LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045559.D
Acq On : 1 Jun 2020 17:16
Operator : CG/JU
Sample : L2796-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N48963

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_G\METHODS\8270-BG051520.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	5.539	411	417	430	rBV	281925	494258	10.49%	2.394%
2	7.149	684	691	707	rBV	176361	334183	7.09%	1.619%
3	7.954	819	828	837	rBV	203346	370225	7.86%	1.793%
4	8.277	873	883	891	rBV	739911	1321899	28.06%	6.403%
5	9.111	1017	1025	1036	rBV	606581	1117686	23.73%	5.414%
6	10.756	1297	1305	1314	rBV	272010	517658	10.99%	2.508%
7	12.113	1530	1536	1548	rBV	71180	131814	2.80%	0.639%
8	13.217	1715	1724	1739	rBV	1843291	3056725	64.89%	14.807%
9	14.046	1859	1865	1871	rBV	294835	438915	9.32%	2.126%
10	14.451	1928	1934	1939	rBV2	30537	51041	1.08%	0.247%
11	14.592	1951	1958	1967	rBV	483073	802491	17.04%	3.887%
12	16.090	2206	2213	2230	rBV	1590938	2487447	52.81%	12.049%
13	16.613	2296	2302	2315	rBV	54490	118154	2.51%	0.572%
14	17.341	2420	2426	2433	rBV	600112	952710	20.23%	4.615%
15	18.081	2547	2552	2558	rBV	57857	91695	1.95%	0.444%
16	18.281	2582	2586	2594	rVB	109644	176993	3.76%	0.857%
17	18.469	2613	2618	2623	rBV4	35638	51524	1.09%	0.250%
18	18.639	2641	2647	2655	rVB	72411	108204	2.30%	0.524%
19	18.821	2673	2678	2684	rVB2	106860	145930	3.10%	0.707%
20	19.961	2864	2872	2885	rBV	3506586	4710367	100.00%	22.818%
21	21.148	3069	3074	3084	rBV	298509	445458	9.46%	2.158%
22	21.265	3089	3094	3107	rVB2	204055	376753	8.00%	1.825%
23	21.600	3145	3151	3163	rVB	605006	1035265	21.98%	5.015%
24	22.399	3283	3287	3292	rBV4	28048	52629	1.12%	0.255%
25	23.075	3400	3402	3409	rVB5	35698	57666	1.22%	0.279%
26	23.868	3534	3537	3544	rVB5	37572	60201	1.28%	0.292%
27	24.743	3677	3686	3702	rVB2	378887	1135734	24.11%	5.502%

Sum of corrected areas: 20643625

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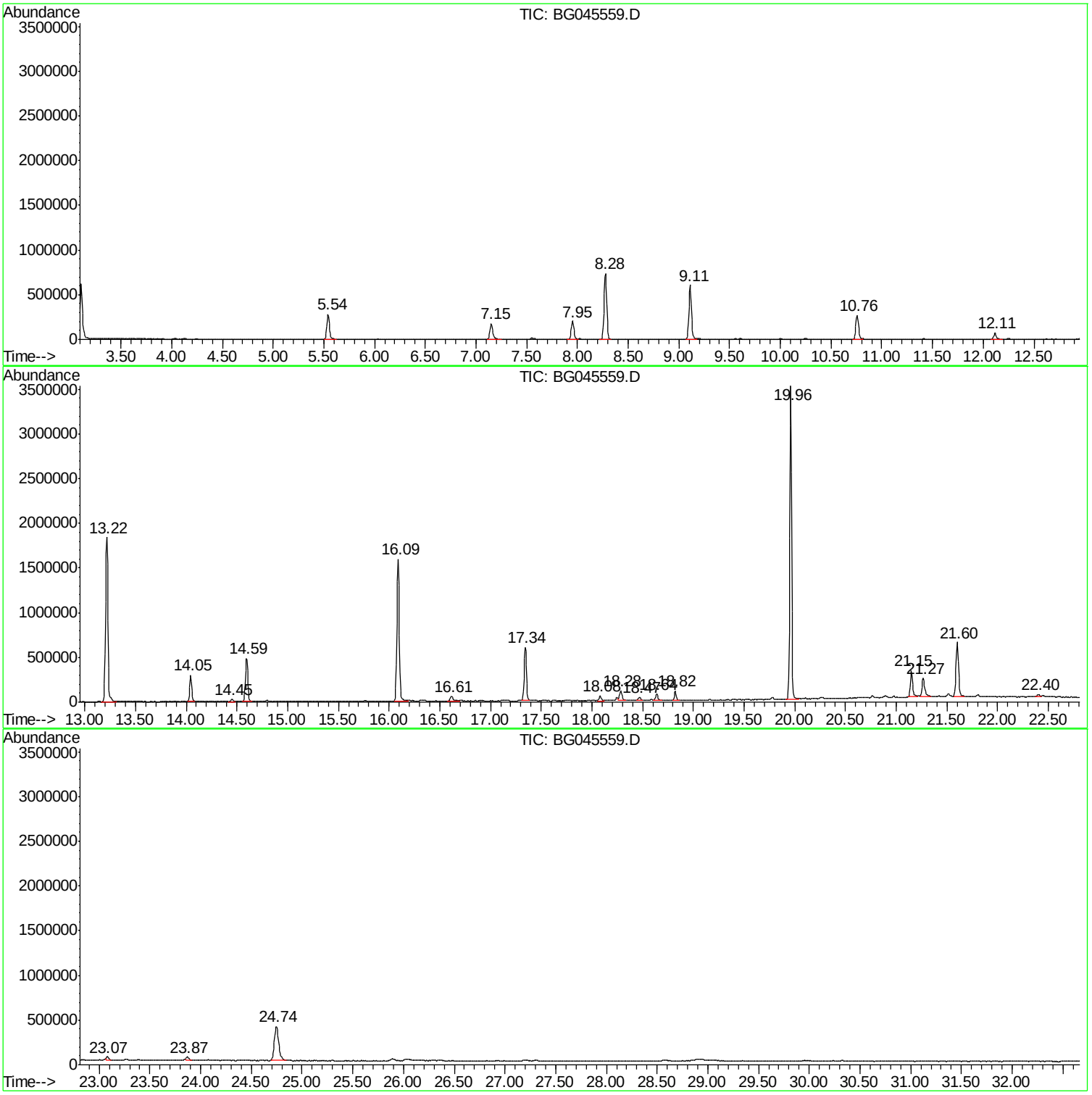
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045559.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

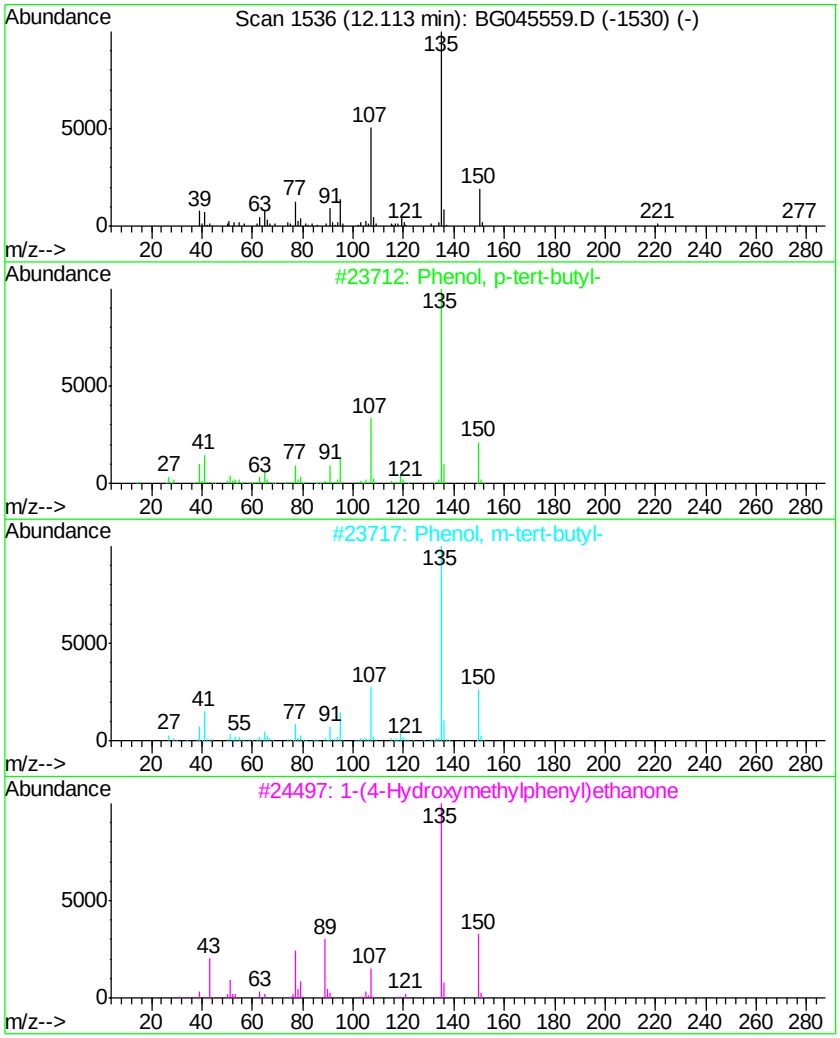
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

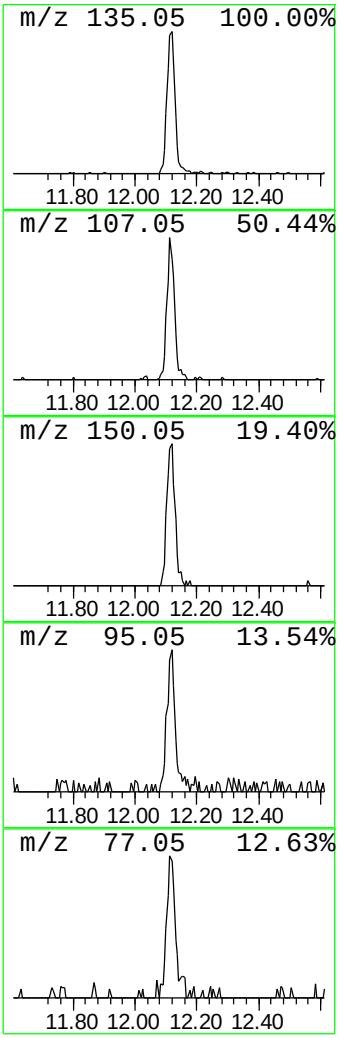
****

Peak Number 2 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.09 ng	131814	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	76
3	1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	50
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	47
5	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	46





Library Search Compound Report

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Data File : BG045559.D
Acq On : 1 Jun 2020 17:16
Operator : CG/JU
Sample : L2796-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

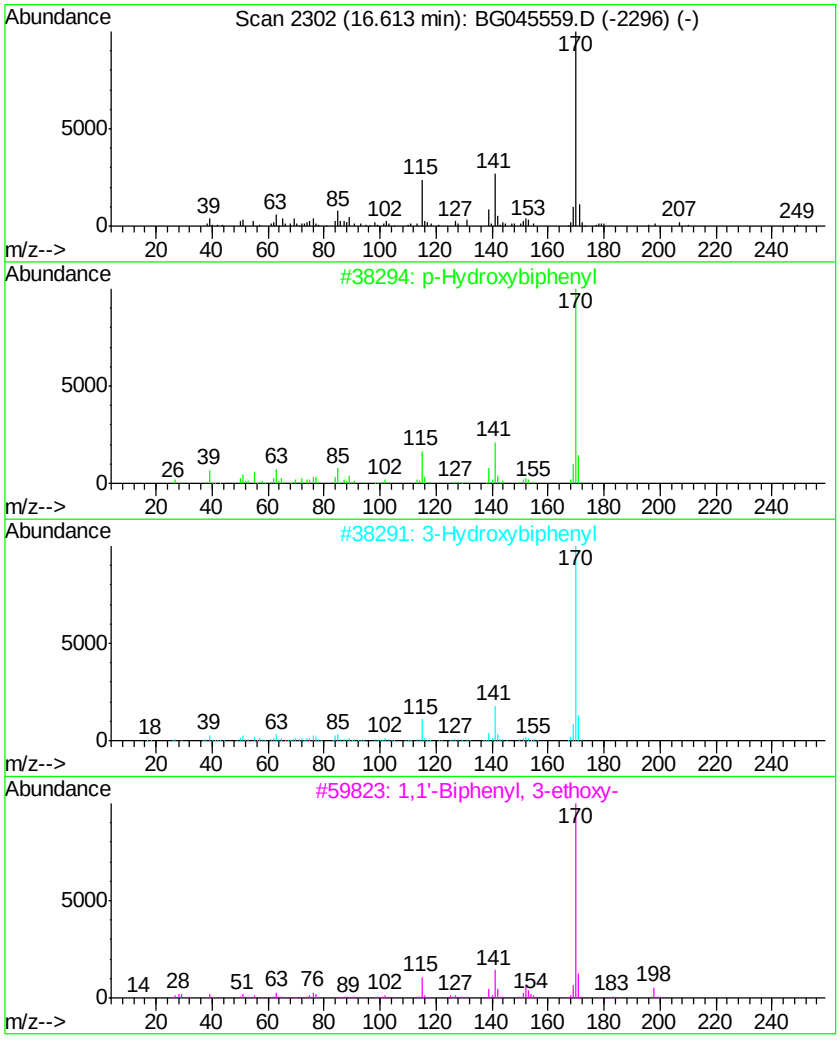
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

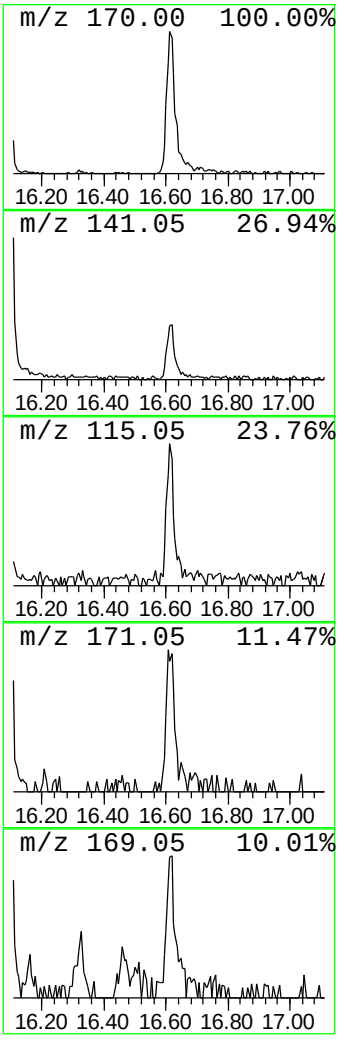
****

Peak Number 3 p-Hydroxybiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.48 ng	118154	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
3	1,1'-Biphenyl, 3-ethoxy-	198	C14H14O	054852-73-2	87
4	[1,1'-Biphenyl]-4-ol, acetate	212	C14H12O2	000148-86-7	64
5	Isobutyric acid, 4-biphenyl ester	240	C16H16O2	1000354-64-2	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
Data File : BG045559.D
Acq On : 1 Jun 2020 17:16
Operator : CG/JU
Sample : L2796-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

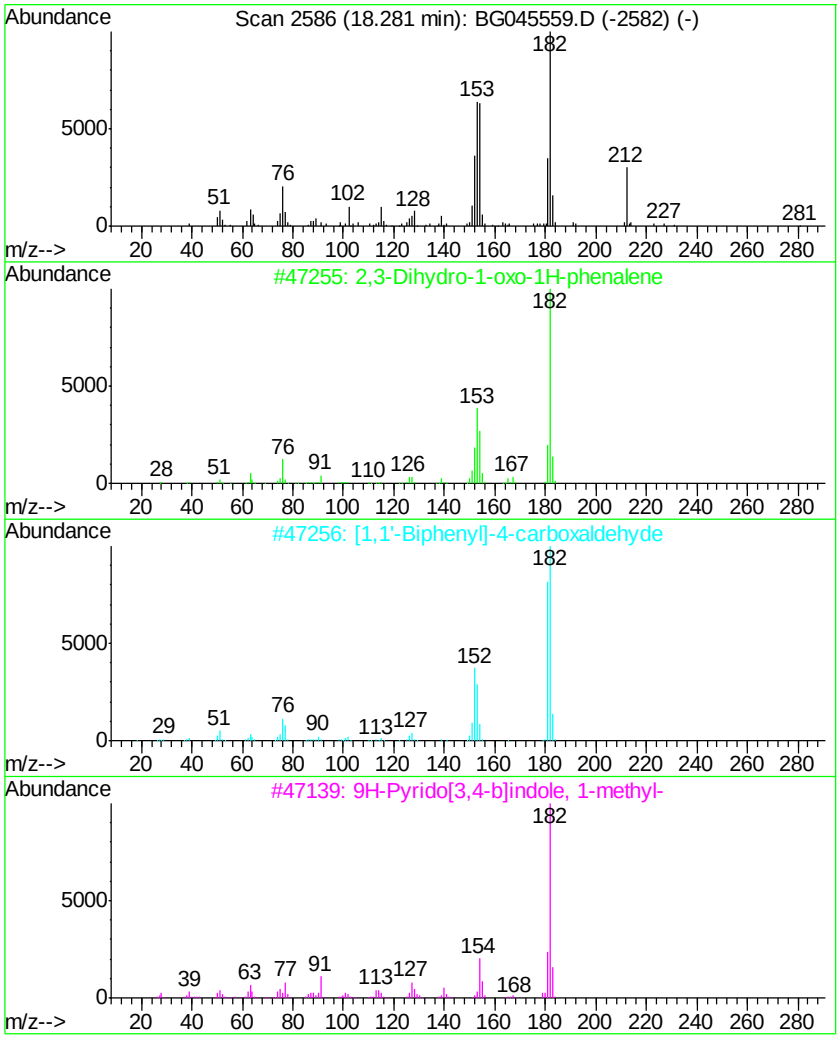
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

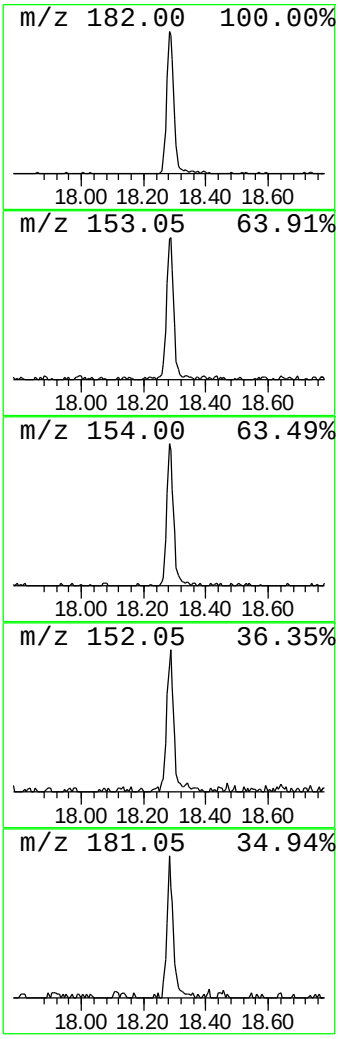
****

Peak Number 4 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.72 ng	176993	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	83
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
3	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	47
4	2-(4-Chlorophenyl)-1,3,2-dioxabo...	182	C8H8BClO2	069519-09-1	46
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
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Operator : CG/JU
Sample : L2796-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

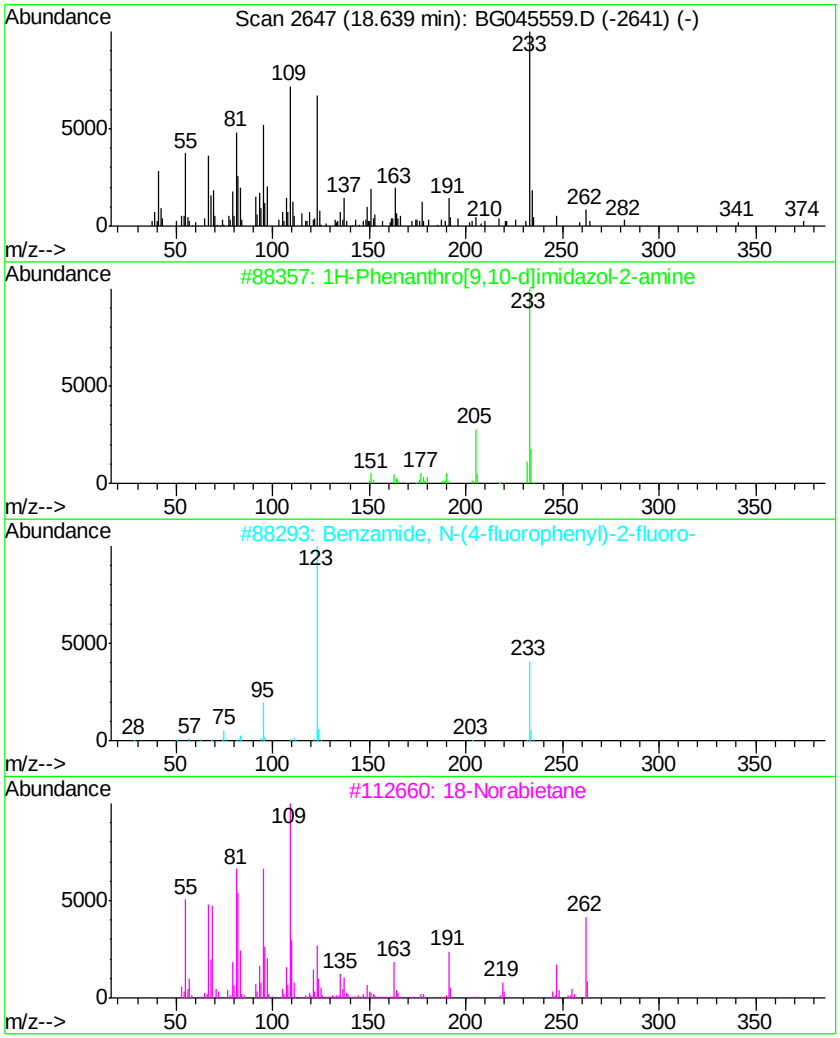
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

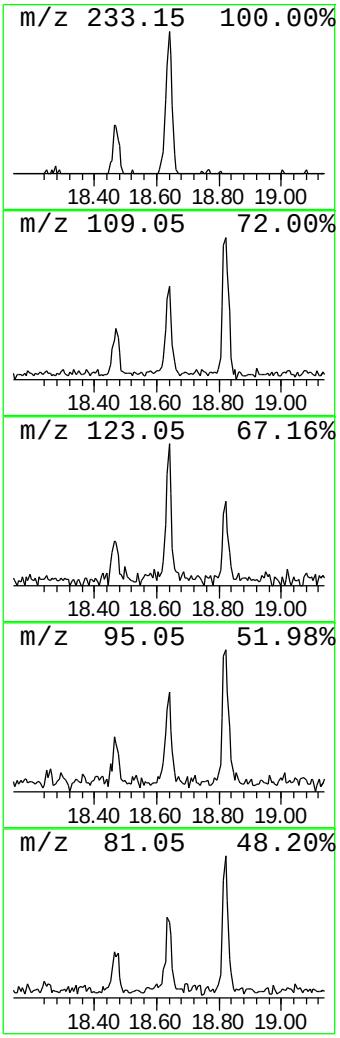
****

Peak Number 5 1H-Phenanthro[9,10-d]imidaz... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	2.27 ng	108204	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	53
2	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	47
3	18-Norabietane	262	C19H34	1000293-16-6	38
4	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	38
5	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	14





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Data File : BG045559.D
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Sample : L2796-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

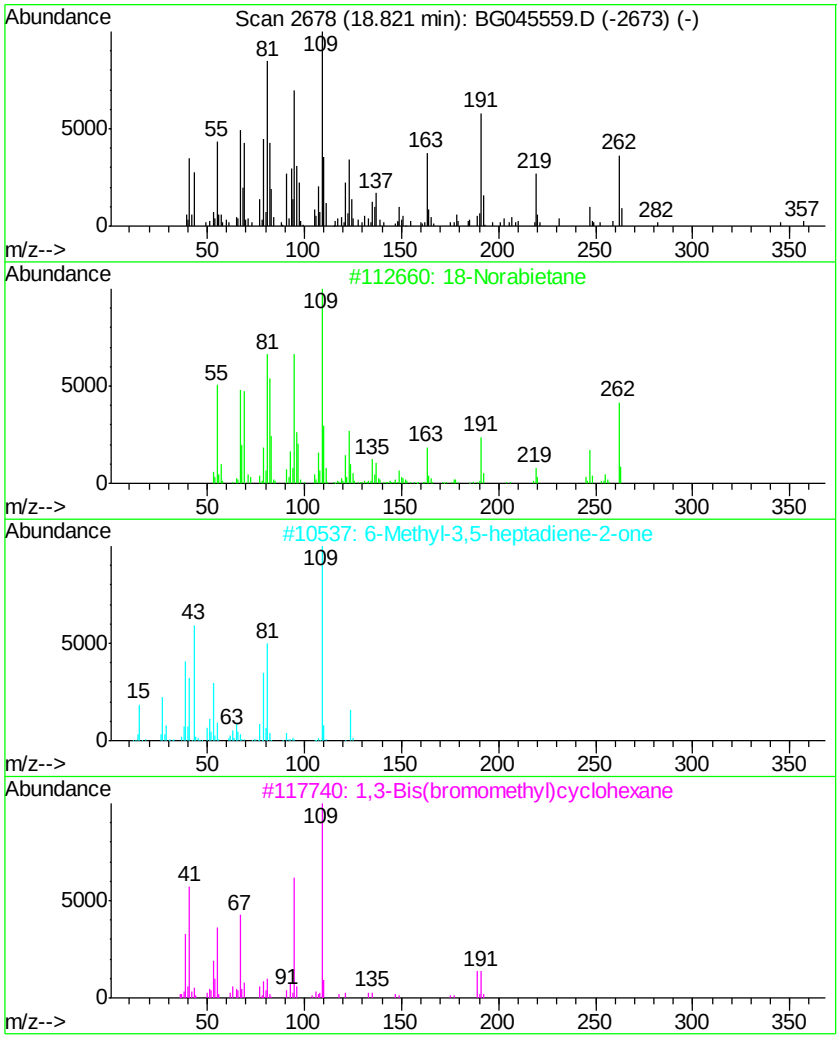
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

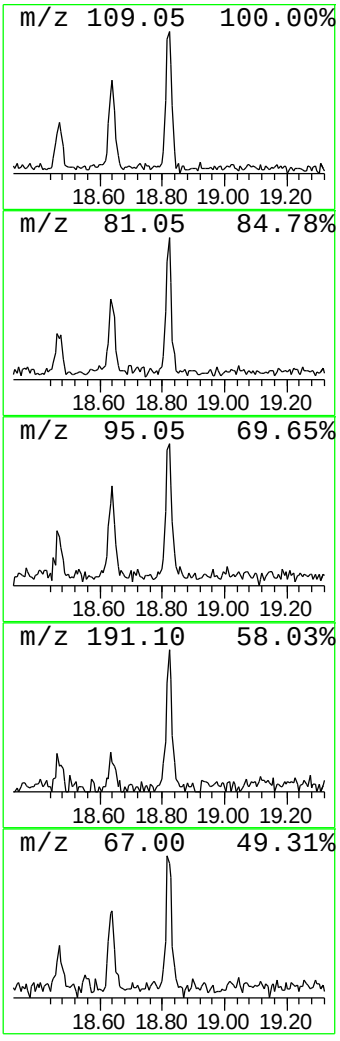
****

Peak Number 6 18-Norabietane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.06 ng	145930	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	70
2	6-Methyl-3,5-heptadiene-2-one	124	C8H12O	001604-28-0	35
3	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	27
4	1-Tridecyne	180	C13H24	026186-02-7	27
5	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	25





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

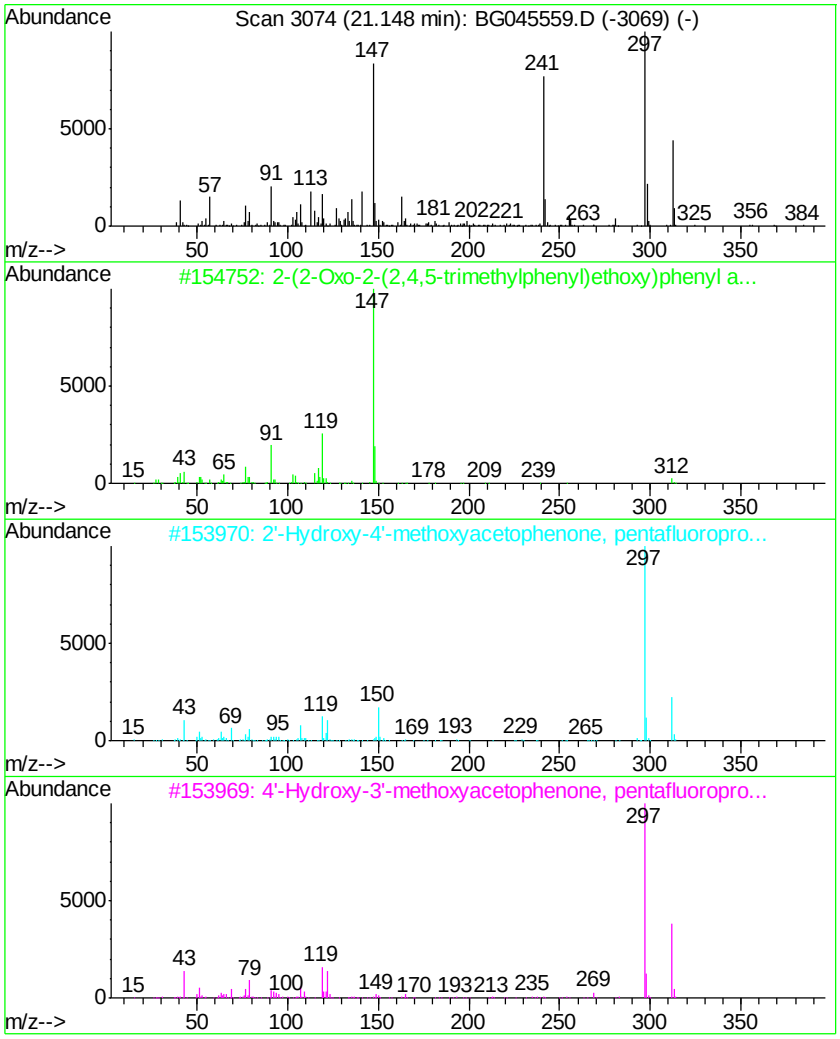
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

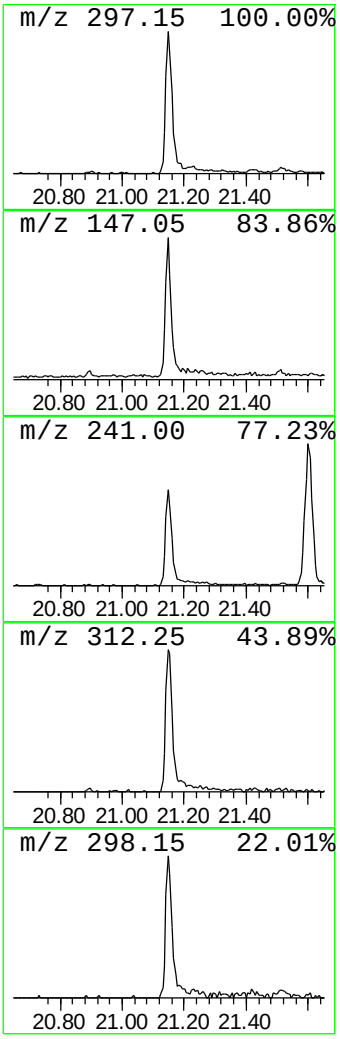
****

Peak Number 7 unknown21.15 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	8.61 ng	445458	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Oxo-2-(2,4,5-trimethylphenyl...	312	C19H20O4	1000332-37-7	30
2	2'-Hydroxy-4'-methoxyacetophenon...	312	C12H9F5O4	1000365-45-8	27
3	4'-Hydroxy-3'-methoxyacetophenon...	312	C12H9F5O4	1000375-93-3	27
4	Oxazole, 2-[1,1'-biphenyl]-4-yl-...	297	C21H15NO	000852-37-9	25
5	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	15





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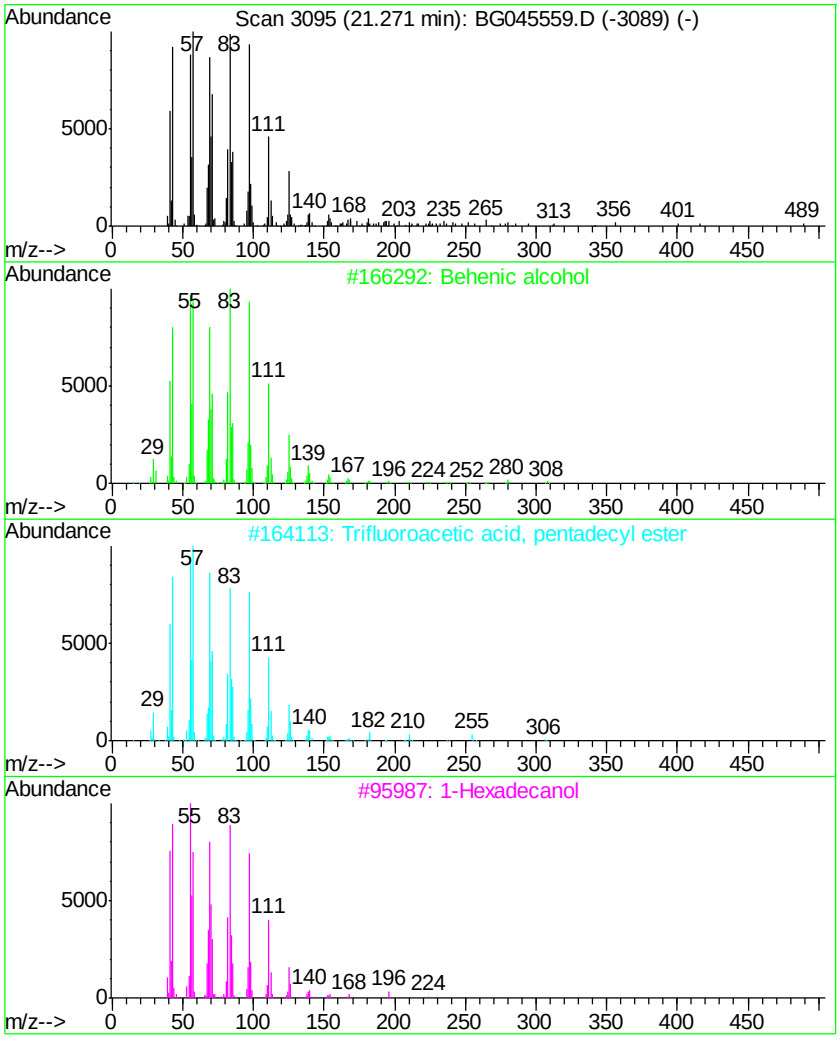
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

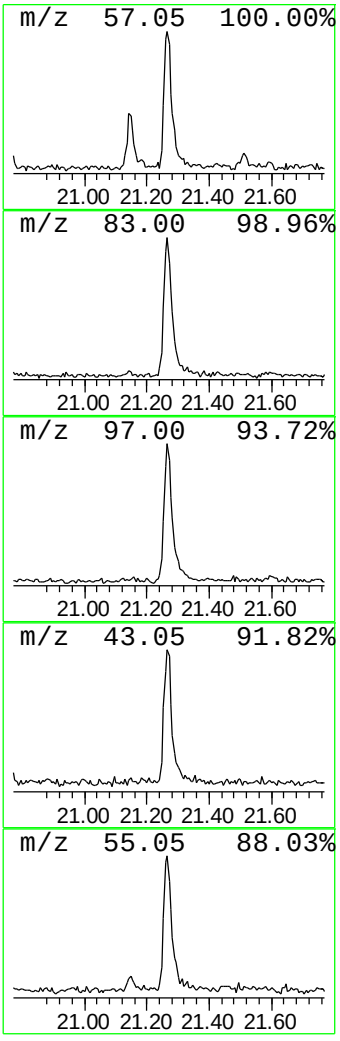
****

Peak Number 8 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	7.28 ng	376753	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, p-tert-bu...	12.11	5.1	ng	131814	2	10.76	517658	20.0
p-Hydroxybiphenyl	16.61	2.5	ng	118154	4	17.34	952710	20.0
2,3-Dihydro-1-oxo...	18.28	3.7	ng	176993	4	17.34	952710	20.0
1H-Phenanthro[9,1...	18.64	2.3	ng	108204	4	17.34	952710	20.0
18-Norabietane	18.82	3.1	ng	145930	4	17.34	952710	20.0
unknown21.15	21.15	8.6	ng	445458	5	21.60	1035270	20.0
Behenic alcohol	21.27	7.3	ng	376753	5	21.60	1035270	20.0