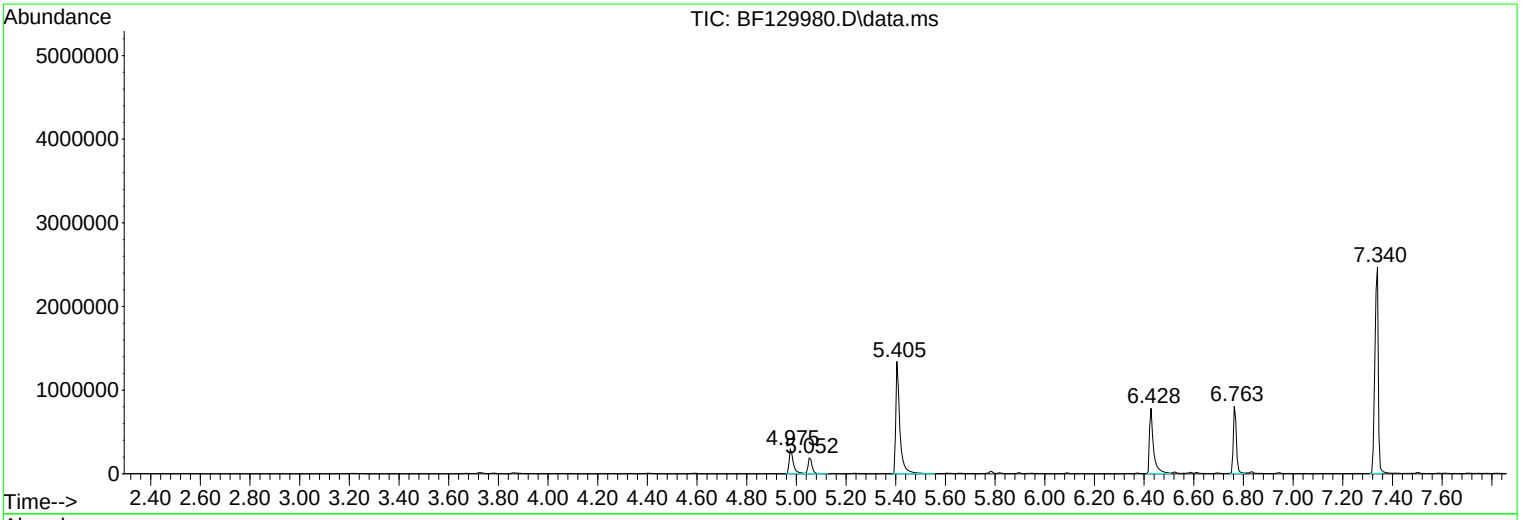
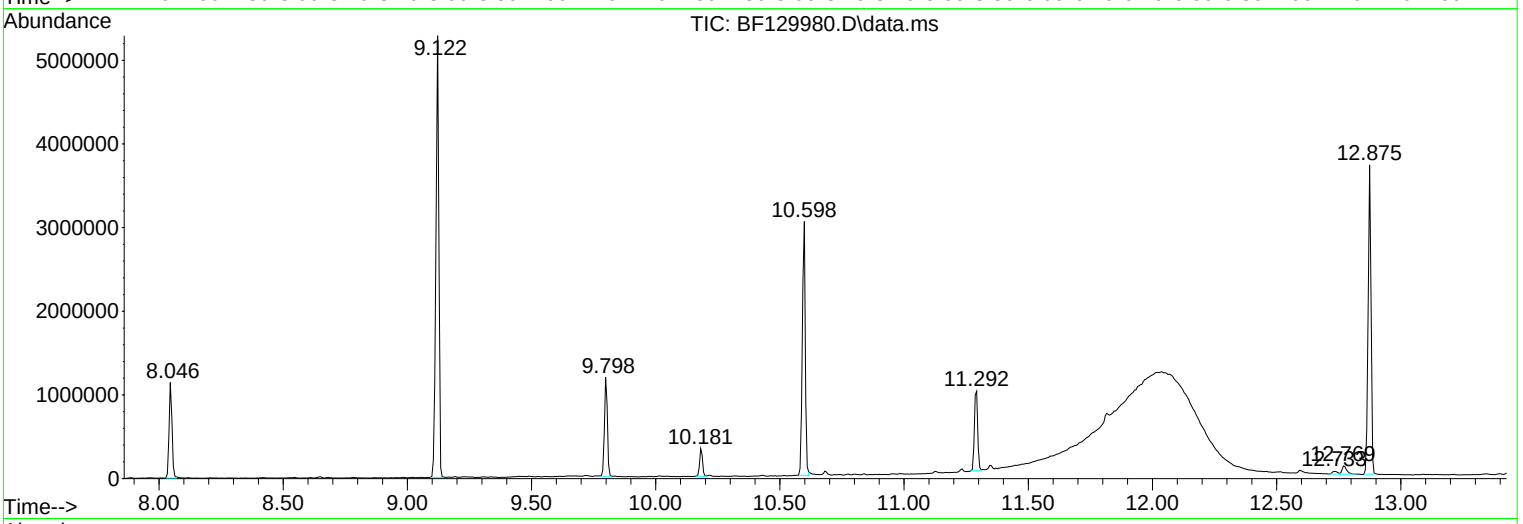
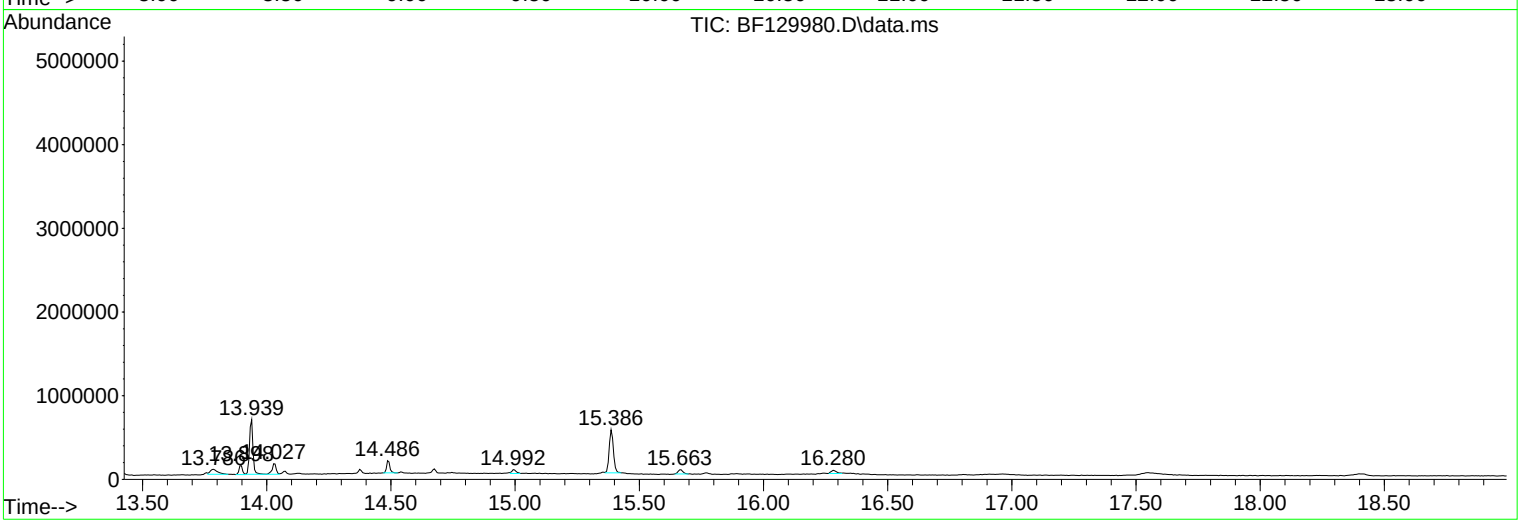
Instrument :
BNA_F
ClientSampleId :
MW-105S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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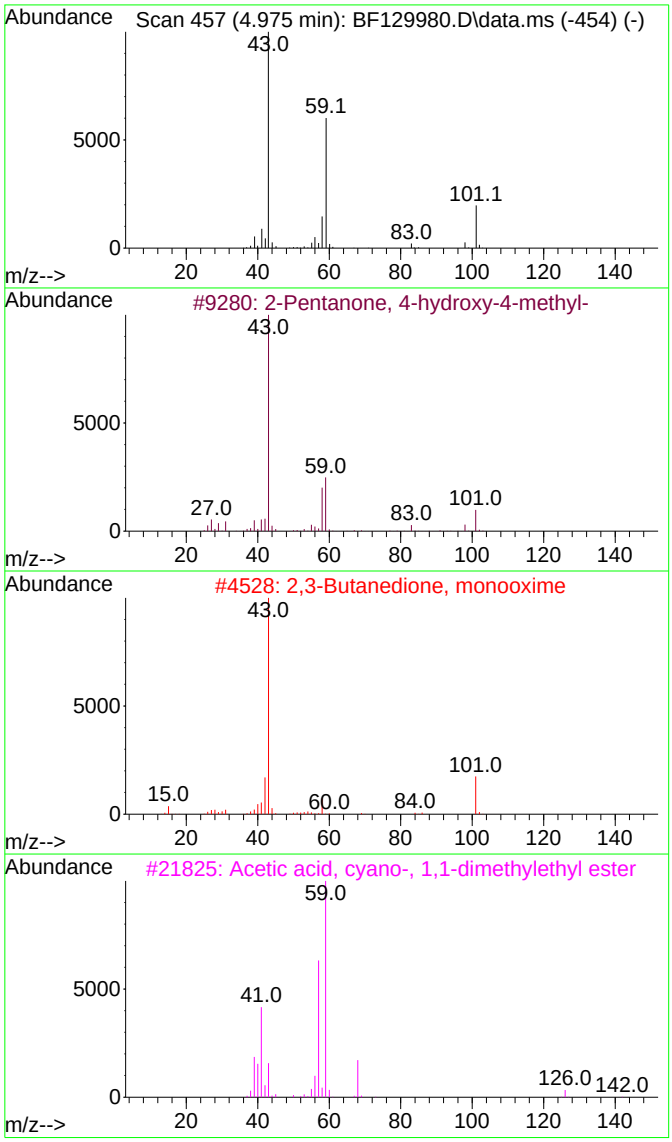
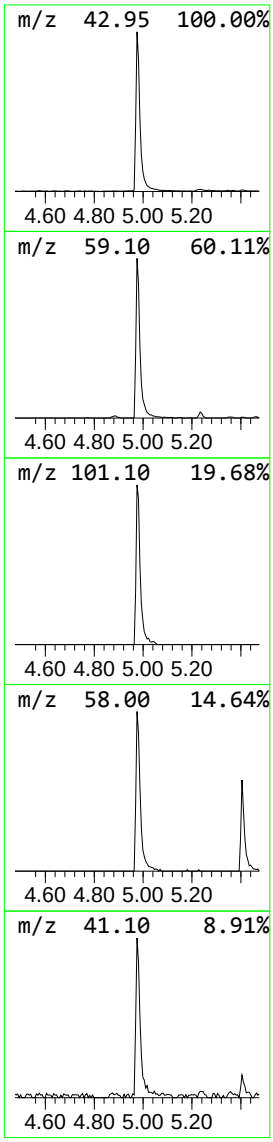
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	9.92 ng	341076	1,4-Dichlorobenzene-d4	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Operator : CG\JU
Sample : N4244-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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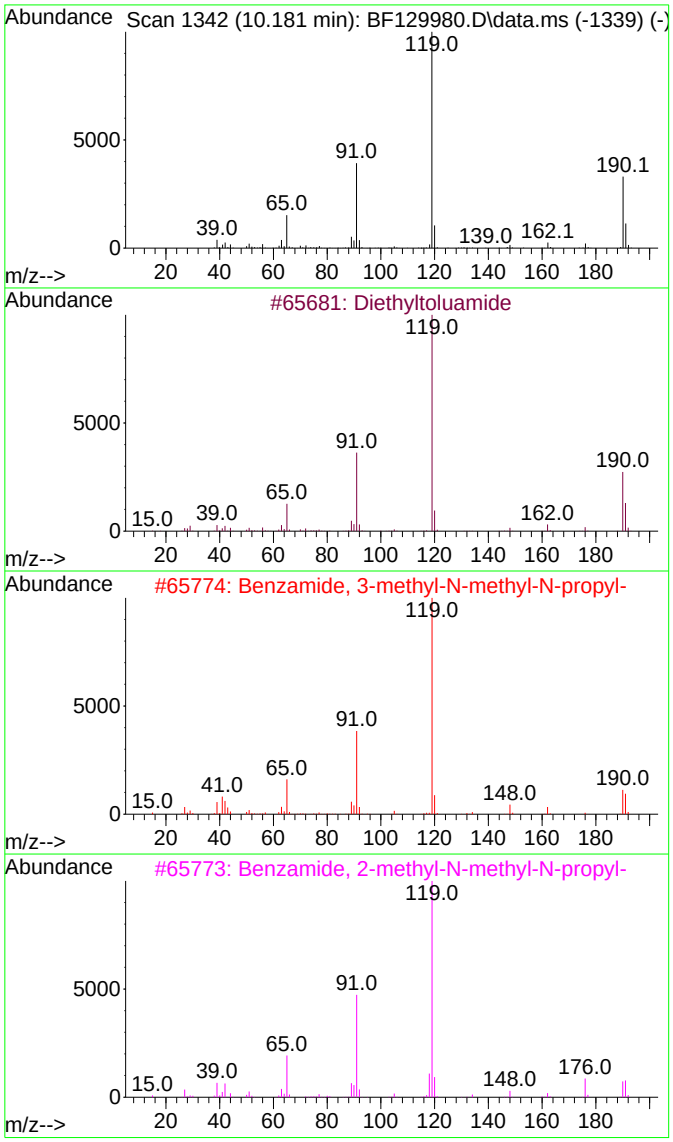
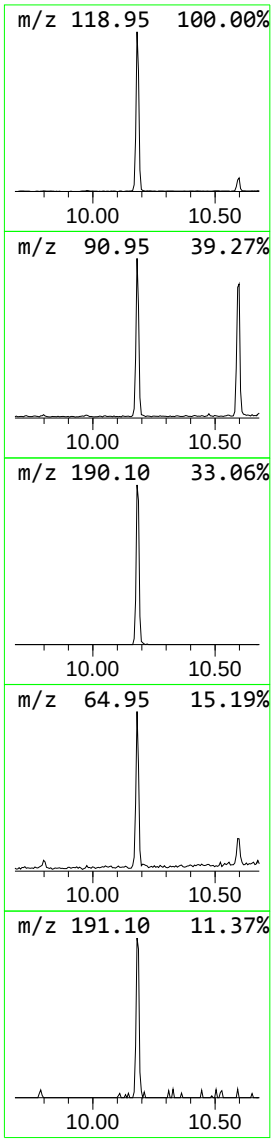
Peak Number 3 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	5.57 ng	271550	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	90
3	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	87
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	83





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Data File : BF129980.D
Acq On : 24 Aug 2022 19:46
Operator : CG\JU
Sample : N4244-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-105S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

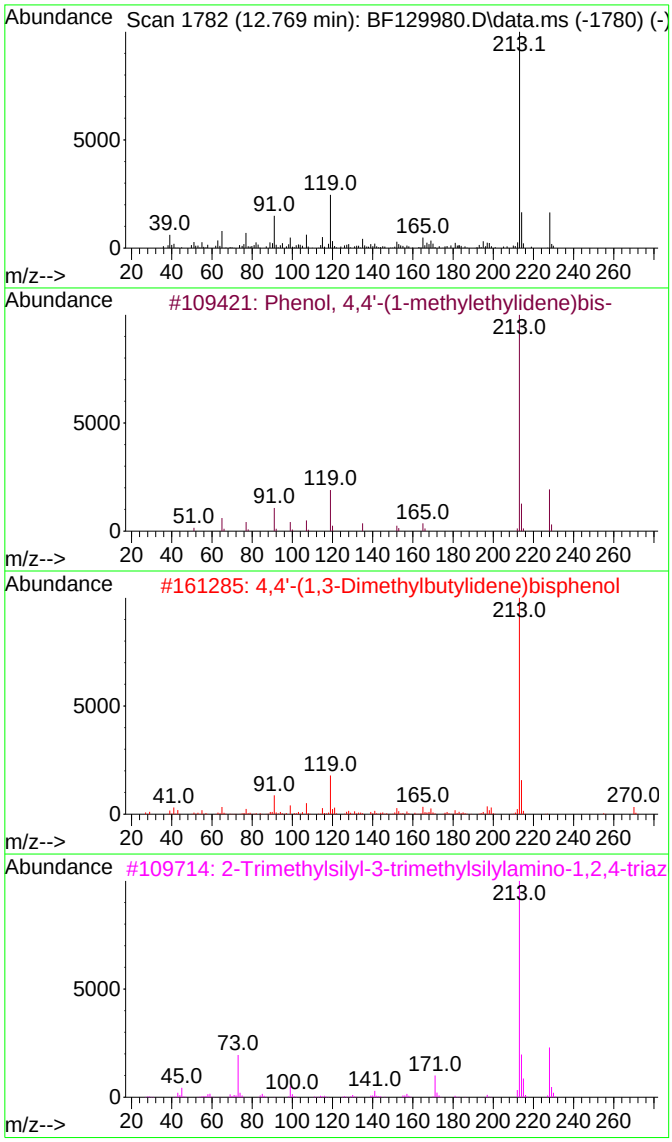
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

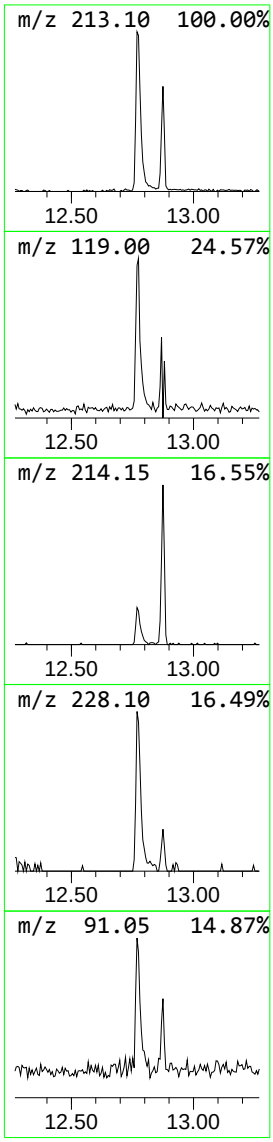
****

Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.769	4.12 ng	128851	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	80
3	2-Trimethylsilyl-3-trimethylsily...	228	C8H20N4Si2	1000373-05-5	64
4	Diphenolic acid	286	C17H18O4	000126-00-1	64
5	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	58





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Sample : N4244-03
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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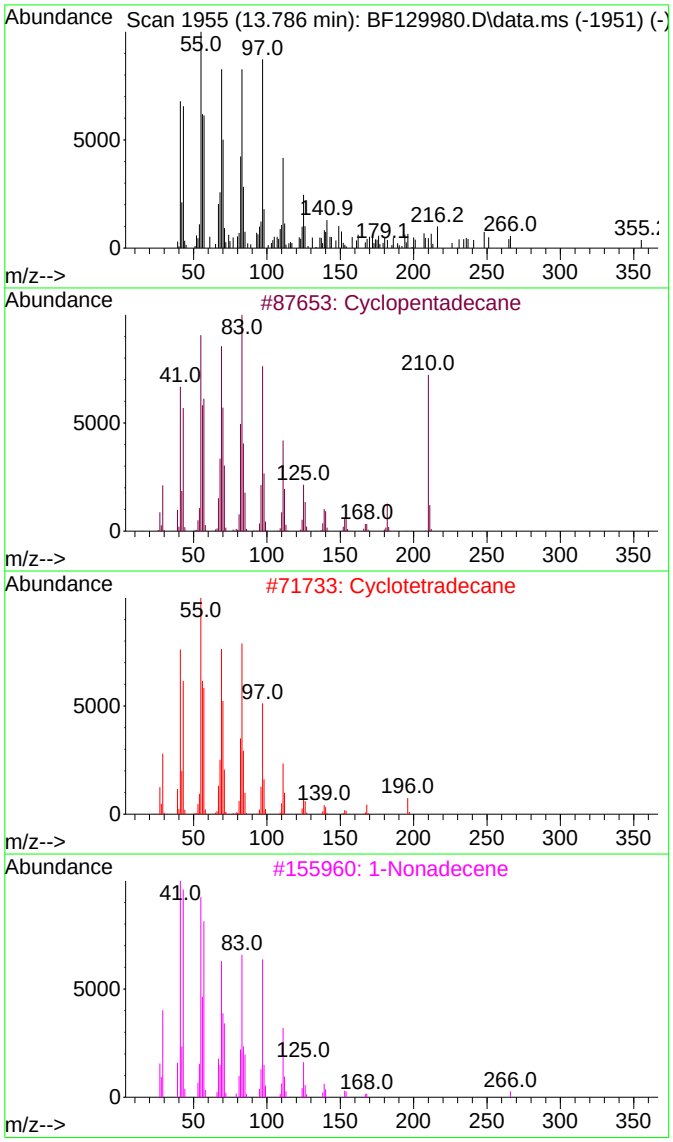
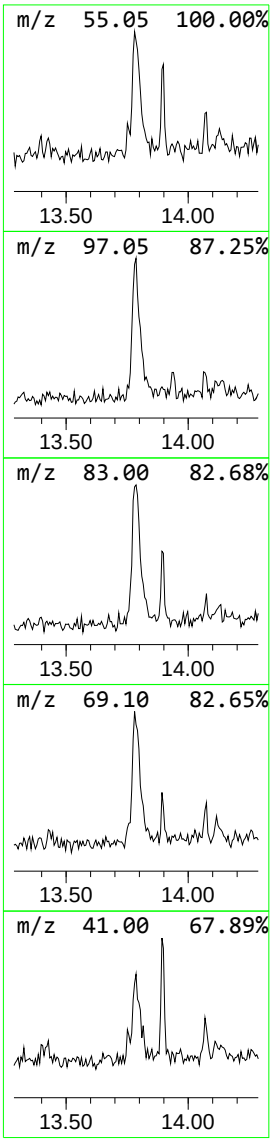
Peak Number 5 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	3.97 ng	123989	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	1-Nonadecene	266	C19H38	018435-45-5	93
4	Cyclododecane	168	C12H24	000294-62-2	91
5	1-Tetracosene	336	C24H48	010192-32-2	87





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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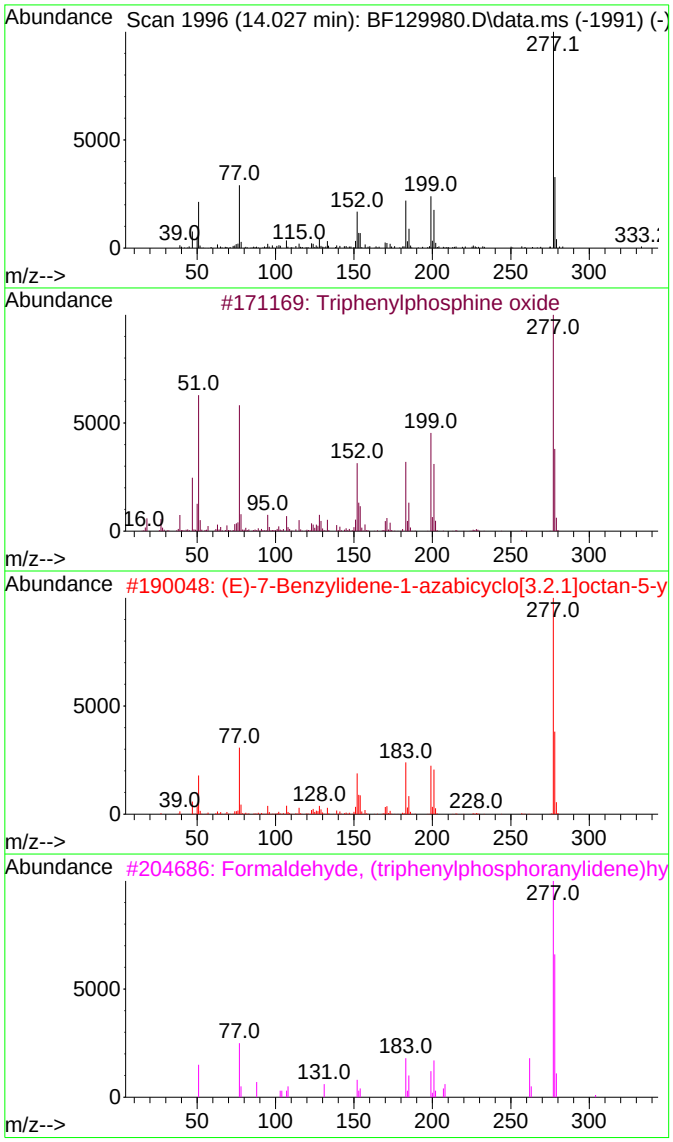
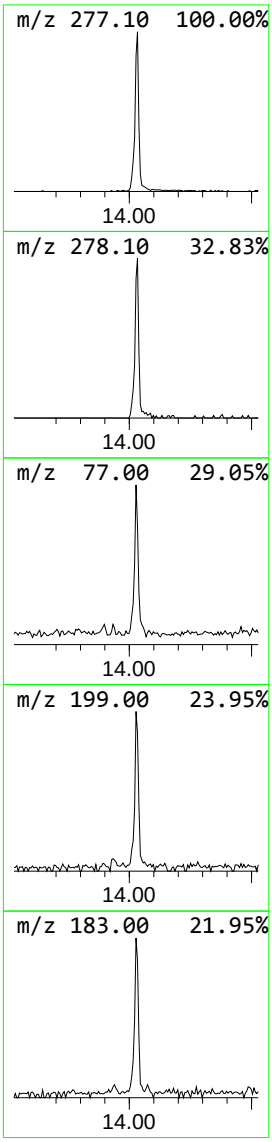
Peak Number 6 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.028	4.73 ng	147794	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	80
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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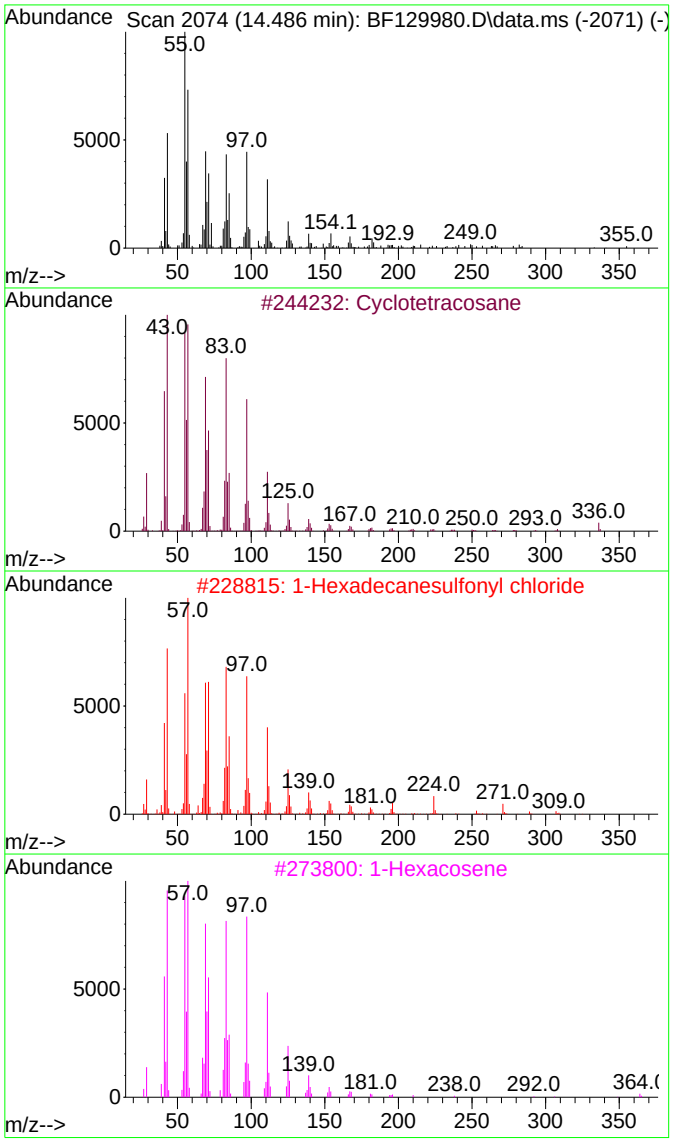
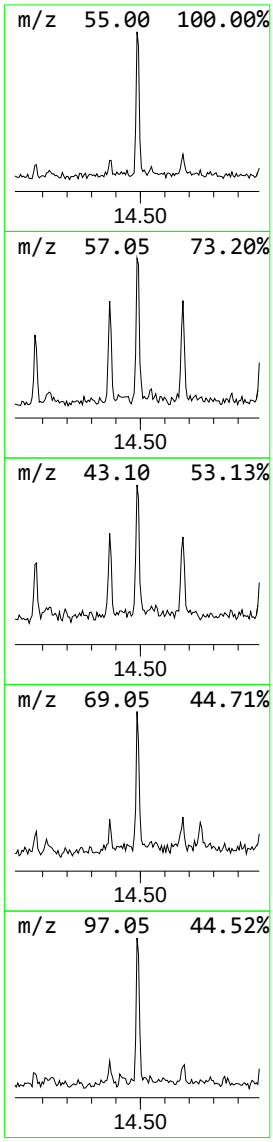
Peak Number 7 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	4.38 ng	137027	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	87
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	81
3	1-Hexacosene	364	C26H52	018835-33-1	76
4	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	74
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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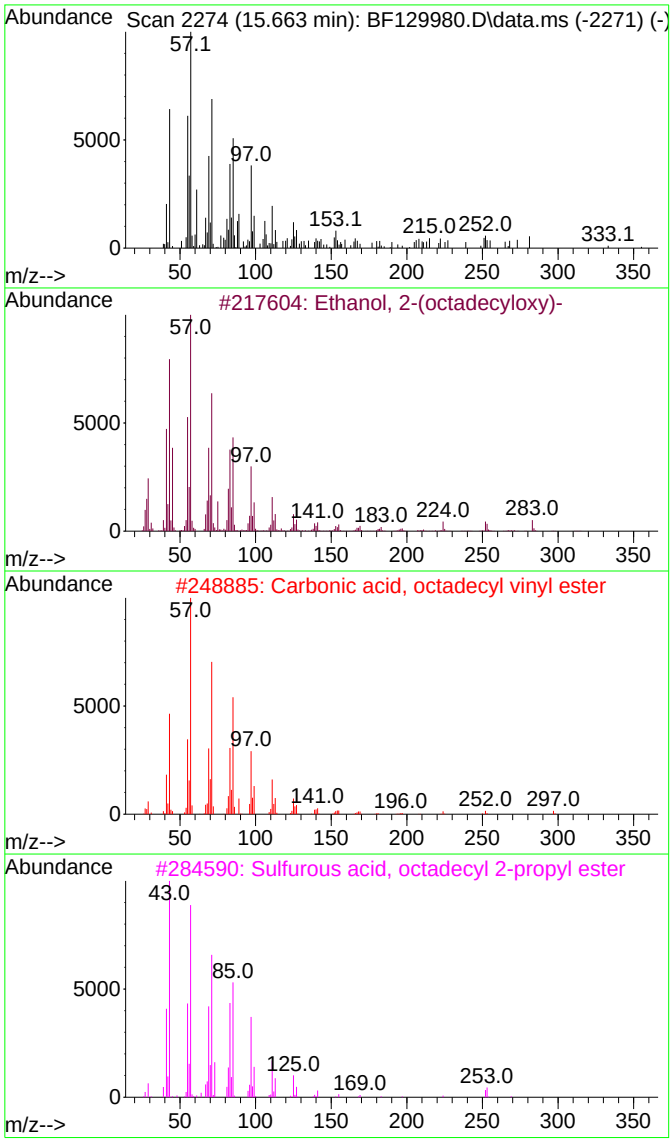
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

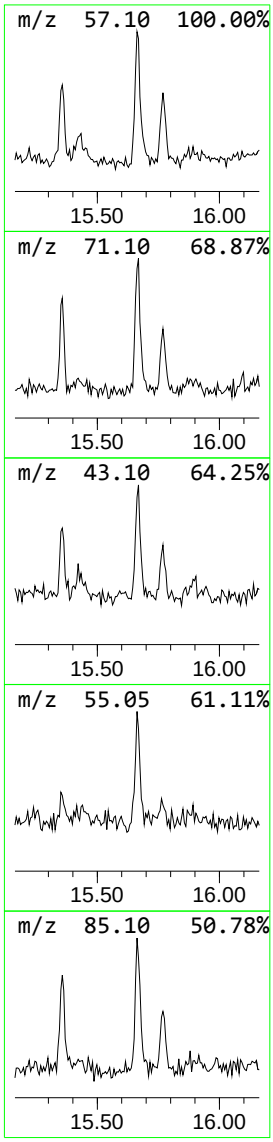
****

Peak Number 8 Ethanol, 2-(octadecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	2.33 ng	71488	Perylene-d12	15.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	80
2	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	72
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	72
4	Isobutyl hexadecyl ether	298	C20H42O	1000406-32-8	72
5	Hexacosyl isobutyl ether	438	C30H62O	1000406-33-3	72





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.975	9.9	ng	341076	1	6.763	687357	20.0
Diethyltoluamide	10.181	5.6	ng	271550	3	9.798	974966	20.0
Phenol, 4,4'-(1...	12.769	4.1	ng	128851	5	13.939	625240	20.0
Cyclopentadecane	13.786	4.0	ng	123989	5	13.939	625240	20.0
Triphenylphosph...	14.028	4.7	ng	147794	5	13.939	625240	20.0
Cyclotetracosane	14.486	4.4	ng	137027	5	13.939	625240	20.0
Ethanol, 2-(oct...	15.663	2.3	ng	71488	6	15.386	613255	20.0