LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124405.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	492	495	500	rBB	10348	13532	1.45%	0.204%
2	5.410	561	565	574	rBV	740146	724987	77.68%	10.918%
3	6.428	735	738	747	rBV	785082	720002	77.14%	10.843%
4	6.781	795	798	803	rVB	251307	215034	23.04%	3.238%
5	7.351	891	895	898	rBV	611174	478736	51.29%	7.210%
6	7.975	998	1001	1013	rBV	92475	101507	10.88%	1.529%
7	8.069	1013	1017	1020	rBV	311269	274642	29.43%	4.136%
8	9.145	1196	1200	1203	rBV	1199769	933347	100.00%	14.056%
9	9.822	1312	1315	1322	rBB	415866	312671	33.50%	4.709%
10	10.616	1446	1450	1464	rBB	628375	566241	60.67%	8.527%
11	11.310	1565	1568	1572	rBV	360388	279397	29.93%	4.208%
12	11.839	1656	1658	1662	rBV	13729	11864	1.27%	0.179%
13	12.751	1810	1813	1818	rVB	173560	138278	14.82%	2.082%
14	12.898	1834	1838	1841	rBV	824088	701387	75.15%	10.563%
15	13.098	1862	1872	1874	rBV	24846	22396	2.40%	0.337%
16	13.745	1978	1982	1986	rBV2	14889	15859	1.70%	0.239%
17	13.957	2014	2018	2022	rBV	272559	229275	24.56%	3.453%
18	14.074	2036	2038	2041	rBV	91099	76945	8.24%	1.159%
19	14.721	2143	2148	2151	rBV	90437	95443	10.23%	1.437%
20	15.021	2190	2199	2202	rBV4	63321	84900	9.10%	1.279%
21	15.133	2214	2218	2223	rVB	114055	130144	13.94%	1.960%
22	15.327	2247	2251	2260	rVB	142644	199641	21.39%	3.006%
23	15.415	2262	2266	2271	rVB	229650	277936	29.78%	4.186%
24	17.951	2691	2697	2706	rBV	16237	36166	3.87%	0.545%

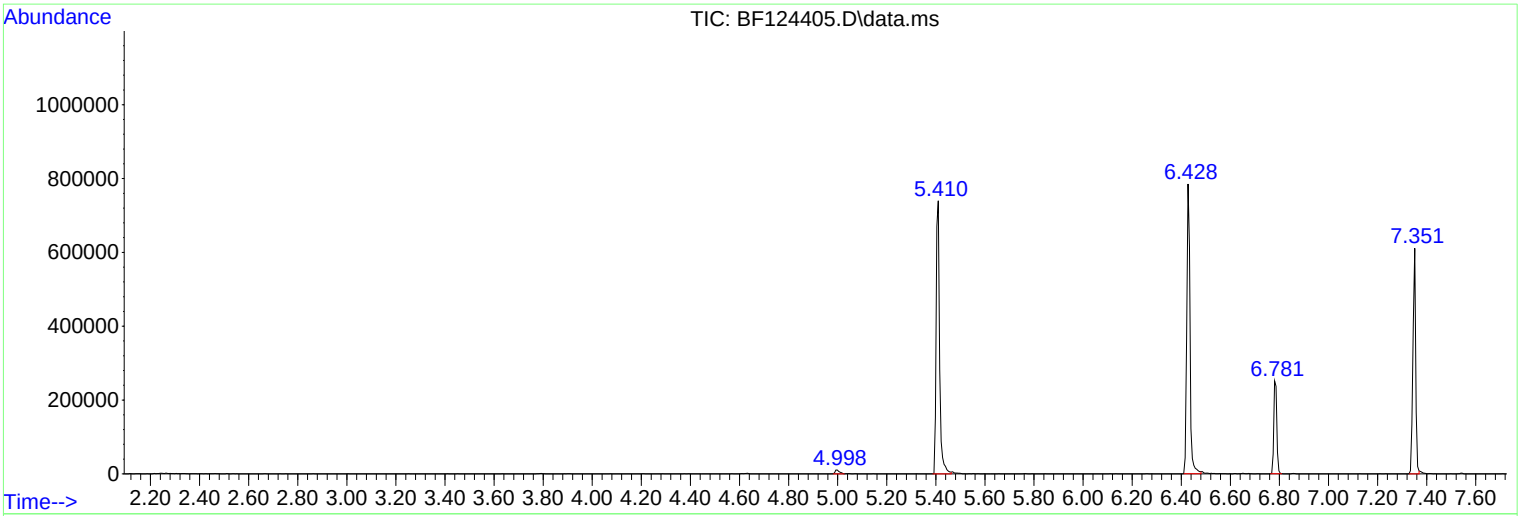
Sum of corrected areas: 6640330

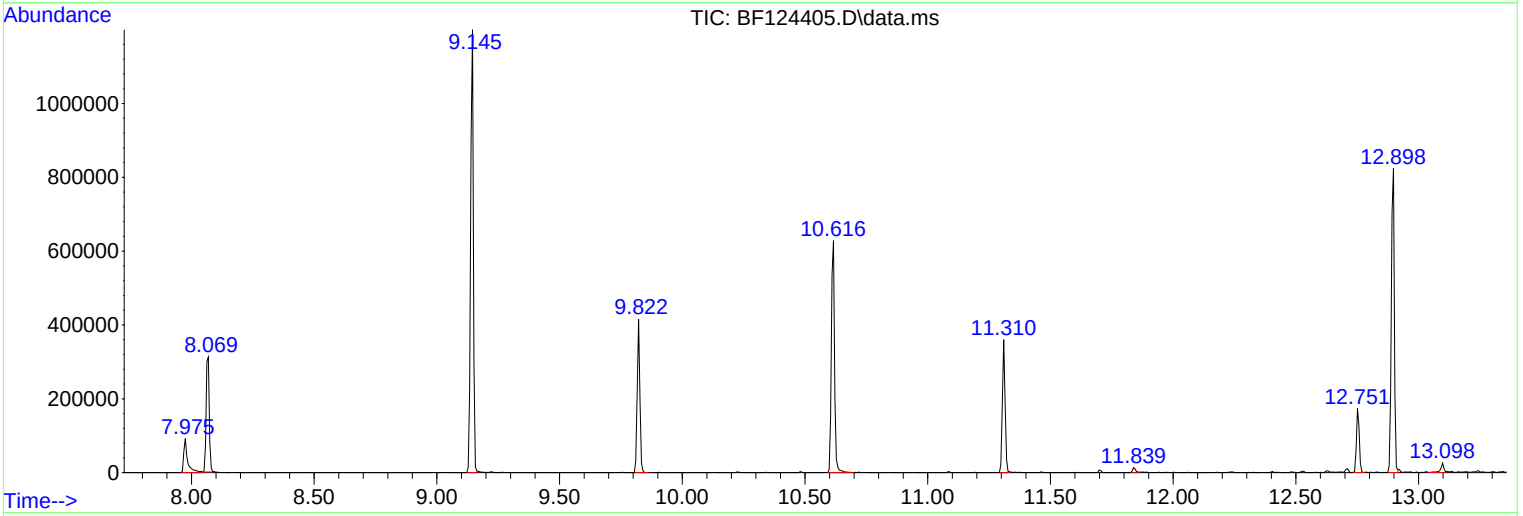
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

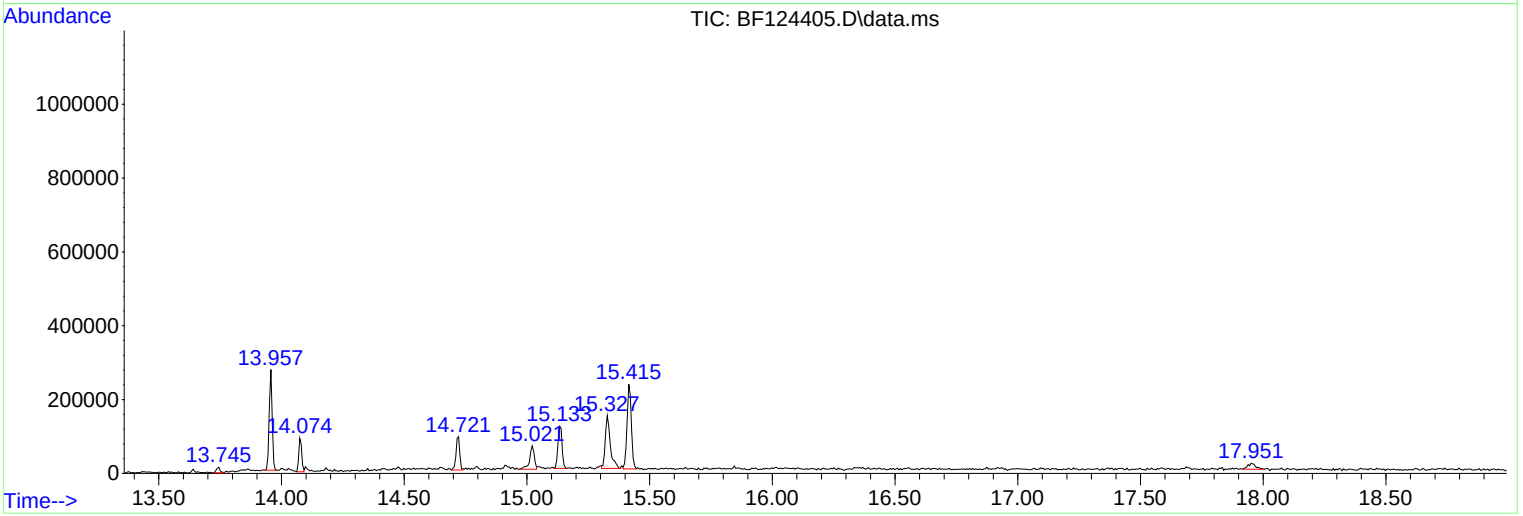
Instrument :
BNA_F
ClientSampleId :
SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

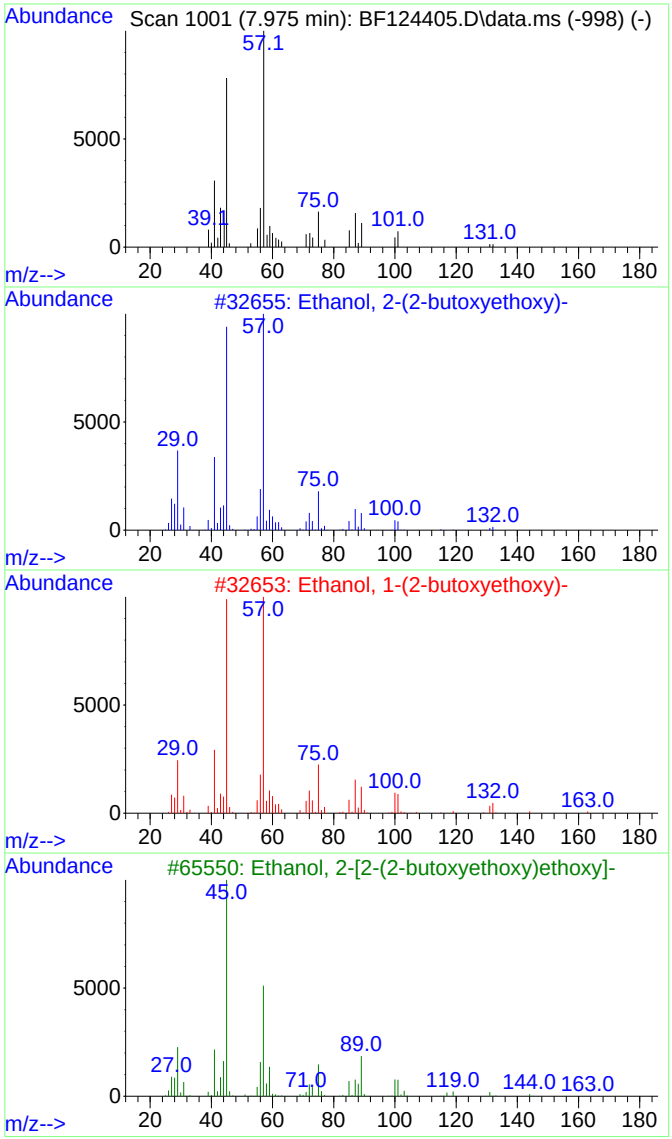
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

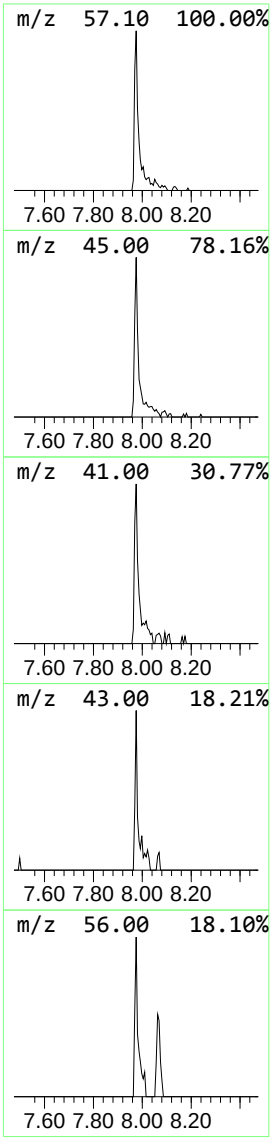
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	7.39 ng	101507	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	74
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

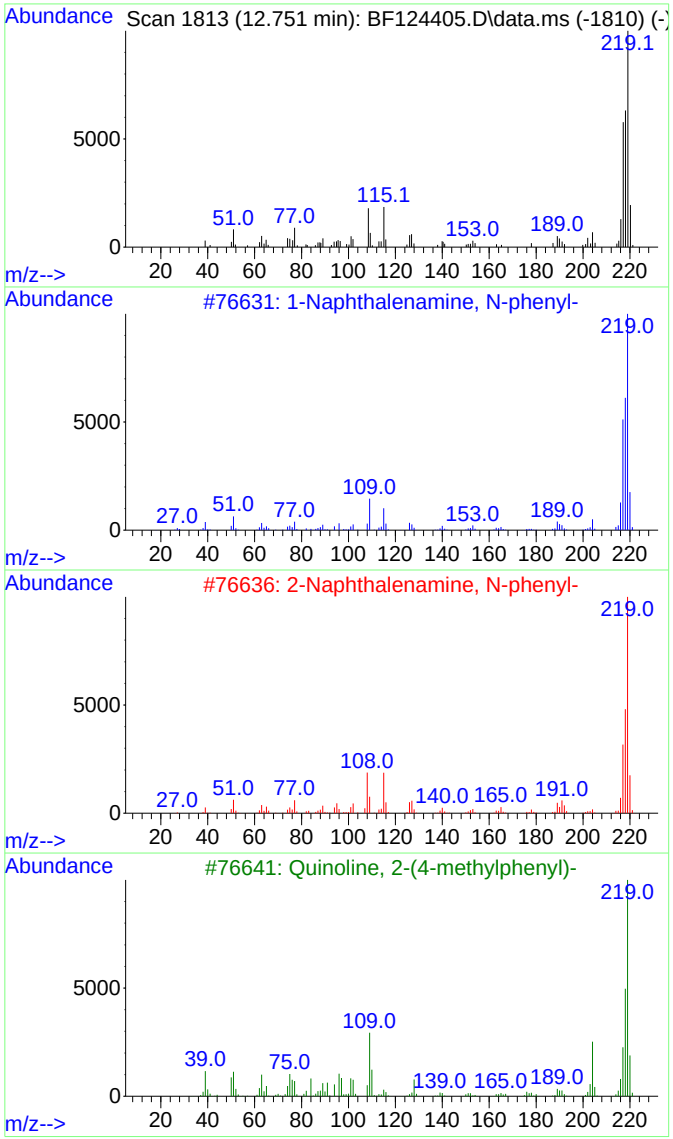
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

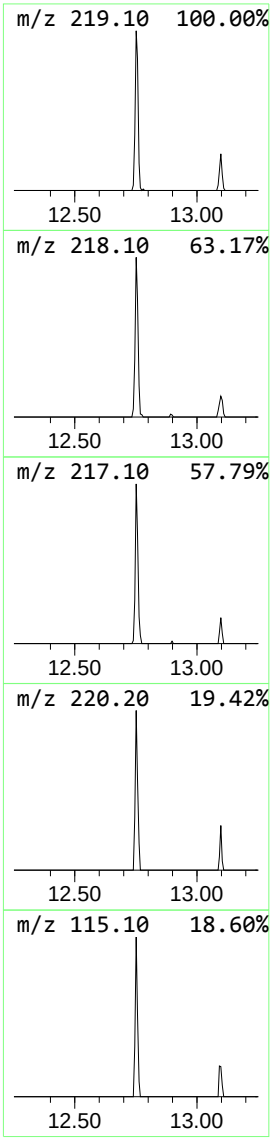
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Naphthalenamine, N-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	12.06 ng	138278	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	86
2	2-Naphthalenamine, N-phenyl-	219	C16H13N	000135-88-6	78
3	Quinoline, 2-(4-methylphenyl)-	219	C16H13N	024667-94-5	53
4	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	45
5	Naphthalene, 1-(phenylmethyl)-	218	C17H14	000611-45-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

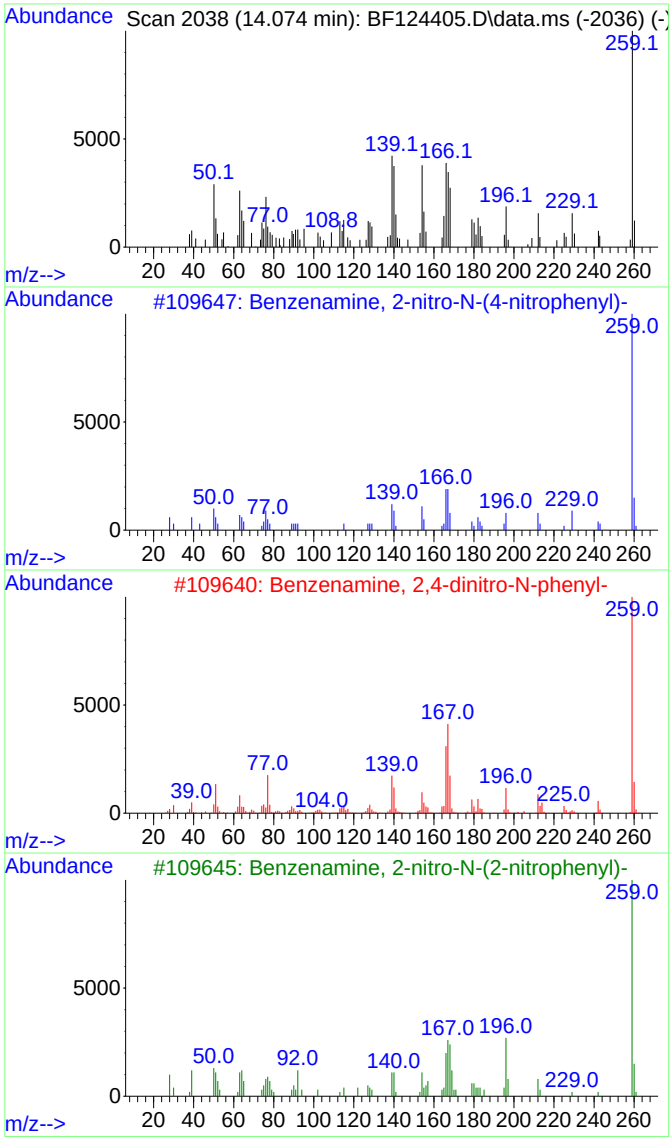
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

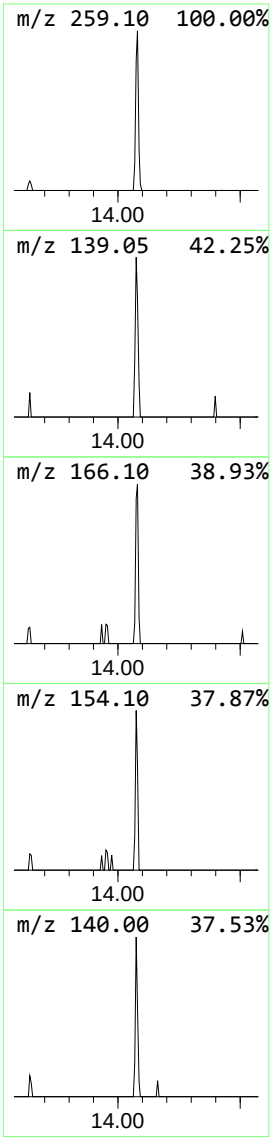
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenamine, 2-nitro-N-(4-n... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	6.71 ng	76945	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-nitro-N-(4-nitrop...	259	C12H9N3O4	000612-36-2	96
2	Benzenamine, 2,4-dinitro-N-phenyl-	259	C12H9N3O4	000961-68-2	64
3	Benzenamine, 2-nitro-N-(2-nitrop...	259	C12H9N3O4	018264-71-6	62
4	.alpha.-[2-Furanylmethylene]-4-n...	259	C13H9NO5	1000212-70-1	38
5	Furo[2,3-b]quinoline, 4,6,7-trim...	259	C14H13NO4	000484-08-2	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

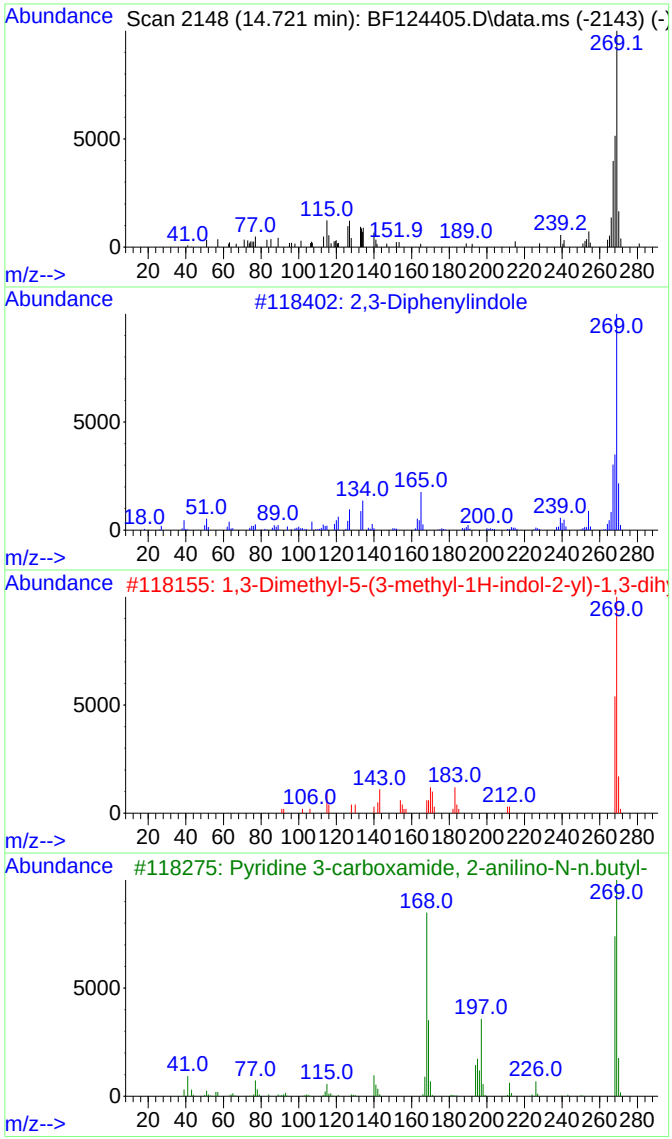
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

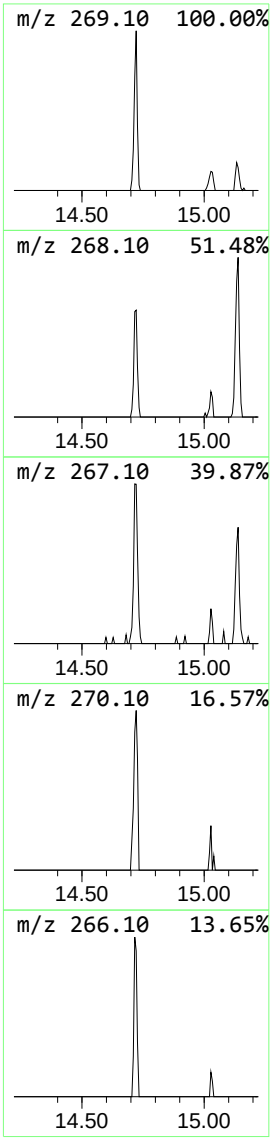
****

Peak Number 4 2,3-Diphenylindole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.721	6.87 ng	95443	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Diphenylindole	269	C20H15N	003469-20-3	68
2	1,3-Dimethyl-5-(3-methyl-1H-indo...	269	C15H15N3O2	066723-75-9	49
3	Pyridine 3-carboxamide, 2-anilin...	269	C16H19N3O	339302-84-0	47
4	7H-Dibenzo(a,g)carbazole, 12,13-...	269	C20H15N	063077-00-9	43
5	5H-Dibenzo[c,g]carbazole, 6,7-di...	269	C20H15N	063397-99-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

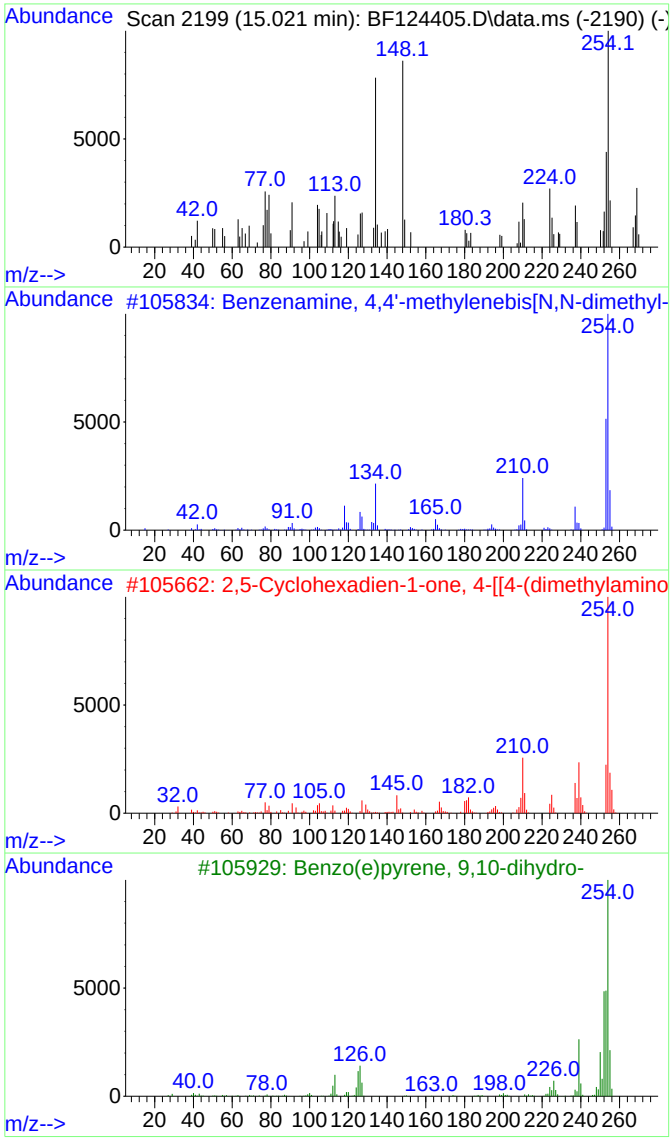
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

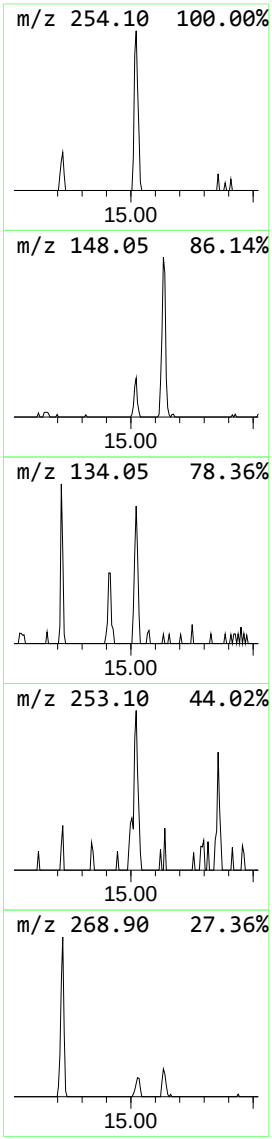
****

Peak Number 5 unknown15.021 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	6.11 ng	84900	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	38
2	2,5-Cyclohexadien-1-one, 4-[[4-(...	254	C16H18N2O	1000319-40-8	30
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	25
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	25
5	4-Pyrimidinamine, 5-methyl-N-(tr...	269	C11H23N3OSi2	032865-88-6	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

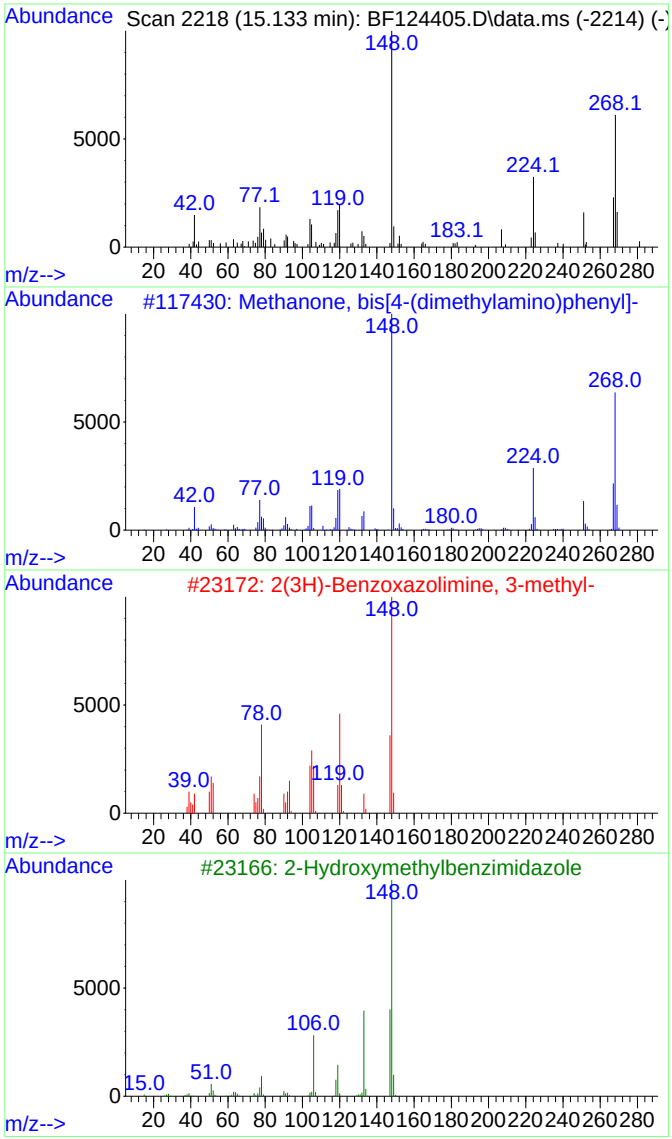
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

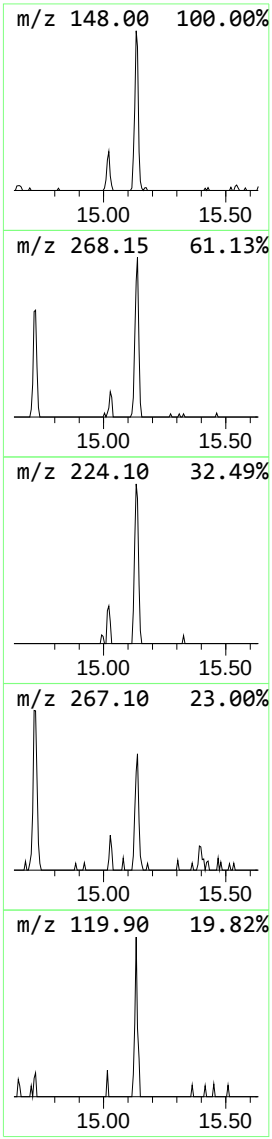
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Methanone, bis[4-(dimethyla... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	9.37 ng	130144	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, bis[4-(dimethylamino)...	268	C17H20N2O	000090-94-8	96
2	2(3H)-Benzoxazolimine, 3-methyl-	148	C8H8N2O	018034-93-0	38
3	2-Hydroxymethylbenzimidazole	148	C8H8N2O	022128-99-0	35
4	1H-Indazole, 3-methoxy-	148	C8H8N2O	001848-41-5	35
5	2H-1-Benzopyran-2-one, 4-hydroxy...	268	C16H12O4	026151-95-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

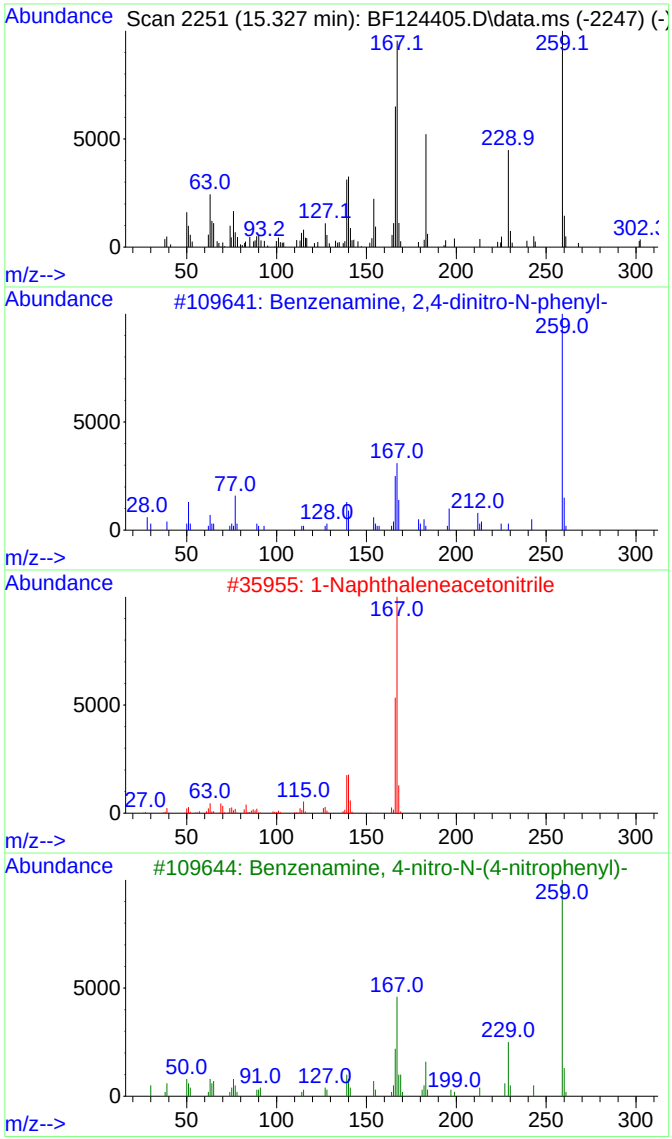
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

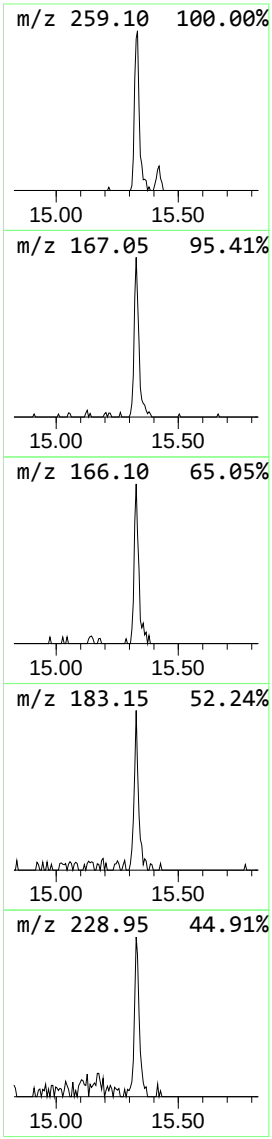
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzenamine, 2,4-dinitro-N-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	14.37 ng	199641	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4-dinitro-N-phenyl-	259	C12H9N3O4	000961-68-2	68
2	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	46
3	Benzenamine, 4-nitro-N-(4-nitrop...	259	C12H9N3O4	001821-27-8	46
4	Acetonitrile, 2-(2-azulenyl)-	167	C12H9N	054798-12-8	46
5	1-Cyano-4-methylnaphthalene	167	C12H9N	036062-93-8	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

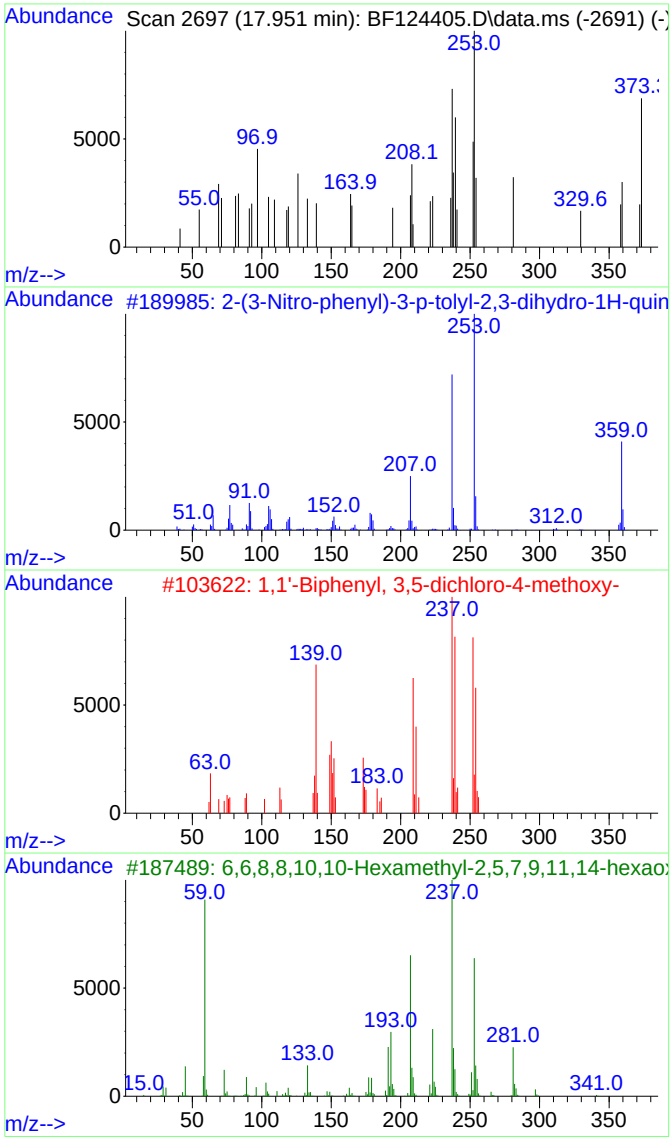
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

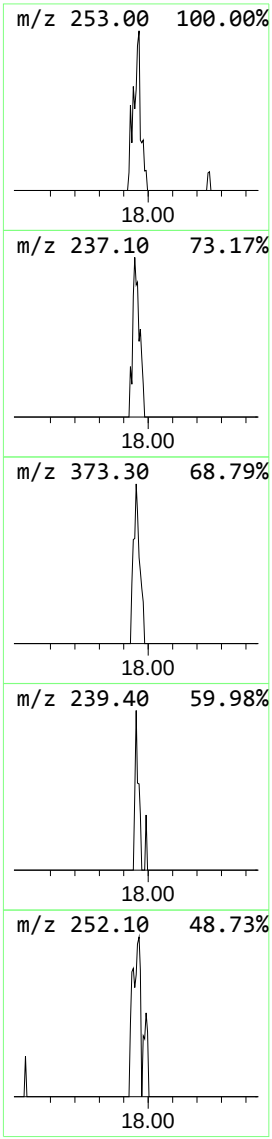
****

Peak Number 8 unknown17.951 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	2.60 ng	36166	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3-Nitro-phenyl)-3-p-tolyl-2,3...	359	C21H17N3O3	328090-77-3	38
2	1,1'-Biphenyl, 3,5-dichloro-4-me...	252	C13H10Cl2O	074298-90-1	27
3	6,6,8,8,10,10-Hexamethyl-2,5,7,9...	356	C12H32O6Si3	1000375-89-7	16
4	2-Phosphatricyclo[4.4.0.0(3,5)]d...	252	C17H17P	1000163-24-7	14
5	2(1H)-Quinolinone, 6-bromo-4-met...	237	C10H8BrNO	1000337-38-4	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124405.D
Acq On : 21 Jun 2021 21:43
Operator : JU/CG
Sample : M2773-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	7.975	7.4	ng	101507	2	8.069	274642	20.0
1-Naphthalenami...	12.751	12.1	ng	138278	5	13.957	229275	20.0
Benzenamine, 2-...	14.074	6.7	ng	76945	5	13.957	229275	20.0
2,3-Diphenylindole	14.721	6.9	ng	95443	6	15.415	277936	20.0
unknown15.021	15.021	6.1	ng	84900	6	15.415	277936	20.0
Methanone, bis[...	15.133	9.4	ng	130144	6	15.415	277936	20.0
Benzenamine, 2,...	15.327	14.4	ng	199641	6	15.415	277936	20.0
unknown17.951	17.951	2.6	ng	36166	6	15.415	277936	20.0