LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050497.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.791	385	392	401	rBV	357834	603597	4.98%	0.892%
2	7.395	657	665	675	rVB	380831	699403	5.77%	1.033%
3	8.259	805	812	823	rVB	216236	379084	3.13%	0.560%
4	9.428	1000	1011	1030	rVB	251819	479679	3.96%	0.709%
5	10.826	1243	1249	1259	rBV2	135233	232094	1.92%	0.343%
6	11.085	1285	1293	1299	rBV	297881	559426	4.62%	0.827%
7	13.500	1696	1704	1711	rBV	638031	984443	8.13%	1.454%
8	14.381	1849	1854	1861	rVB2	142890	243374	2.01%	0.360%
9	14.874	1932	1938	1945	rVB	475079	756489	6.24%	1.118%
10	15.145	1979	1984	1995	rVB2	64418	129353	1.07%	0.191%
11	15.850	2099	2104	2112	rBV3	114083	209207	1.73%	0.309%
12	16.073	2133	2142	2145	rBV5	62764	148144	1.22%	0.219%
13	16.355	2185	2190	2201	rBV4	468773	971556	8.02%	1.435%
14	16.555	2217	2224	2231	rBV2	858403	1425863	11.77%	2.107%
15	16.796	2261	2265	2268	rBV	89353	128723	1.06%	0.190%
16	16.984	2293	2297	2301	rBV	268201	381665	3.15%	0.564%
17	17.101	2311	2317	2322	rBV2	307269	457636	3.78%	0.676%
18	17.184	2328	2331	2338	rVB4	63755	130216	1.07%	0.192%
19	17.360	2355	2361	2365	rBV3	119376	271858	2.24%	0.402%
20	17.483	2378	2382	2389	rBV2	215671	310015	2.56%	0.458%
21	17.548	2389	2393	2398	rBV2	183894	235565	1.94%	0.348%
22	17.618	2398	2405	2409	rVV	489344	816167	6.74%	1.206%
23	17.671	2409	2414	2419	rVV2	478978	835358	6.90%	1.234%
24	17.759	2425	2429	2431	rVV2	210191	309499	2.55%	0.457%
25	17.789	2431	2434	2443	rVB2	366126	603155	4.98%	0.891%
26	17.941	2456	2460	2462	rVV2	150446	229964	1.90%	0.340%
27	17.971	2462	2465	2469	rVV2	232442	345819	2.85%	0.511%
28	18.012	2469	2472	2479	rVB3	140708	209440	1.73%	0.309%
29	18.265	2511	2515	2522	rVB4	239991	368239	3.04%	0.544%
30	18.376	2528	2534	2540	rBV2	508416	914833	7.55%	1.352%
31	18.429	2540	2543	2547	rVV	192074	283472	2.34%	0.419%
32	18.500	2548	2555	2567	rVB	2415622	4255620	35.13%	6.287%
33	18.682	2582	2586	2591	rVB5	113997	192993	1.59%	0.285%
34	18.770	2598	2601	2607	rBV4	84243	156633	1.29%	0.231%
35	18.840	2607	2613	2621	rVV	597883	1105288	9.12%	1.633%
36	19.028	2641	2645	2657	rBV7	136859	331200	2.73%	0.489%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.275	2683	2687	2692	rVB3	155083	262755	2.17%	0.388%
38	19.328	2693	2696	2701	rVV	146039	190472	1.57%	0.281%
39	19.487	2719	2723	2727	rBV	280223	383251	3.16%	0.566%
40	19.634	2744	2748	2749	rBV	281922	348966	2.88%	0.516%
41	19.657	2749	2752	2762	rVB2	523905	1080024	8.92%	1.596%
42	19.745	2763	2767	2776	rVB	671461	823672	6.80%	1.217%
43	20.021	2809	2814	2821	rVB2	266771	496364	4.10%	0.733%
44	20.209	2841	2846	2850	rBV2	1073766	1386864	11.45%	2.049%
45	20.491	2892	2894	2900	rVB3	184477	234308	1.93%	0.346%
46	20.656	2919	2922	2929	rVB2	177594	270086	2.23%	0.399%
47	20.744	2934	2937	2942	rVV	469345	624336	5.15%	0.922%
48	20.803	2942	2947	2955	rVV2	448323	801545	6.62%	1.184%
49	21.003	2977	2981	2985	rBV	376289	555242	4.58%	0.820%
50	21.126	2999	3002	3007	rVB	354954	459788	3.80%	0.679%
51	21.520	3065	3069	3076	rVB	411411	633427	5.23%	0.936%
52	21.919	3131	3137	3142	rVB2	480169	953276	7.87%	1.408%
53	22.471	3226	3231	3246	rVB2	292770	694951	5.74%	1.027%
54	22.665	3257	3264	3271	rBV2	1496336	2857594	23.59%	4.222%
55	22.989	3311	3319	3329	rVB	2242953	4760370	39.30%	7.033%
56	23.752	3436	3449	3458	rVB	4529973	12114113	100.00%	17.898%
57	24.346	3543	3550	3555	rBV	556411	1222493	10.09%	1.806%
58	24.416	3555	3562	3566	rBV	950038	2393795	19.76%	3.537%
59	24.710	3598	3612	3633	rVB5	400546	2261965	18.67%	3.342%
60	25.356	3714	3722	3731	rBV4	337557	965334	7.97%	1.426%
61	26.590	3921	3932	3943	rBV5	880603	3049472	25.17%	4.505%
62	26.714	3947	3953	3968	rVB	395188	1244590	10.27%	1.839%
63	27.701	4112	4121	4133	rBV3	418923	1607165	13.27%	2.374%
64	28.030	4165	4177	4193	rVB3	1011068	4314001	35.61%	6.374%

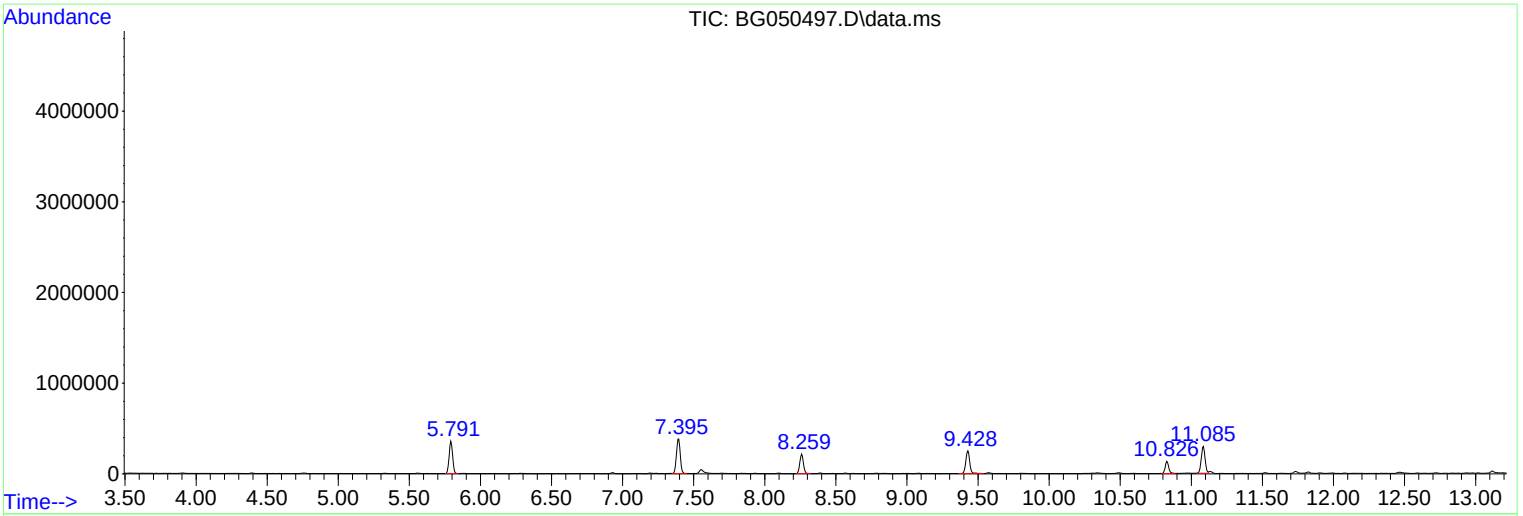
Sum of corrected areas: 67685289

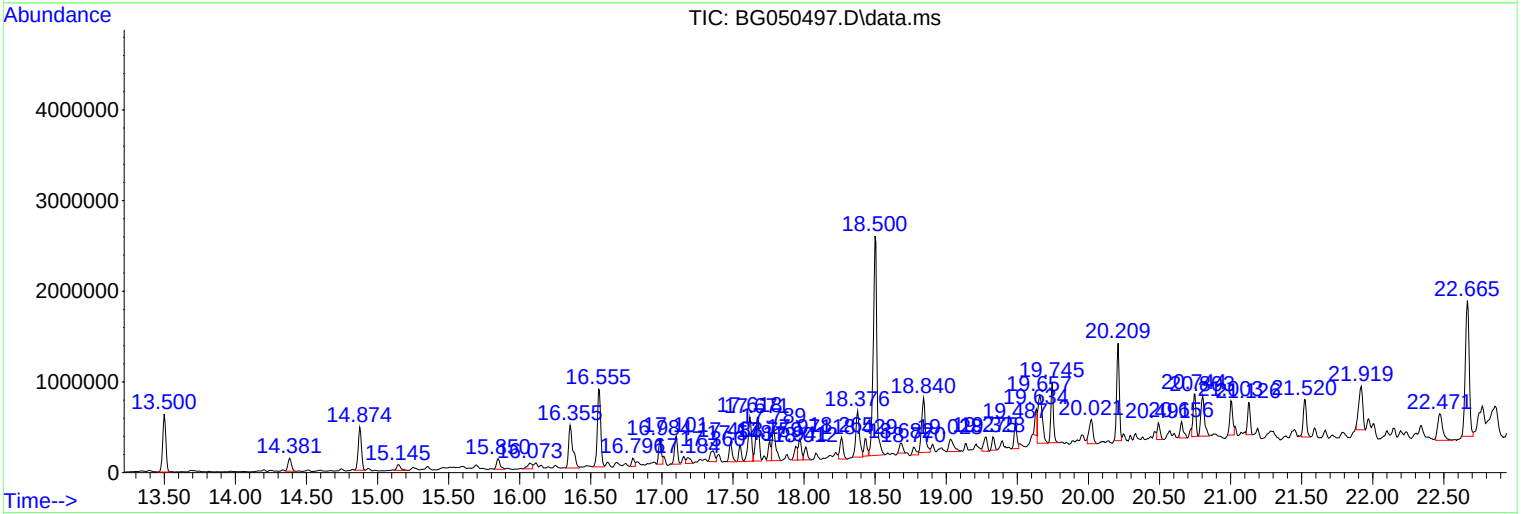
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

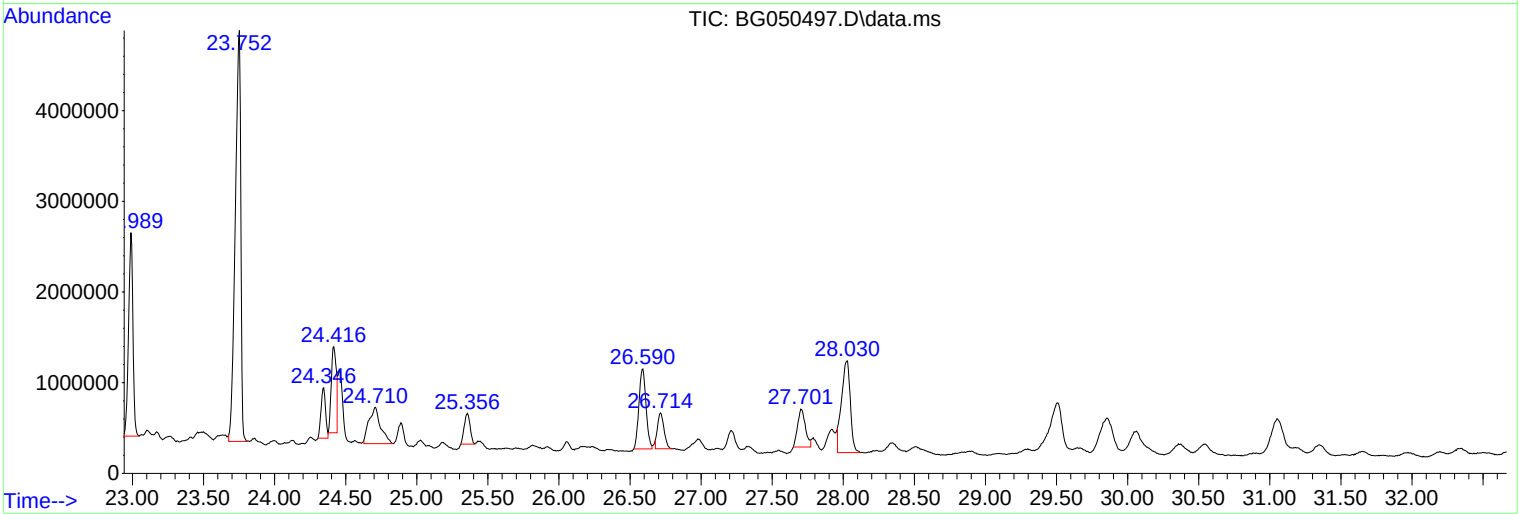
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

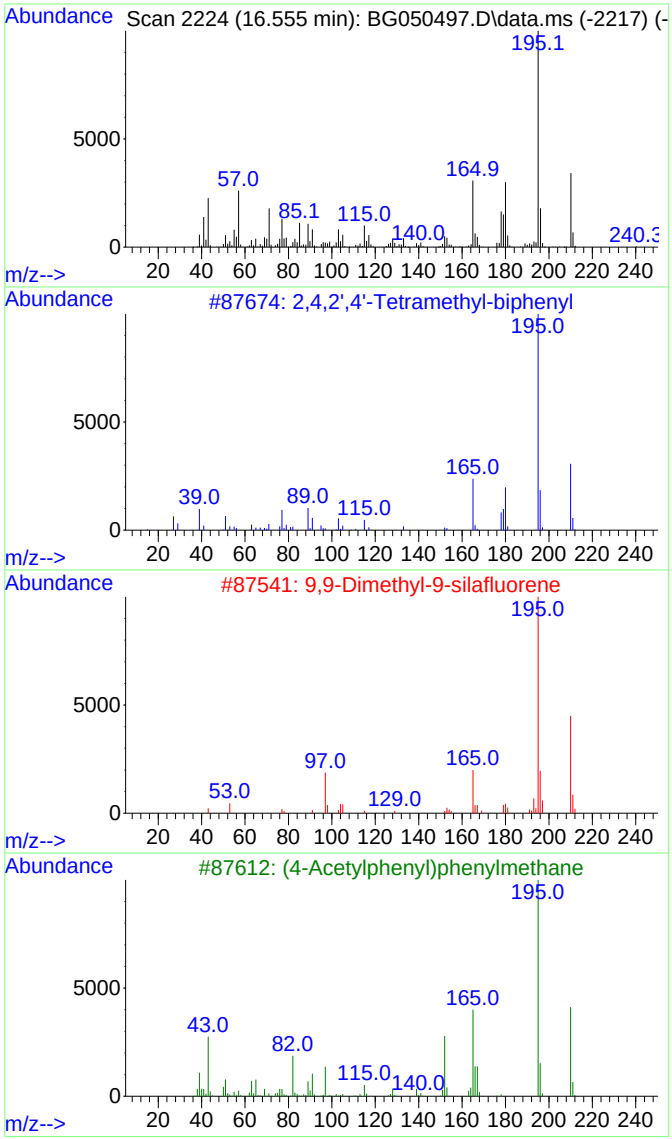
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

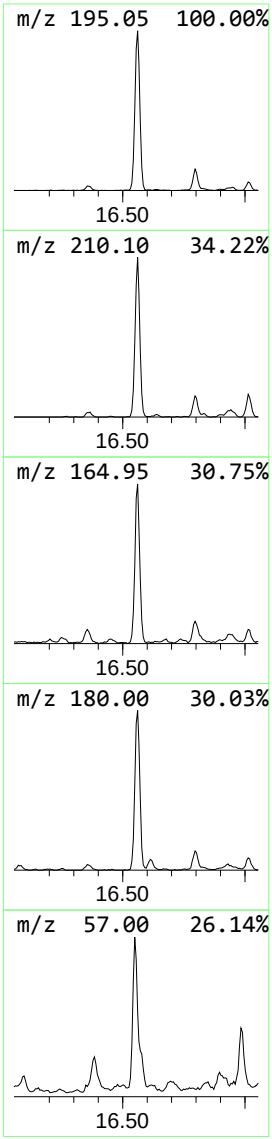
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.555	34.94 ng	1425860	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	91
2	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	76
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
4	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	60
5	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

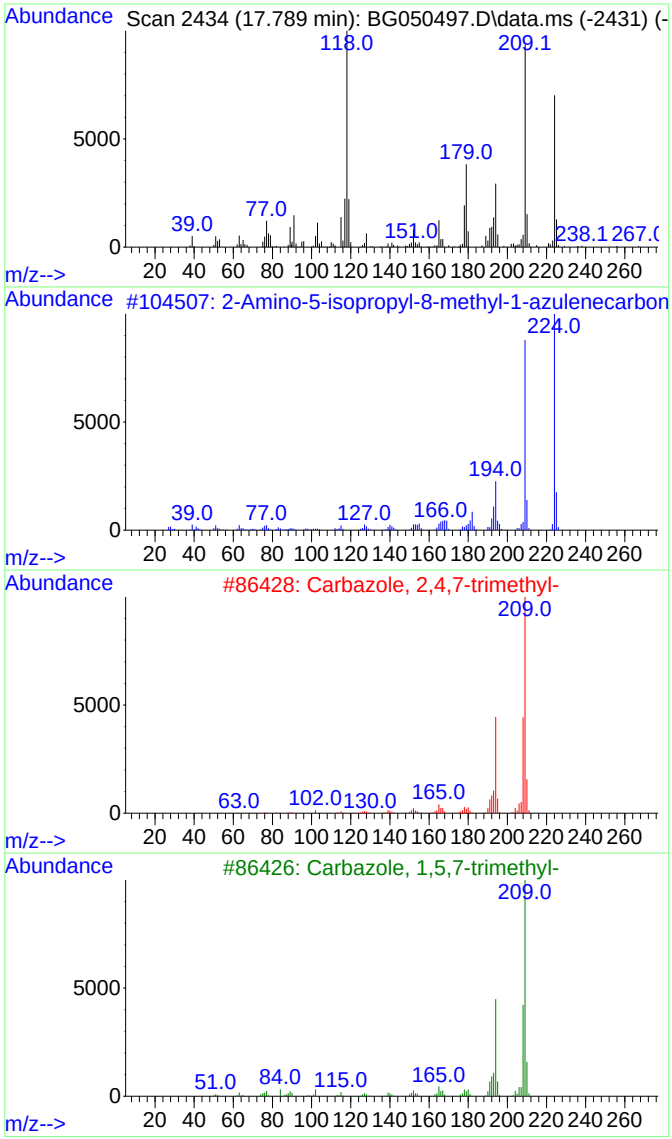
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

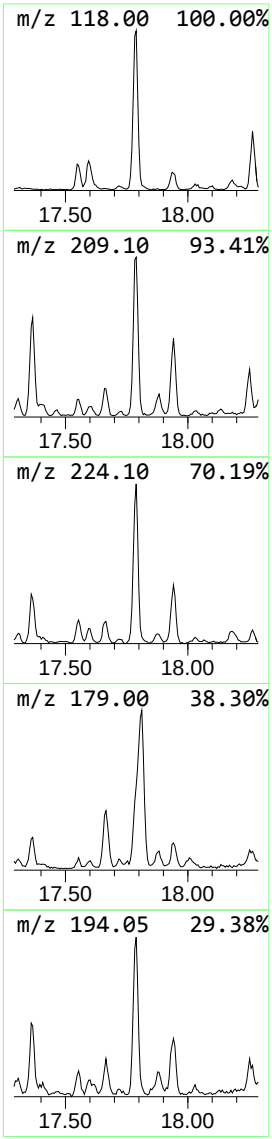
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Amino-5-isopropyl-8-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.789	14.78 ng	603155	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	52
2	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	38
3	Carbazole, 1,5,7-trimethyl-	209	C15H15N	078787-84-5	38
4	Methyl 3-hydroxybenzoate, TMS de...	224	C11H16O3Si	027798-50-1	38
5	Carbazole, 2,4,6-trimethyl-	209	C15H15N	078787-88-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

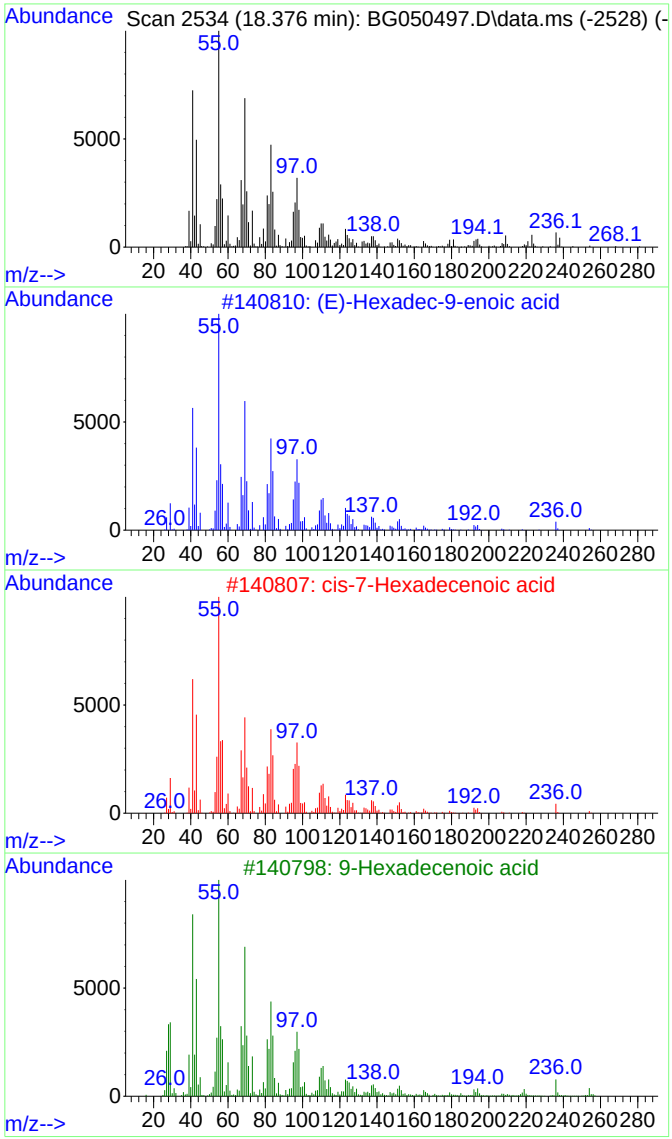
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

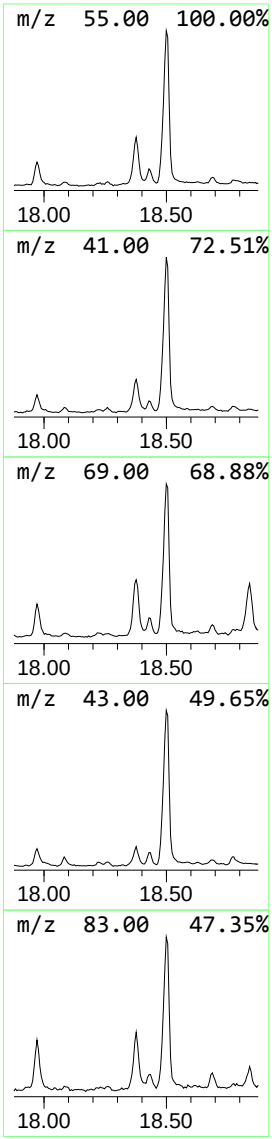
****

Peak Number 3 (E)-Hexadec-9-enoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	22.42 ng	914833	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
3	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	94
4	Heptadecanolide	268	C17H32O2	005637-97-8	91
5	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

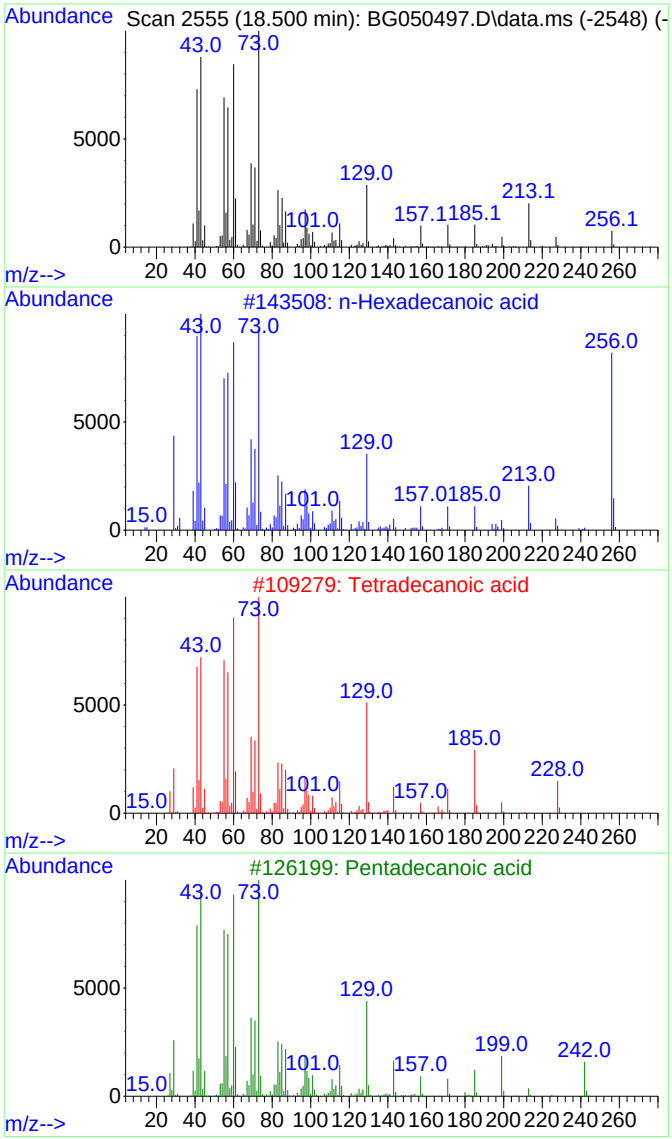
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

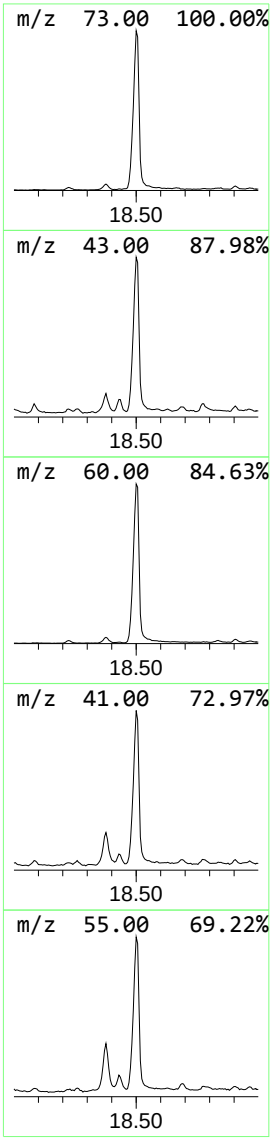
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	104.28 ng	4255620	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

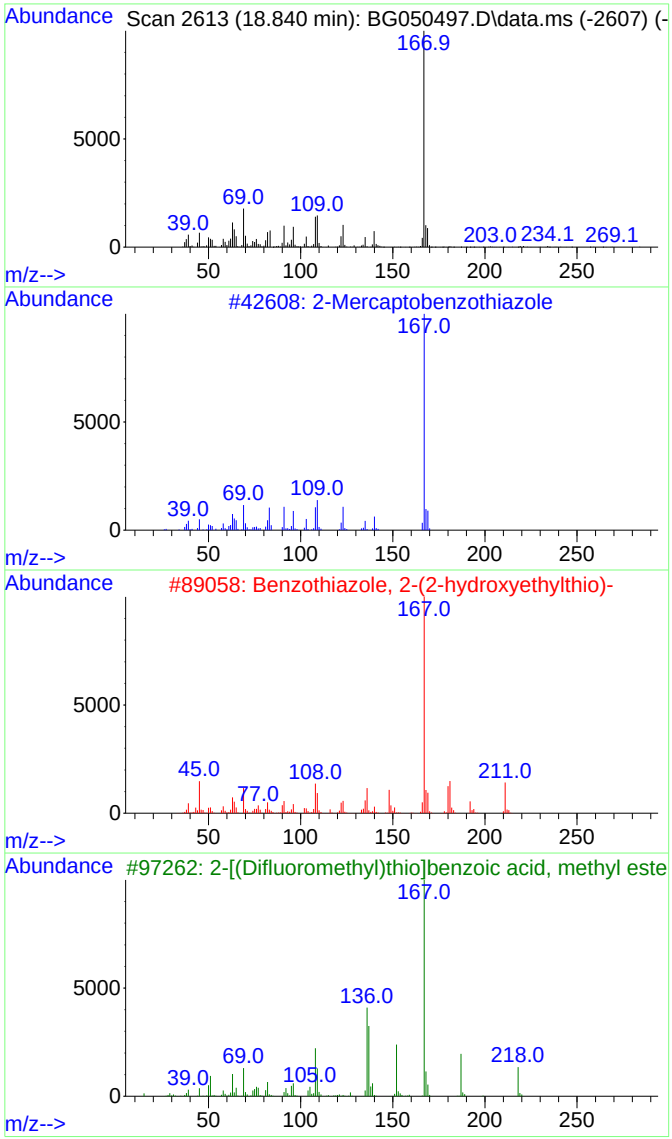
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

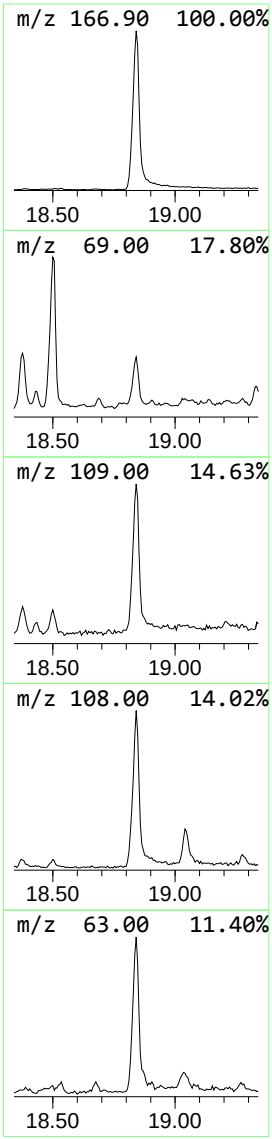
****

Peak Number 5 2-Mercaptobenzothiazole Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.840	27.08 ng	1105290	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
2	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	72
3	2-[(Difluoromethyl)thio]benzoic ...	218	C9H8F2O2S	079676-61-2	64
4	5-(2-Furyl)-4H-1,2,4-triazole-3-...	167	C6H5N3OS	035771-65-4	59
5	Benzoic acid, 2-(trifluoroacetyl...	264	C10H7F3O3S	1000375-16-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

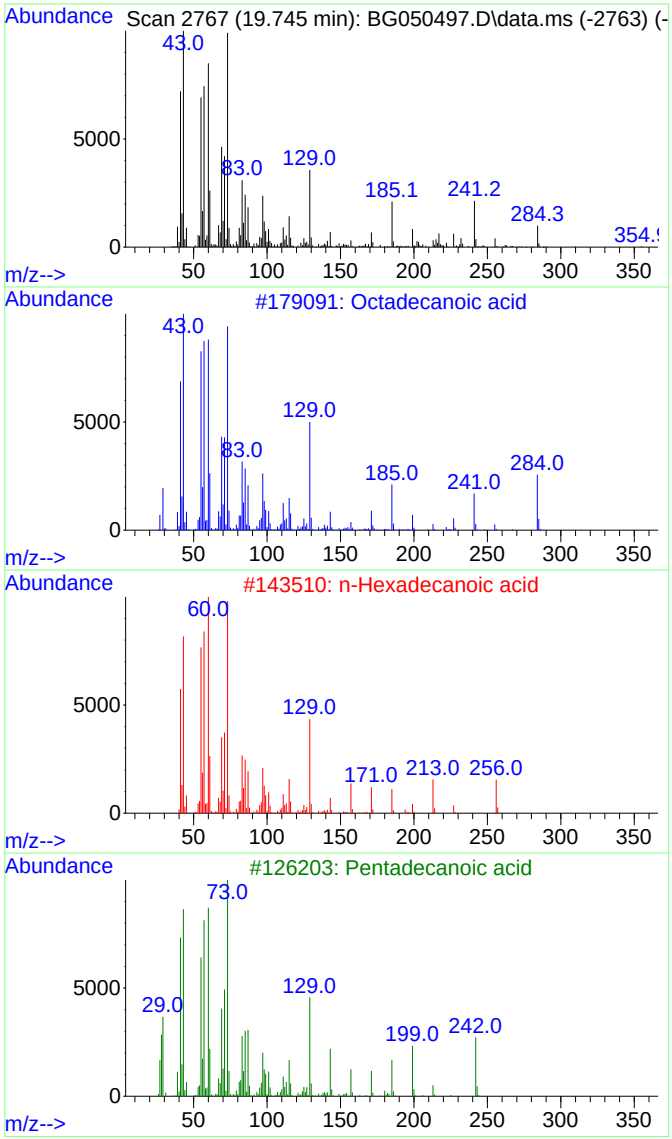
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

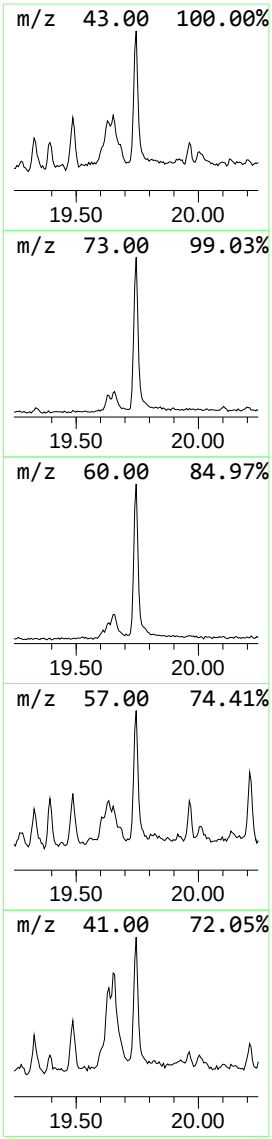
****

Peak Number 6 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.745	20.18 ng	823672	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

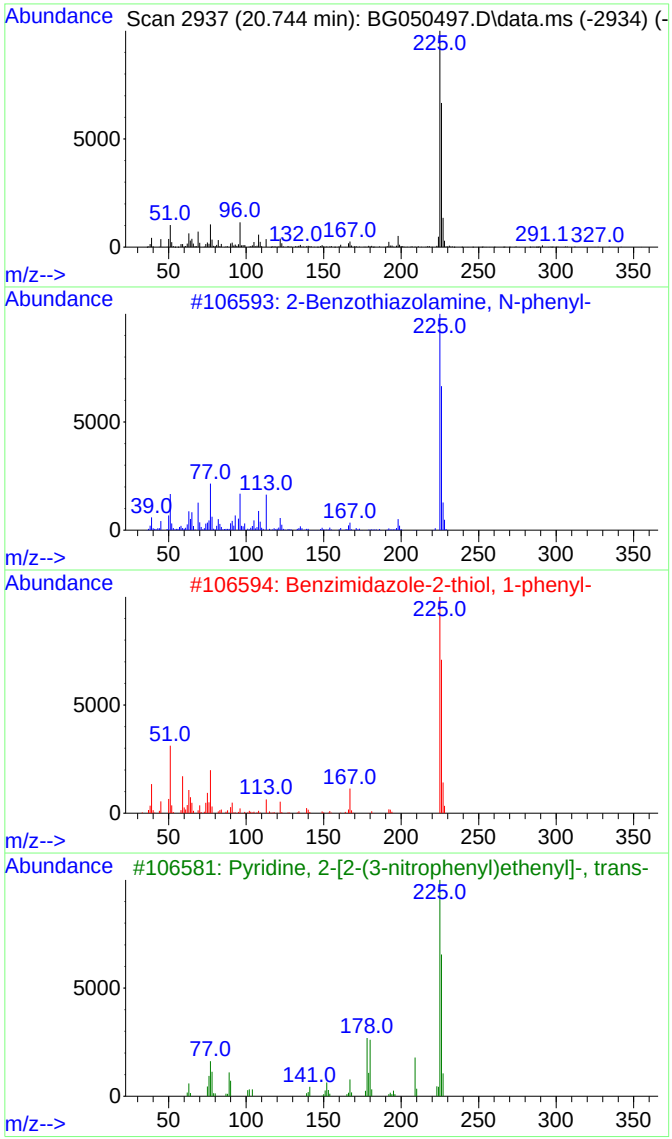
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

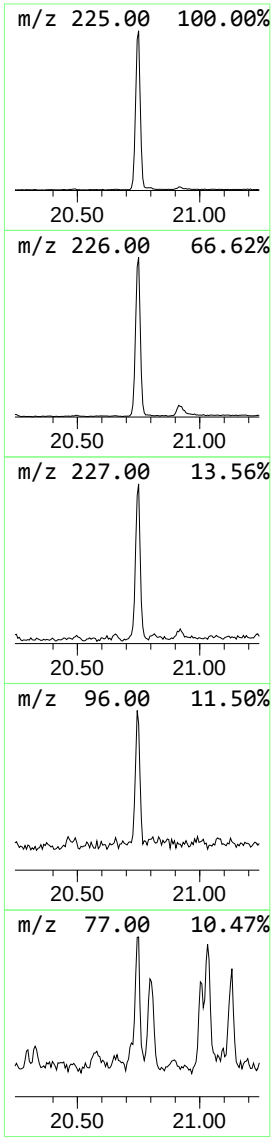
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Benzothiazolamine, N-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.744	13.10 ng	624336	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiazolamine, N-phenyl-	226	C13H10N2S	001843-21-6	86
2	Benzimidazole-2-thiol, 1-phenyl-	226	C13H10N2S	004493-32-7	80
3	Pyridine, 2-[2-(3-nitrophenyl)et...	226	C13H10N2O2	055532-26-8	64
4	2-(p-Fluorophenyl)-1-methylbenzi...	226	C14H11FN2	000724-59-4	50
5	3-(1-Phenyl-1H-benzoimidazol-2-y...	298	C16H14N2O2S	1000296-13-7	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

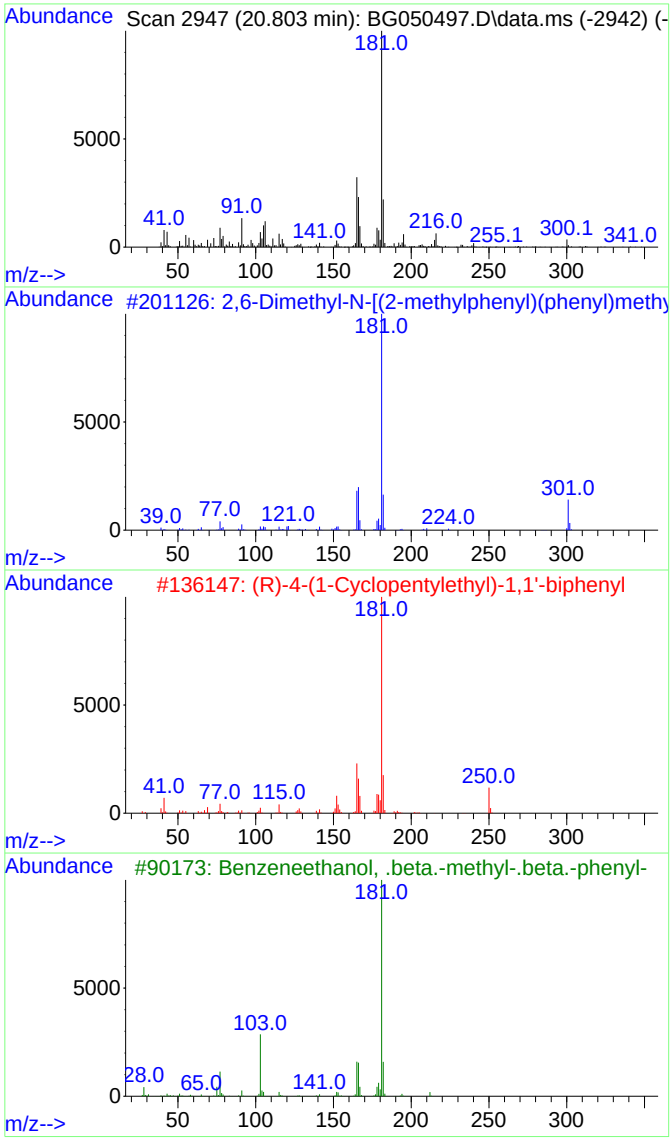
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

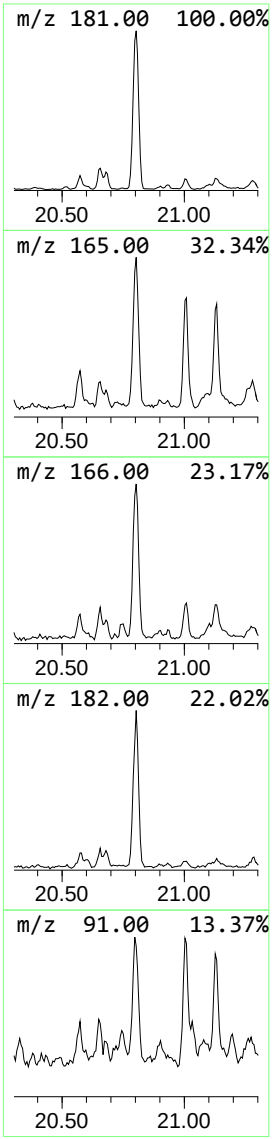
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,6-Dimethyl-N-[(2-methylph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.803	16.82 ng	801545	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-N-[(2-methylphenyl)...	301	C22H23N	1000326-47-6	83
2	(R)-4-(1-Cyclopentylethyl)-1,1'-...	250	C19H22	1402851-80-2	64
3	Benzeneethanol, .beta.-methyl-.b...	212	C15H16O	074421-26-4	64
4	Bifenthrin	422	C23H22ClF3O2	082657-04-3	59
5	Propionamide, 2,2-diphenyl-N-(2-...	302	C20H18N2O	333435-03-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

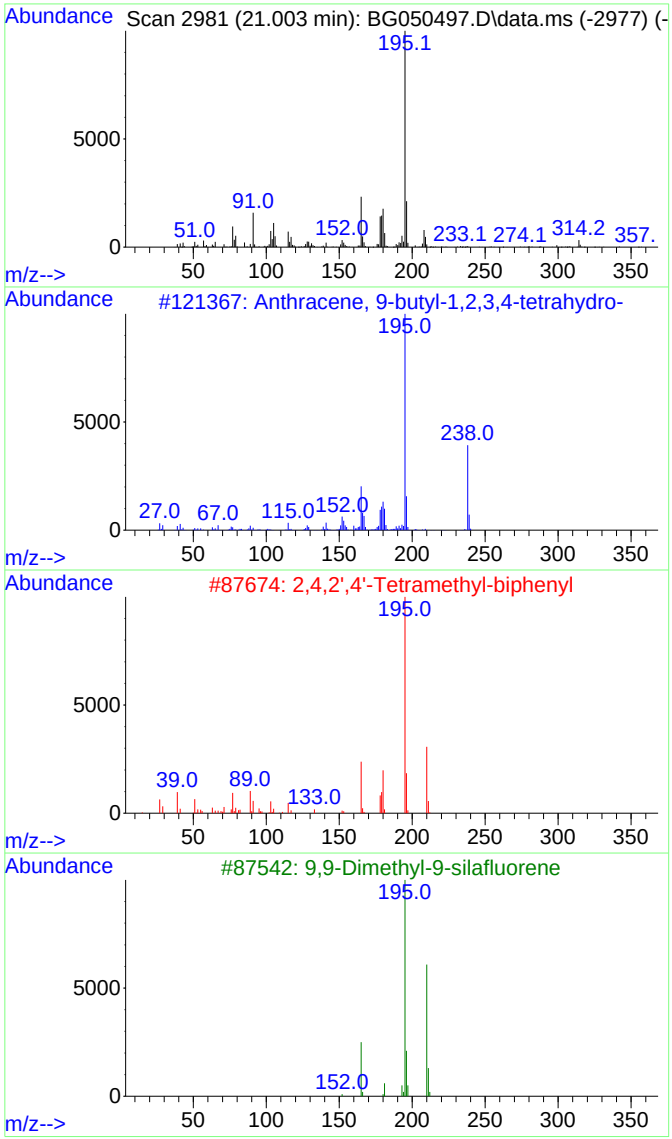
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

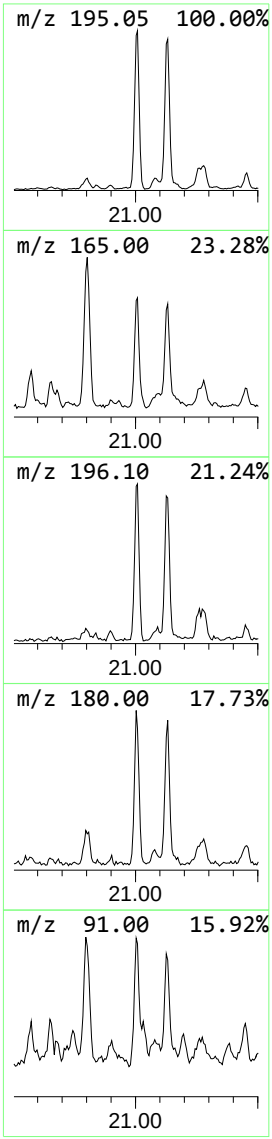
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 9-butyl-1,2,3,4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.003	11.65 ng	555242	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1010151-39-2	86
2	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	78
3	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	59
4	Benzophenone 4-phenylsemicarbazone	315	C20H17N3O	003043-79-6	58
5	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

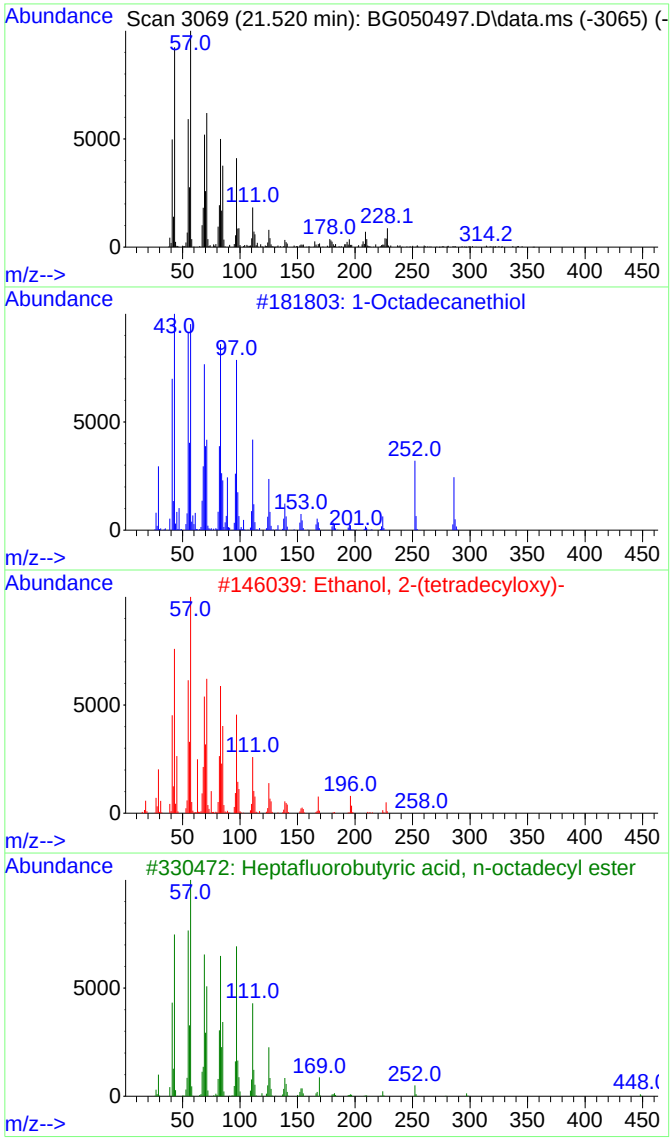
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

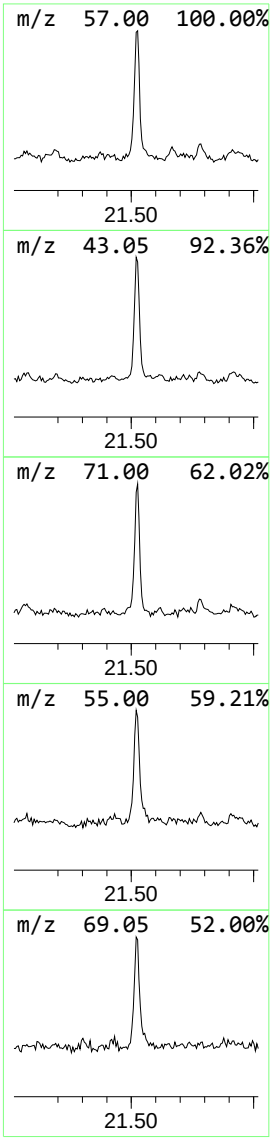
****

Peak Number 10 1-Octadecanethiol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.520	13.29 ng	633427	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanethiol	286	C18H38S	002885-00-9	89
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

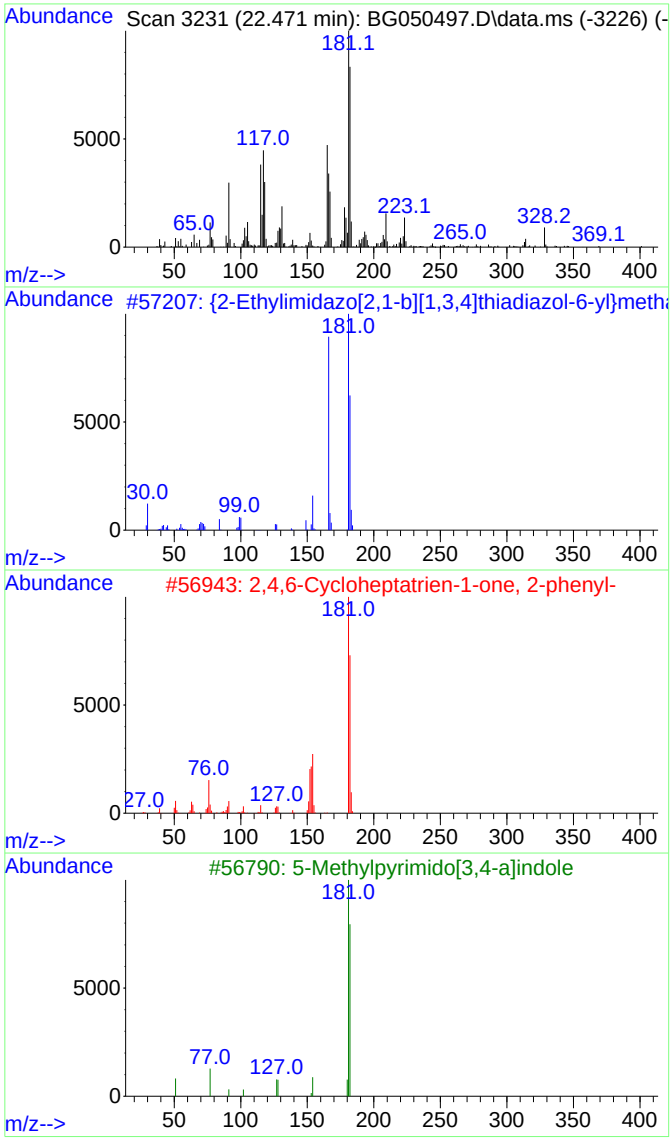
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

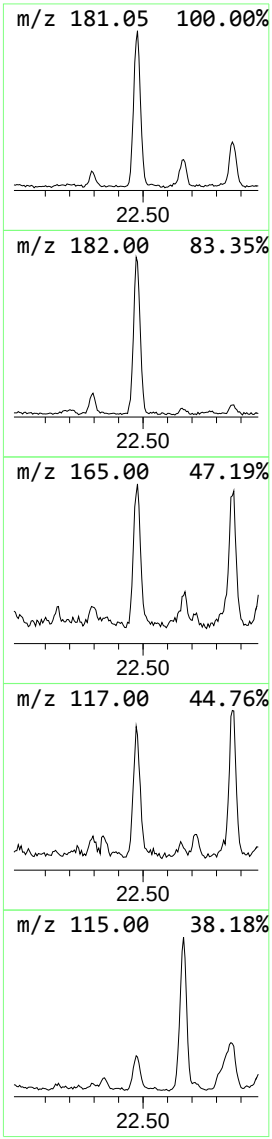
****

Peak Number 11 unknown22.471 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.471	14.58 ng	694951	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	{2-Ethylimidazo[2,1-b][1,3,4]thi...	182	C7H10N4S	1000459-66-7	43
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	38
3	5-Methylpyrimido[3,4-a]indole	182	C12H10N2	030689-02-2	38
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	35
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

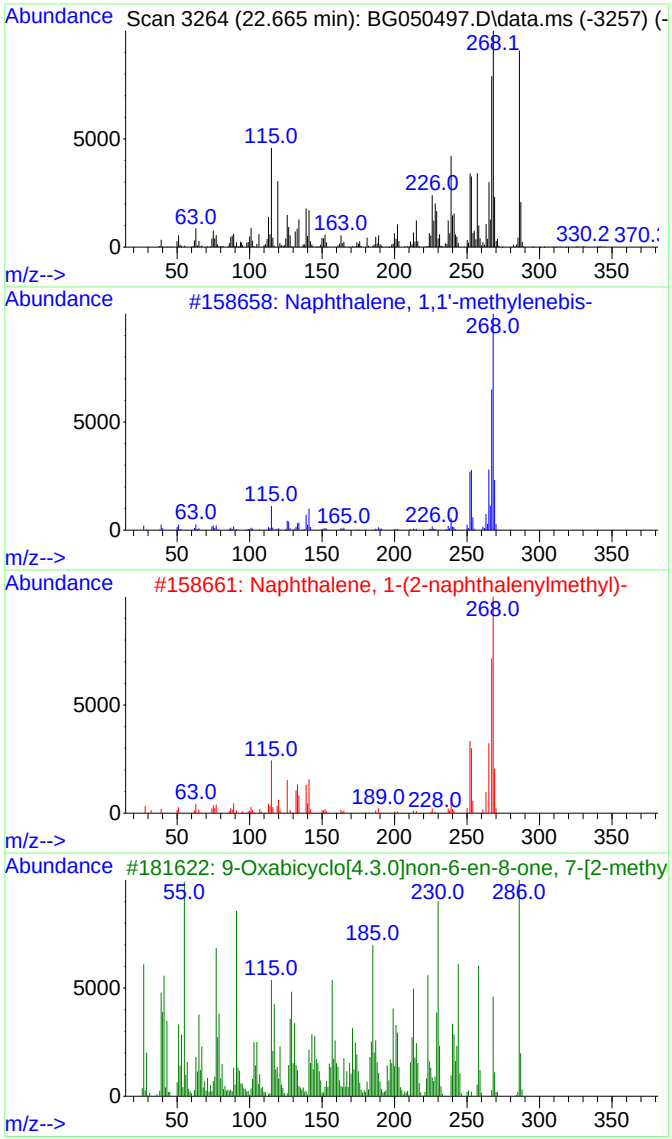
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

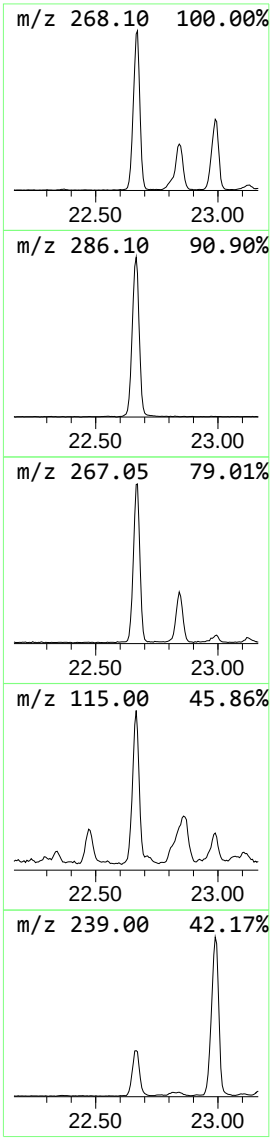
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,1'-methylene... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.665	59.95 ng	2857590	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	90
2	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	87
3	9-Oxabicyclo[4.3.0]non-6-en-8-on...	286	C17H18O4	1000160-28-9	78
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	70
5	3-Methylcholanthrene	268	C21H16	000056-49-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

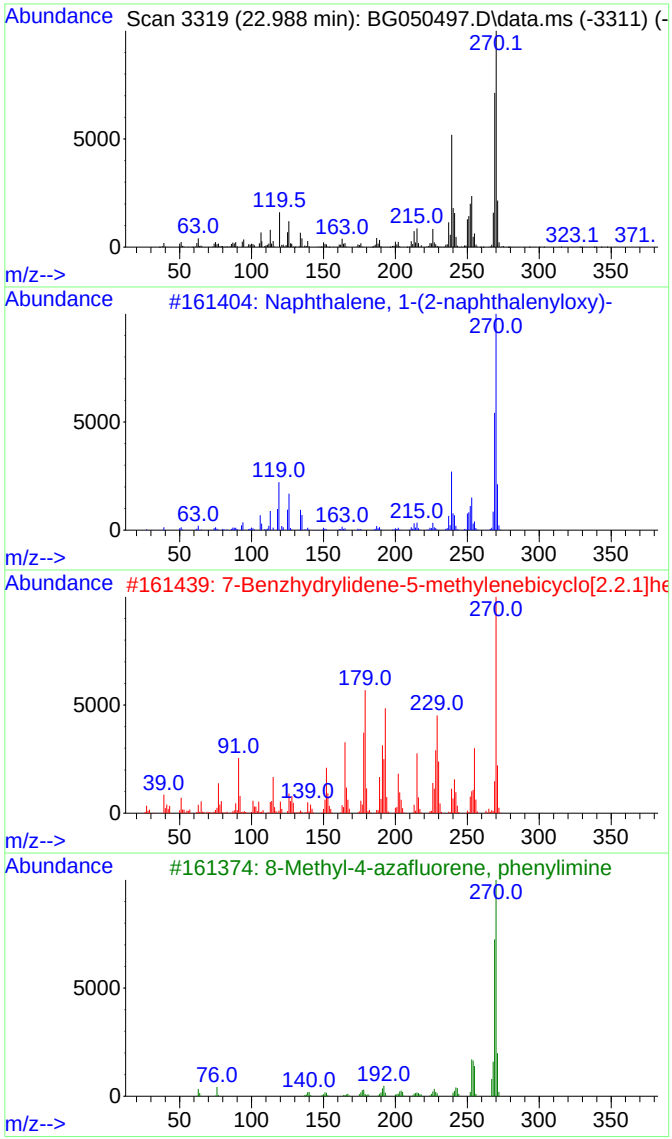
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

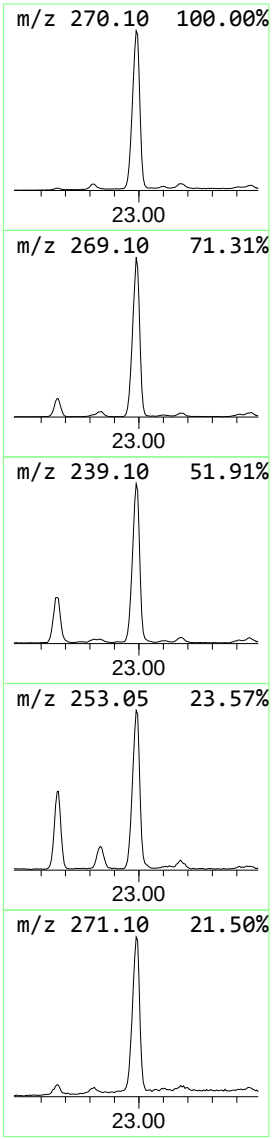
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1-(2-naphthale... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.988	99.87 ng	4760370	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	96
2	7-Benzhydrylidene-5-methylenebic...	270	C21H18	094371-60-5	83
3	8-Methyl-4-azafluorene, phenylimine	270	C19H14N2	1000216-54-2	64
4	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	64
5	Benz[a]anthracene-7-carboxaldehy...	270	C20H14O	013345-61-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

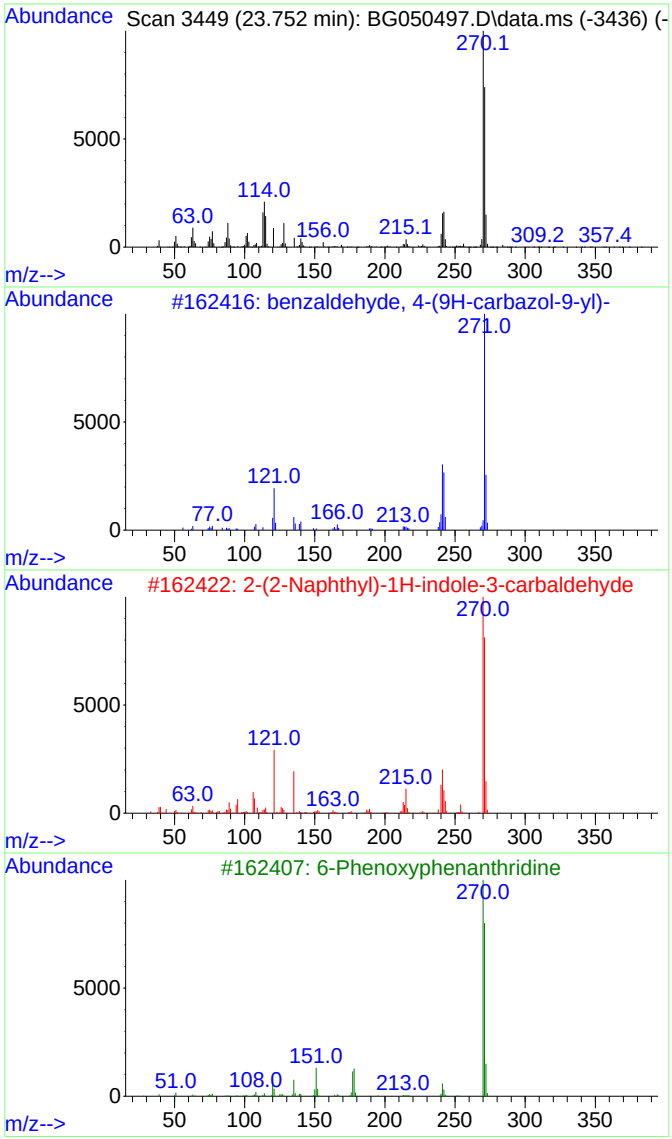
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

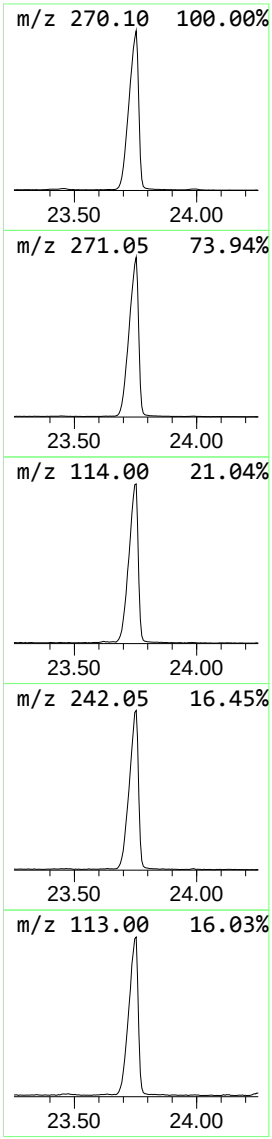
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 benzaldehyde, 4-(9H-carbazo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.752	250.98 ng	12114100	Perylene-d12	25.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzaldehyde, 4-(9H-carbazol-9-yl)-	271	C19H13NO	1000401-75-3	60
2	2-(2-Naphthyl)-1H-indole-3-carba...	271	C19H13NO	094210-62-5	59
3	6-Phenoxyphenanthridine	271	C19H13NO	003340-87-2	59
4	3-Methyl-1-phenyl-4-azafluorenone	271	C19H13NO	062578-46-5	49
5	Pyrazolo[1,5-a]pyrimidine, 2,5-d...	271	C18H13N3	130159-66-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

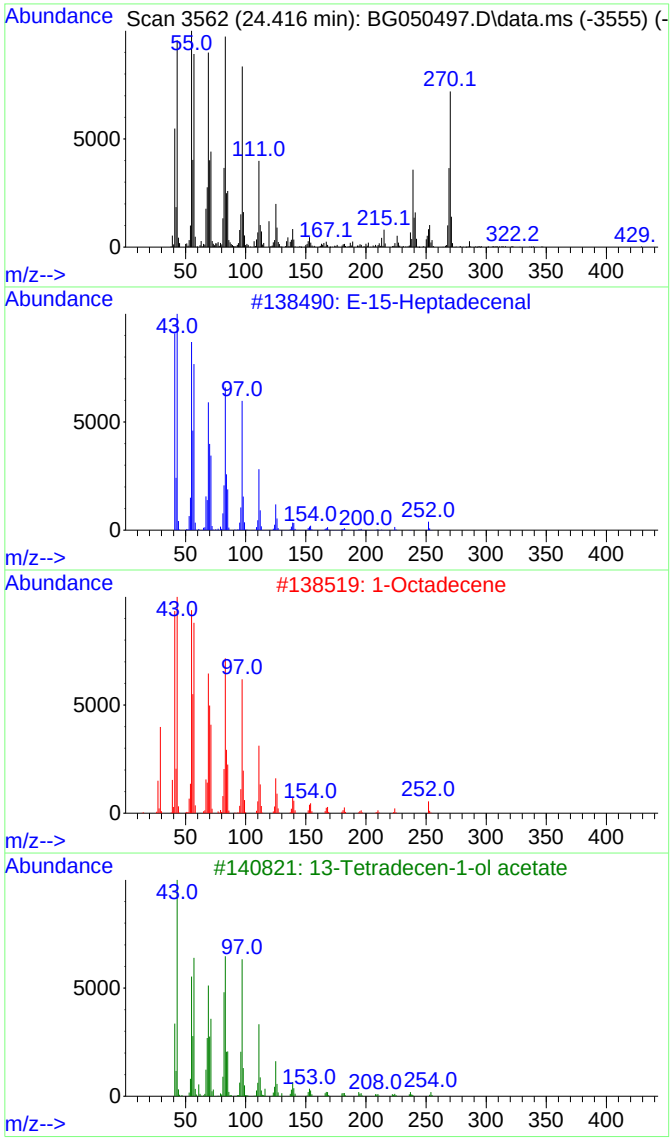
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

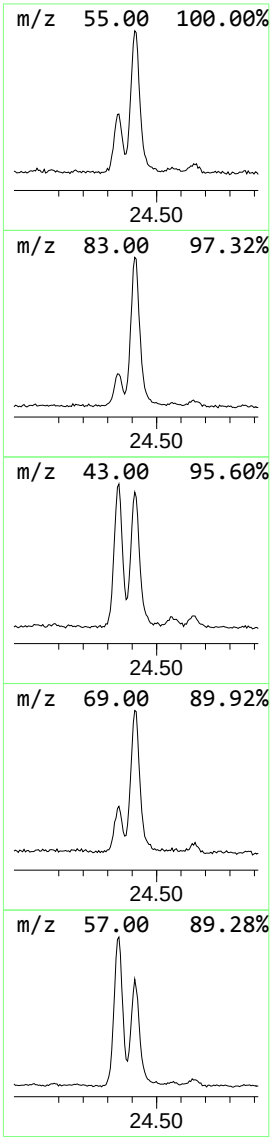
****

Peak Number 15 E-15-Heptadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.416	49.60 ng	2393800	Perylene-d12	25.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	1-Octadecene	252	C18H36	000112-88-9	90
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89
4	1-Hexacosene	364	C26H52	018835-33-1	89
5	1-Tetracosene	336	C24H48	010192-32-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

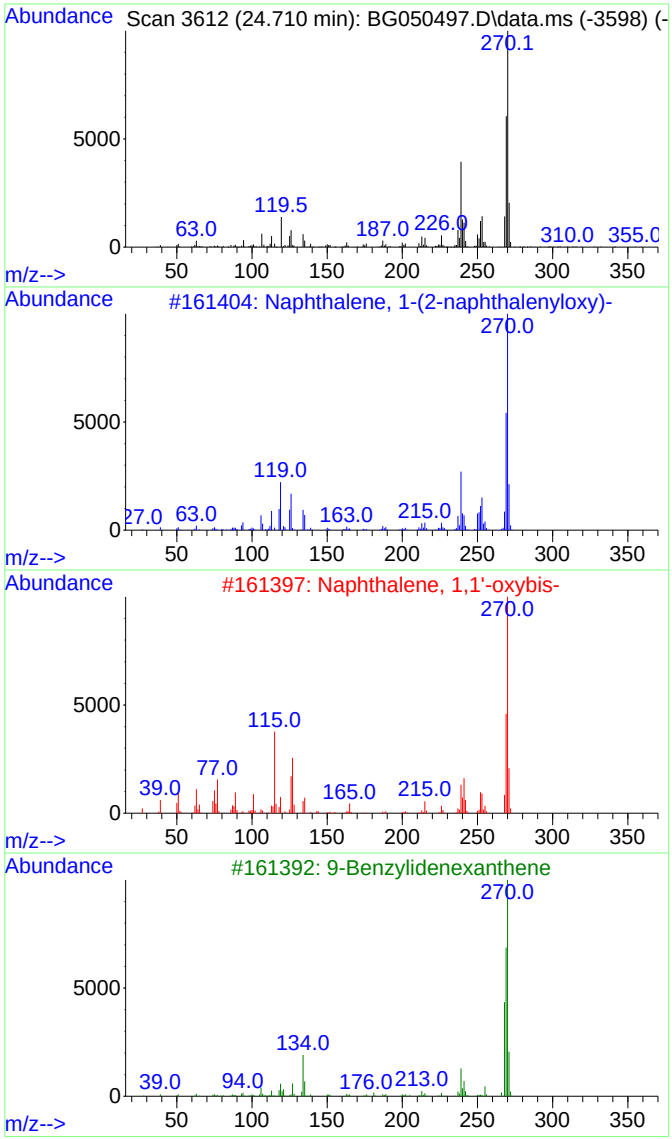
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

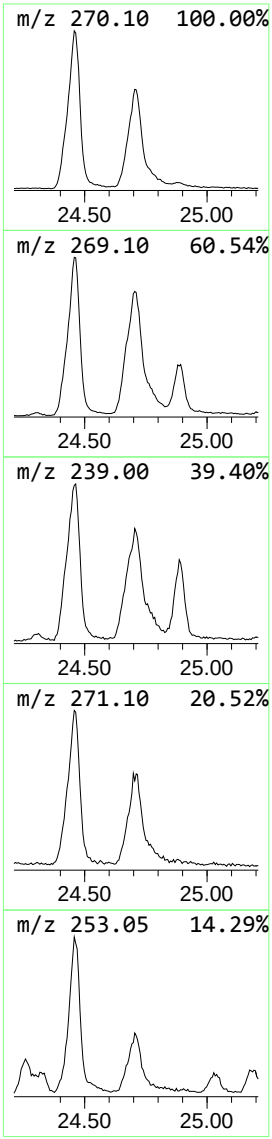
****

Peak Number 16 Naphthalene, 1,1'-oxybis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.710	46.86 ng	2261970	Perylene-d12	25.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	91
2	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	87
3	9-Benzylidenexanthene	270	C20H14O	027980-52-5	70
4	7-Acetoxy-9,10-dihydrobenzo[a]py...	312	C22H16O2	084438-28-8	64
5	9-(4-Aminophenyl)acridine	270	C19H14N2	1000298-83-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

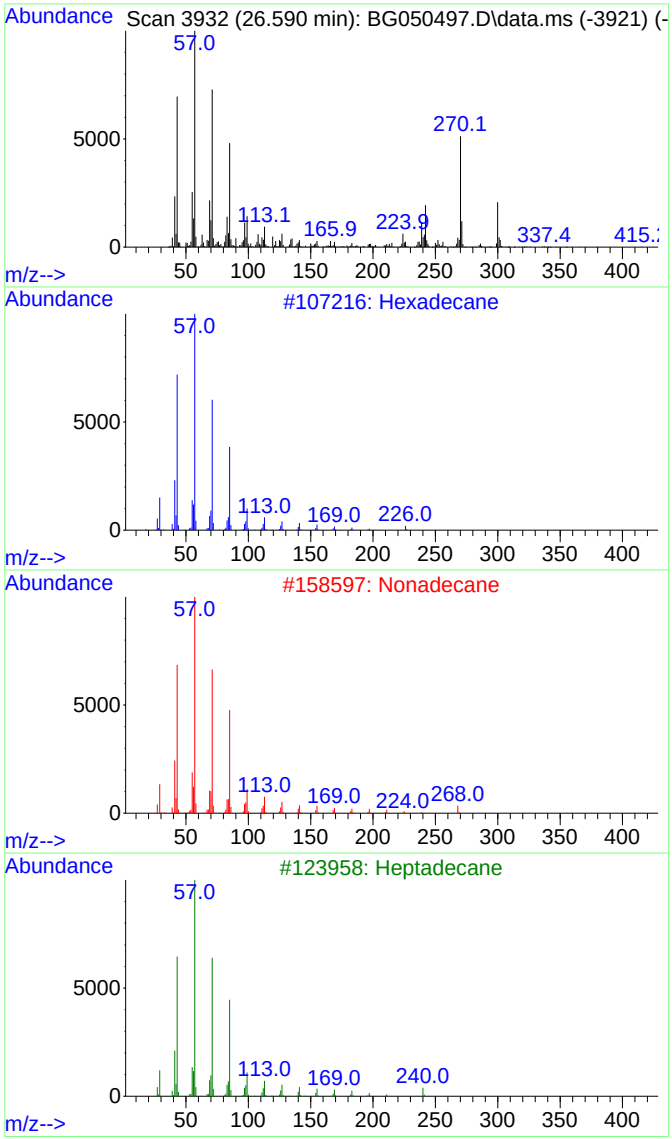
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

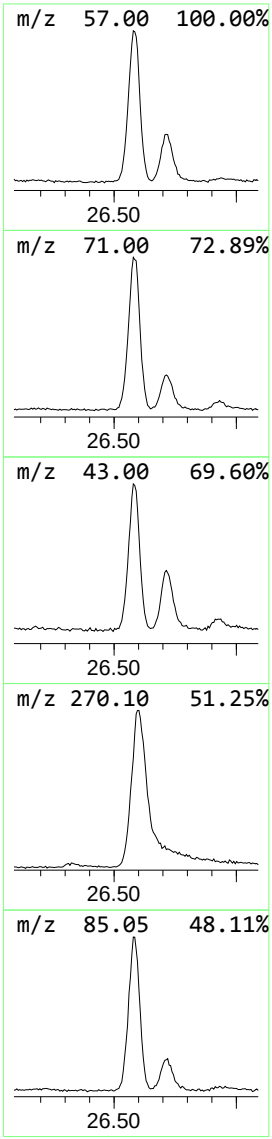
****

Peak Number 17 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.590	63.18 ng	3049470	Perylene-d12	25.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Eicosane	282	C20H42	000112-95-8	83
5	Pentadecane	212	C15H32	000629-62-9	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

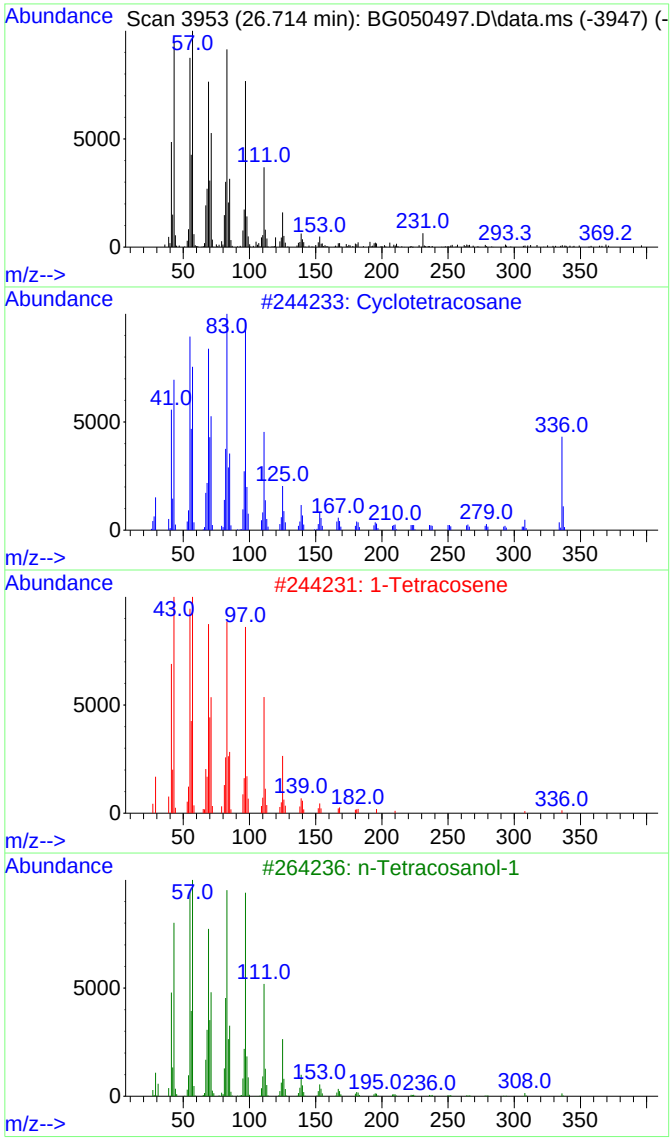
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

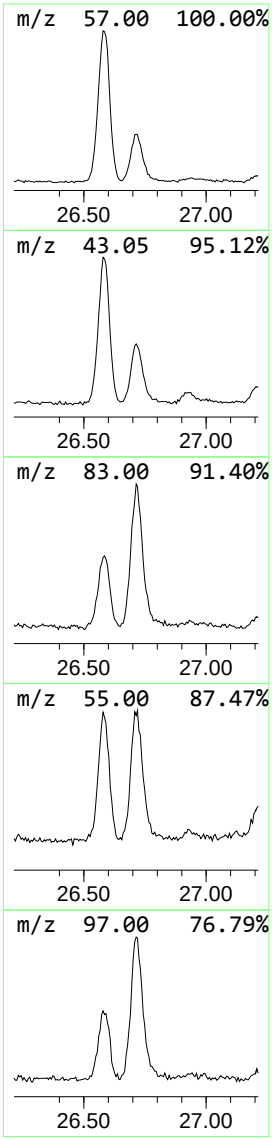
****

Peak Number 18 Cyclotetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.714	25.79 ng	1244590	Perylene-d12	25.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Tetracosene	336	C24H48	010192-32-2	96
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptacos-1-ene	378	C27H54	015306-27-1	93
5	1-Tricosene	322	C23H46	018835-32-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

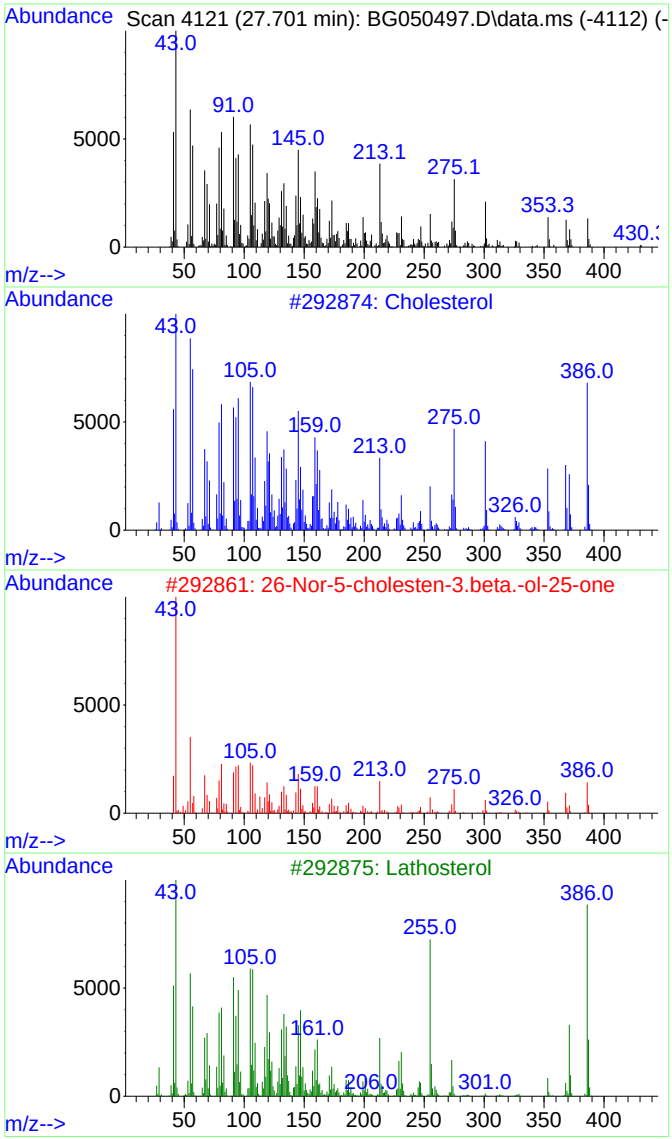
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

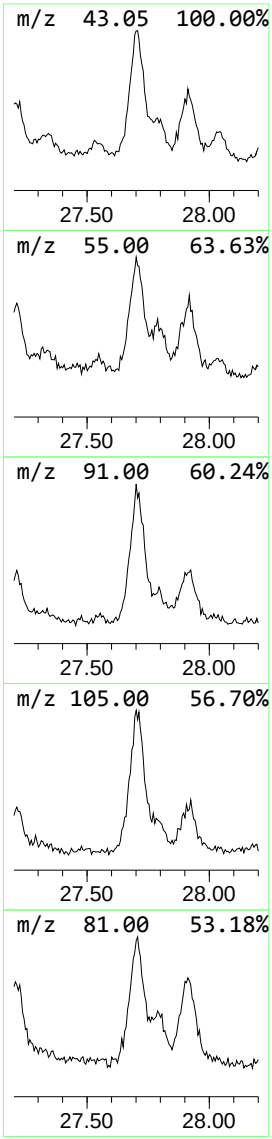
****

Peak Number 19 Cholesterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.701	33.30 ng	1607170	Perylene-d12	25.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	97
3	Lathosterol	386	C27H46O	000080-99-9	83
4	Boscartol F	300	C20H28O2	1486443-17-7	64
5	Cholesteryl 3-cyclohexylbutyrate	538	C37H62O2	1000252-82-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

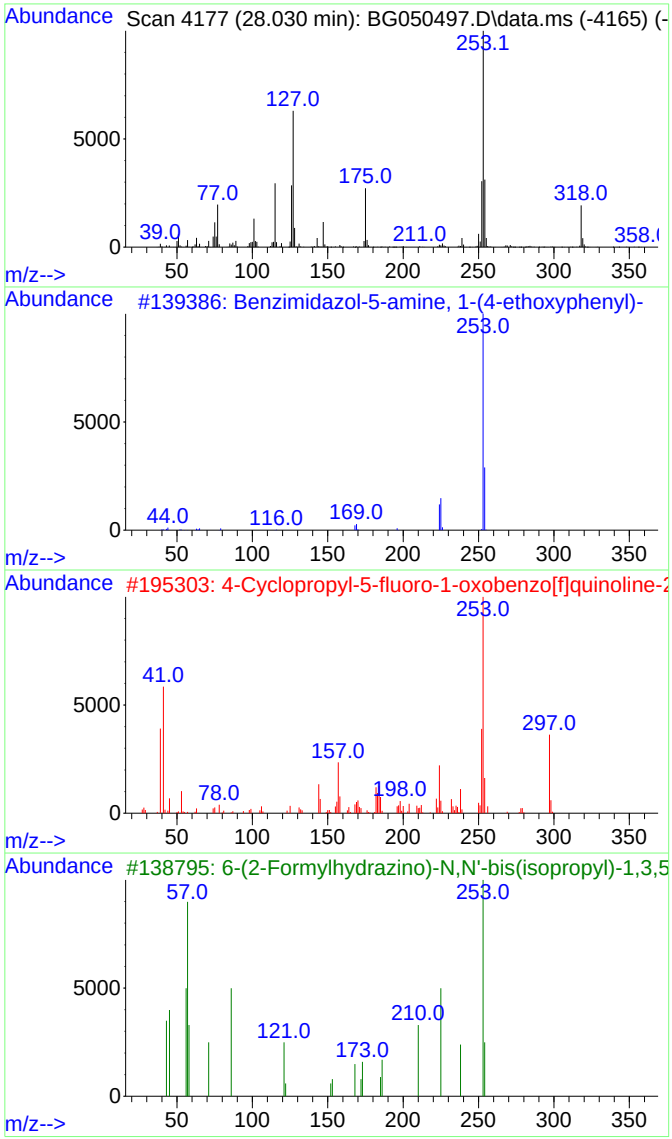
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

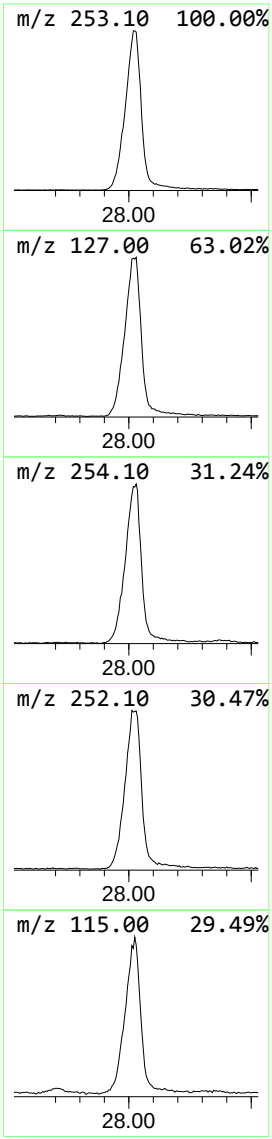
****

Peak Number 20 unknown28.030 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.030	89.38 ng	4314000	Perylene-d12	25.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	27
2	4-Cyclopropyl-5-fluoro-1-oxobenz...	297	C17H12FNO3	1000435-59-2	17
3	6-(2-Formylhydrazino)-N,N'-bis(i...	253	C10H19N7O	084305-82-8	16
4	Binaphthyl sulfone	318	C20H14O2S	032390-26-4	16
5	2-Anilino-4-chloroquinoline	254	C15H11ClN2	032888-95-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050497.D
Acq On : 8 Oct 2021 00:36
Operator : CG/JU
Sample : M4131-02 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-05(NA)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,2',4'-Tetra...	16.555	34.9	ng	1425860	4	17.618	816167	20.0
2-Amino-5-isopr...	17.789	14.8	ng	603155	4	17.618	816167	20.0
(E)-Hexadec-9-e...	18.376	22.4	ng	914833	4	17.618	816167	20.0
n-Hexadecanoic ...	18.500	104.3	ng	4255620	4	17.618	816167	20.0
2-Mercaptobenzo...	18.840	27.1	ng	1105290	4	17.618	816167	20.0
Octadecanoic acid	19.745	20.2	ng	823672	4	17.618	816167	20.0
2-Benzothiazola...	20.744	13.1	ng	624336	5	21.919	953276	20.0
2,6-Dimethyl-N-...	20.803	16.8	ng	801545	5	21.919	953276	20.0
Anthracene, 9-b...	21.003	11.7	ng	555242	5	21.919	953276	20.0
1-Octadecanethiol	21.520	13.3	ng	633427	5	21.919	953276	20.0
unknown22.471	22.471	14.6	ng	694951	5	21.919	953276	20.0
Naphthalene, 1,...	22.665	60.0	ng	2857590	5	21.919	953276	20.0
Naphthalene, 1-...	22.988	99.9	ng	4760370	5	21.919	953276	20.0
benzaldehyde, 4...	23.752	251.0	ng	12114100	6	25.345	965334	20.0
E-15-Heptadecenal	24.416	49.6	ng	2393800	6	25.345	965334	20.0
Naphthalene, 1,...	24.710	46.9	ng	2261970	6	25.345	965334	20.0
Hexadecane	26.590	63.2	ng	3049470	6	25.345	965334	20.0
Cyclotetracosane	26.714	25.8	ng	1244590	6	25.345	965334	20.0
Cholesterol	27.701	33.3	ng	1607170	6	25.345	965334	20.0
unknown28.030	28.030	89.4	ng	4314000	6	25.345	965334	20.0