LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053049.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.690	384	392	399	rBV2	124748	206144	23.29%	2.377%
2	7.276	656	662	670	rBV	135719	242478	27.40%	2.796%
3	8.128	800	807	814	rBV	166738	288087	32.55%	3.322%
4	9.285	998	1004	1015	rVB	82718	156103	17.64%	1.800%
5	10.942	1278	1286	1293	rBV	226562	418899	47.33%	4.830%
6	12.587	1561	1566	1571	rBV3	12211	19943	2.25%	0.230%
7	12.804	1596	1603	1610	rVB3	16526	28093	3.17%	0.324%
8	13.374	1693	1700	1707	rBV	233666	364663	41.20%	4.205%
9	13.914	1787	1792	1800	rVB6	13118	33421	3.78%	0.385%
10	14.073	1811	1819	1824	rBV3	21982	42233	4.77%	0.487%
11	14.126	1824	1828	1832	rVB2	12570	18519	2.09%	0.214%
12	14.308	1854	1859	1863	rBV2	11656	19337	2.18%	0.223%
13	14.472	1882	1887	1896	rVB2	18083	31537	3.56%	0.364%
14	14.749	1924	1934	1941	rBV	363184	584787	66.08%	6.743%
15	14.813	1941	1945	1949	rVB2	16585	25702	2.90%	0.296%
16	14.954	1963	1969	1971	rBV3	7848	10827	1.22%	0.125%
17	15.142	1996	2001	2008	rVB3	17870	31869	3.60%	0.367%
18	15.219	2008	2014	2018	rVB2	11342	16126	1.82%	0.186%
19	15.360	2034	2038	2043	rBV4	10121	16144	1.82%	0.186%
20	15.412	2043	2047	2052	rVB2	8225	10514	1.19%	0.121%
21	15.536	2058	2068	2071	rBV4	8623	18305	2.07%	0.211%
22	15.571	2071	2074	2080	rVB5	6199	10924	1.23%	0.126%
23	15.794	2105	2112	2120	rVV	36058	65213	7.37%	0.752%
24	15.918	2130	2133	2136	rVV4	7084	10418	1.18%	0.120%
25	16.000	2143	2147	2151	rBV5	6284	9738	1.10%	0.112%
26	16.235	2177	2187	2195	rBV2	174800	285850	32.30%	3.296%
27	16.446	2217	2223	2224	rBV2	8379	11341	1.28%	0.131%
28	16.464	2224	2226	2232	rVB5	10509	14825	1.68%	0.171%
29	16.787	2272	2281	2287	rBV6	15368	36089	4.08%	0.416%
30	16.846	2287	2291	2295	rBV3	13320	18063	2.04%	0.208%
31	16.946	2304	2308	2313	rVB5	12512	20057	2.27%	0.231%
32	17.016	2319	2320	2325	rVV5	6326	10436	1.18%	0.120%
33	17.057	2325	2327	2334	rVB7	6144	12211	1.38%	0.141%
34	17.145	2340	2342	2348	rVB6	6858	10421	1.18%	0.120%
35	17.239	2350	2358	2361	rBV9	9065	17948	2.03%	0.207%
36	17.310	2361	2370	2377	rVB2	21261	43541	4.92%	0.502%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.492	2395	2401	2405	rBV	432559	670084	75.71%	7.726%
38	17.533	2405	2408	2415	rVB	181762	259873	29.36%	2.996%
39	17.627	2419	2424	2428	rVB	41224	60860	6.88%	0.702%
40	17.680	2428	2433	2434	rBV4	10743	14379	1.62%	0.166%
41	17.774	2444	2449	2450	rBV4	7166	9227	1.04%	0.106%
42	17.891	2464	2469	2475	rBV7	10131	22421	2.53%	0.259%
43	17.974	2478	2483	2486	rBV6	7602	12857	1.45%	0.148%
44	18.015	2486	2490	2493	rVB5	7113	9966	1.13%	0.115%
45	18.073	2495	2500	2503	rBV2	19284	26862	3.04%	0.310%
46	18.144	2509	2512	2516	rBV4	14584	15773	1.78%	0.182%
47	18.220	2520	2525	2530	rBV3	12498	24281	2.74%	0.280%
48	18.367	2544	2550	2554	rBV2	61737	100870	11.40%	1.163%
49	18.414	2554	2558	2564	rVB	63964	104882	11.85%	1.209%
50	18.496	2567	2572	2577	rBV	23573	40623	4.59%	0.468%
51	18.561	2577	2583	2587	rBV4	68868	149181	16.86%	1.720%
52	18.596	2587	2589	2594	rVB	40401	54509	6.16%	0.629%
53	18.667	2598	2601	2605	rBV5	10645	15176	1.71%	0.175%
54	18.761	2613	2617	2621	rBV7	8068	14510	1.64%	0.167%
55	18.861	2629	2634	2638	rBV	31399	47327	5.35%	0.546%
56	18.902	2638	2641	2643	rBV4	11920	14486	1.64%	0.167%
57	19.102	2670	2675	2679	rVB5	14567	29249	3.30%	0.337%
58	19.160	2682	2685	2687	rVV3	19114	23760	2.68%	0.274%
59	19.190	2688	2690	2695	rVB5	13918	19859	2.24%	0.229%
60	19.278	2700	2705	2708	rBV3	77326	117451	13.27%	1.354%
61	19.313	2708	2711	2714	rVB5	13269	17737	2.00%	0.205%
62	19.419	2724	2729	2731	rBV3	23682	38660	4.37%	0.446%
63	19.542	2744	2750	2755	rBV	240021	355911	40.22%	4.104%
64	19.689	2772	2775	2778	rVB	15184	18147	2.05%	0.209%
65	19.865	2801	2805	2807	rBV	41263	57989	6.55%	0.669%
66	19.900	2807	2811	2818	rVV	261898	397170	44.88%	4.580%
67	19.971	2820	2823	2829	rVB4	23629	37959	4.29%	0.438%
68	20.094	2838	2844	2848	rBV	360720	474581	53.62%	5.472%
69	20.229	2862	2867	2872	rVB5	30952	61356	6.93%	0.707%
70	20.388	2891	2894	2898	rVB3	61444	87820	9.92%	1.013%
71	20.488	2908	2911	2916	rVB	38721	45702	5.16%	0.527%
72	20.552	2919	2922	2926	rVB	36200	44910	5.07%	0.518%
73	20.693	2941	2946	2949	rBV	37462	60532	6.84%	0.698%
74	21.774	3122	3130	3136	rBV2	398866	885010	100.00%	10.205%
75	21.821	3136	3138	3144	rVB	99750	143680	16.23%	1.657%
76	24.036	3510	3515	3523	rBV2	55003	145731	16.47%	1.680%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.923	3661	3666	3677	rVB2	72625	193936	21.91%	2.236%
78	25.082	3685	3693	3703	rBV2	190706	586572	66.28%	6.763%

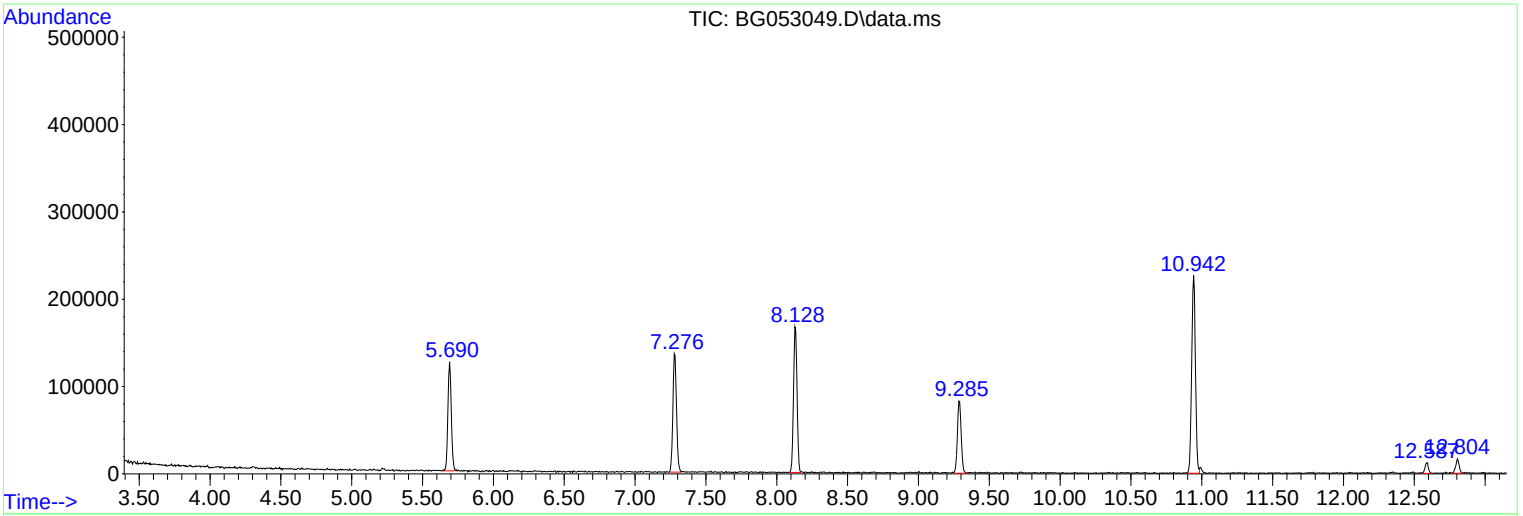
Sum of corrected areas: 8672675

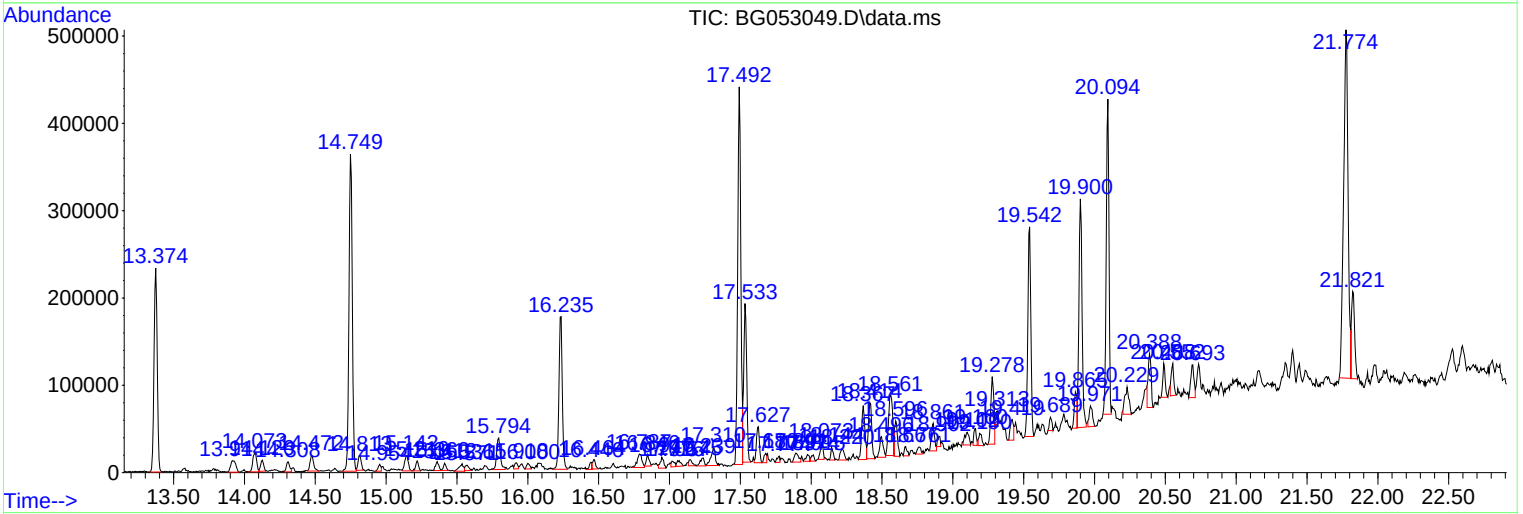
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

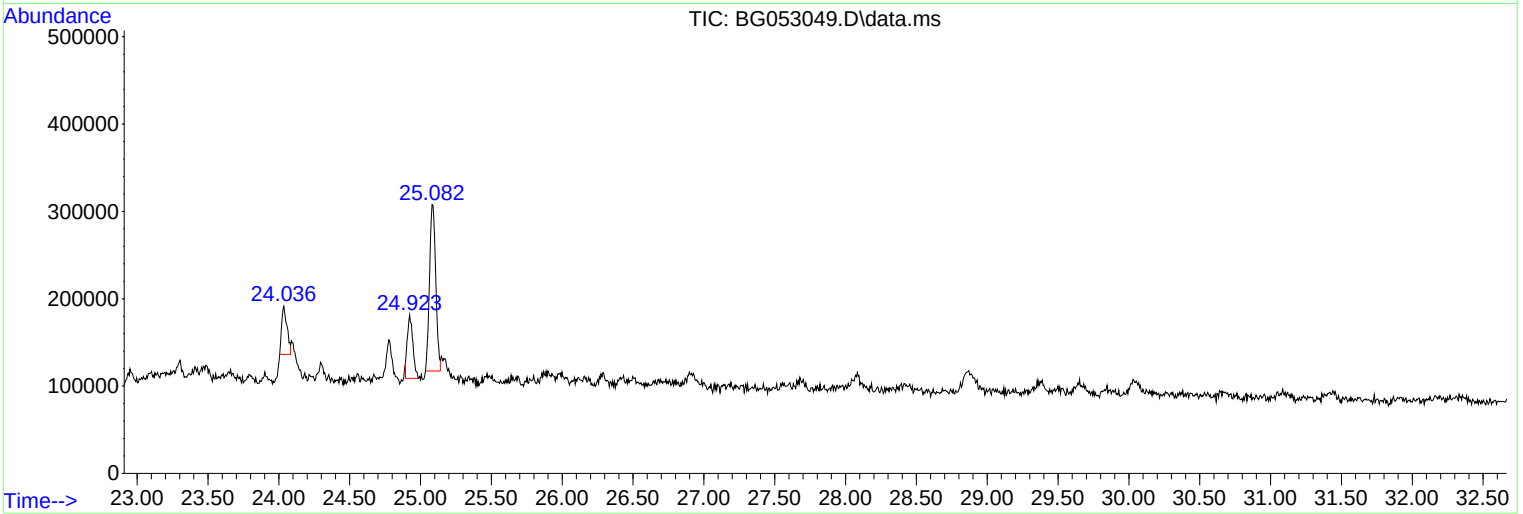
Instrument :
BNA_G
ClientSampleId :
SU-02-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

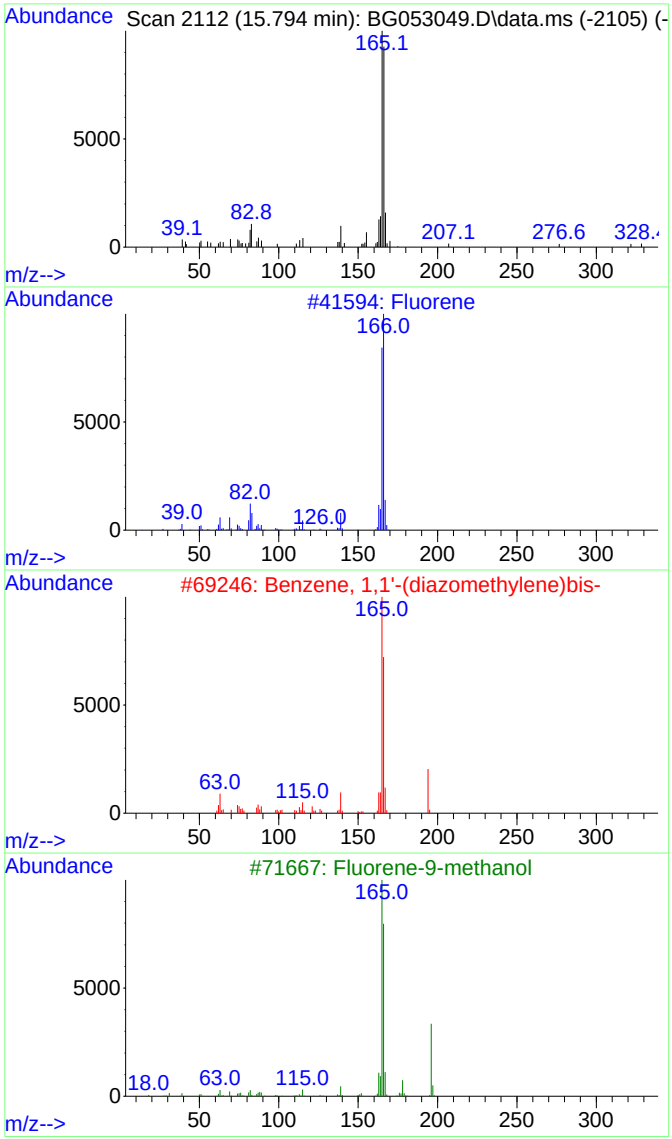
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

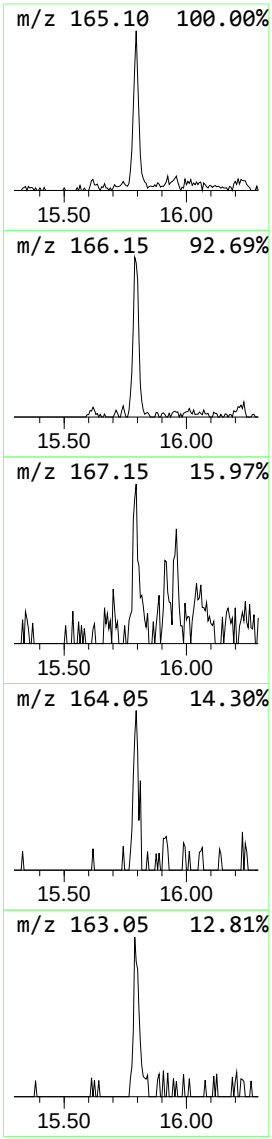
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,1'-(diazomethyle... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.794	2.23 ng	65213	Acenaphthene-d10	14.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	91
2	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	83
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	83
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	78
5	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17NO4	035661-39-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

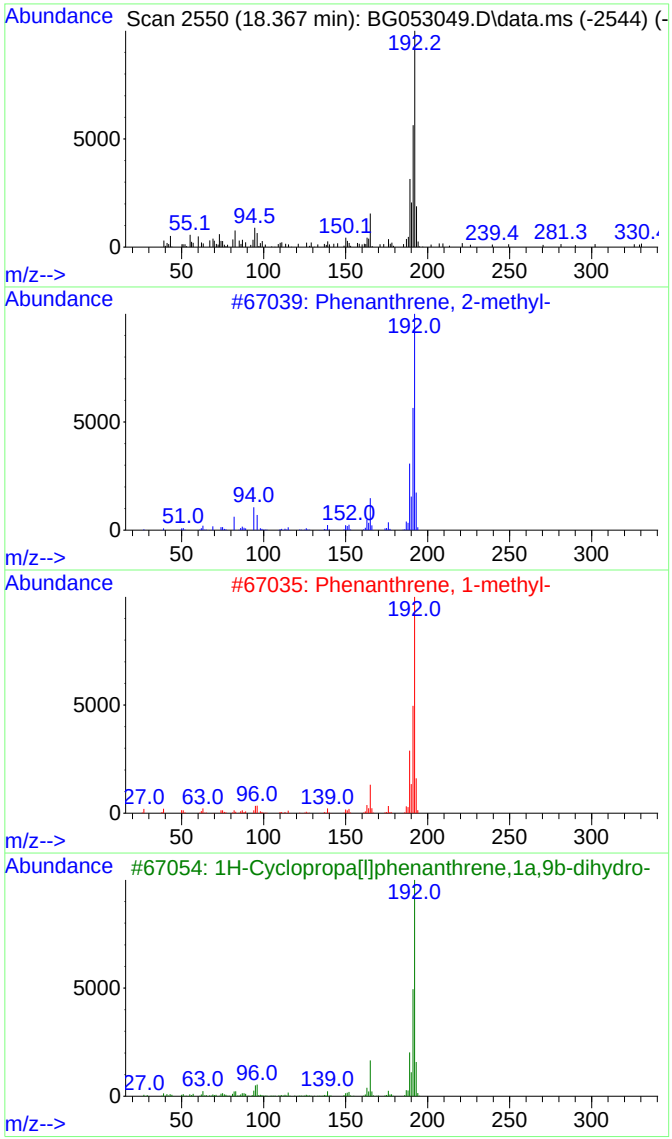
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

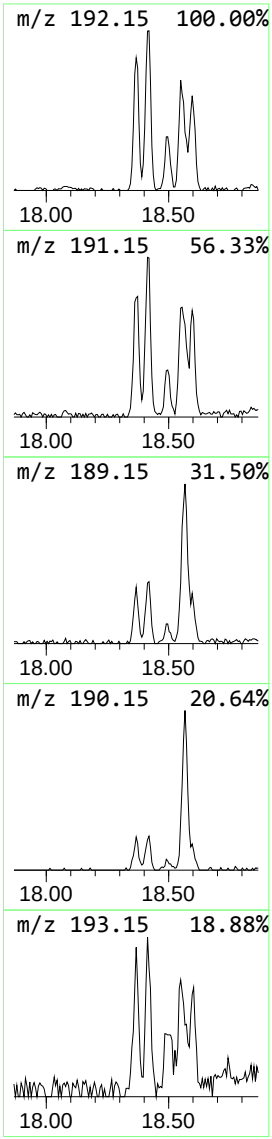
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	3.01 ng	100870	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

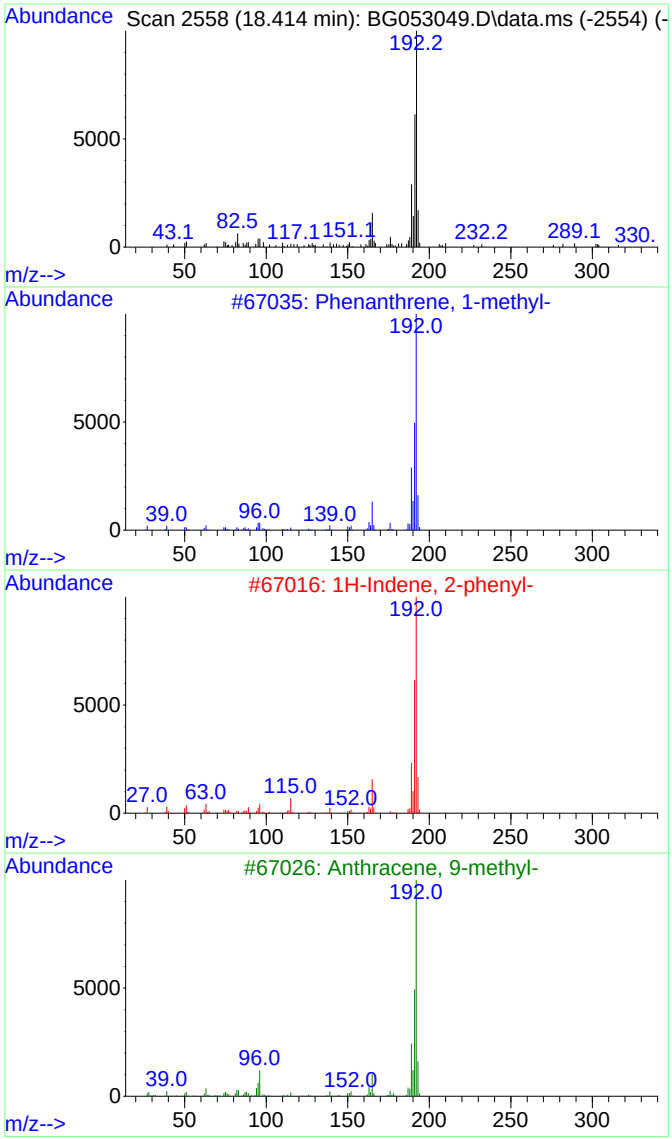
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

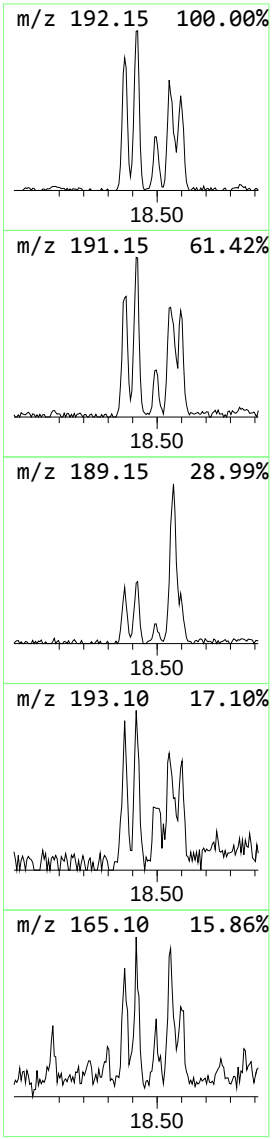
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.414	3.13 ng	104882	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

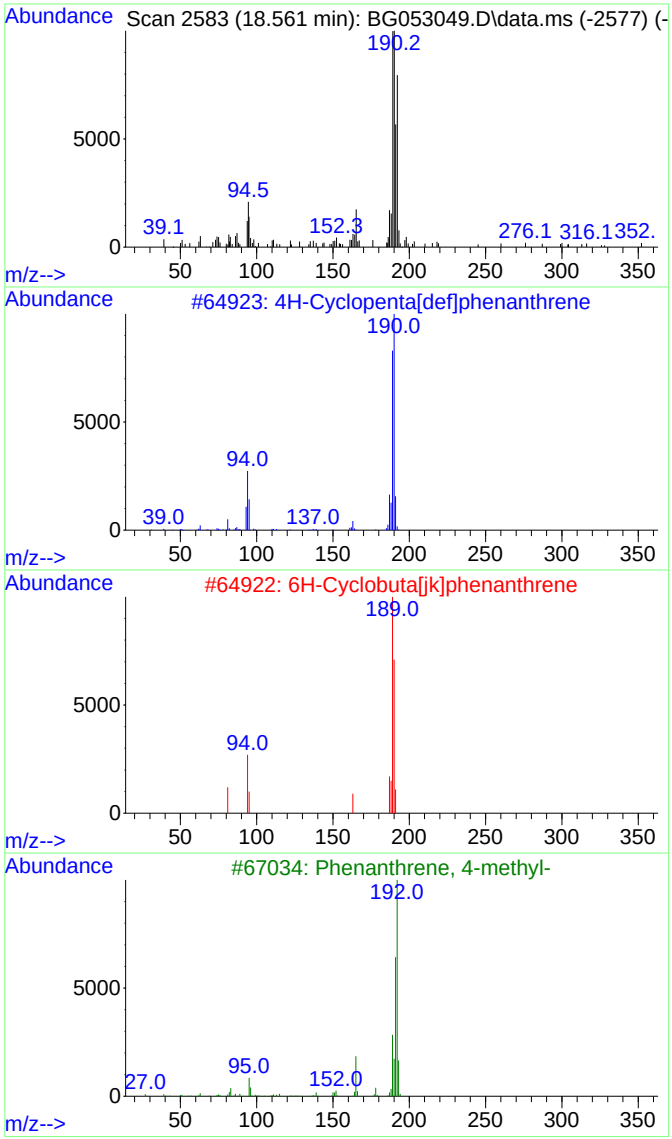
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

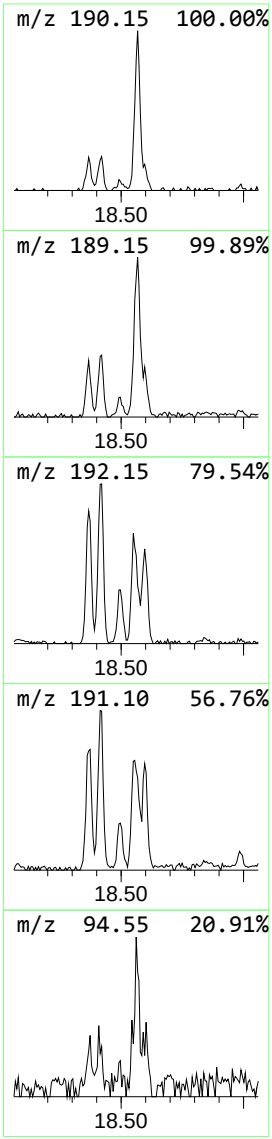
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.561	4.45 ng	149181	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

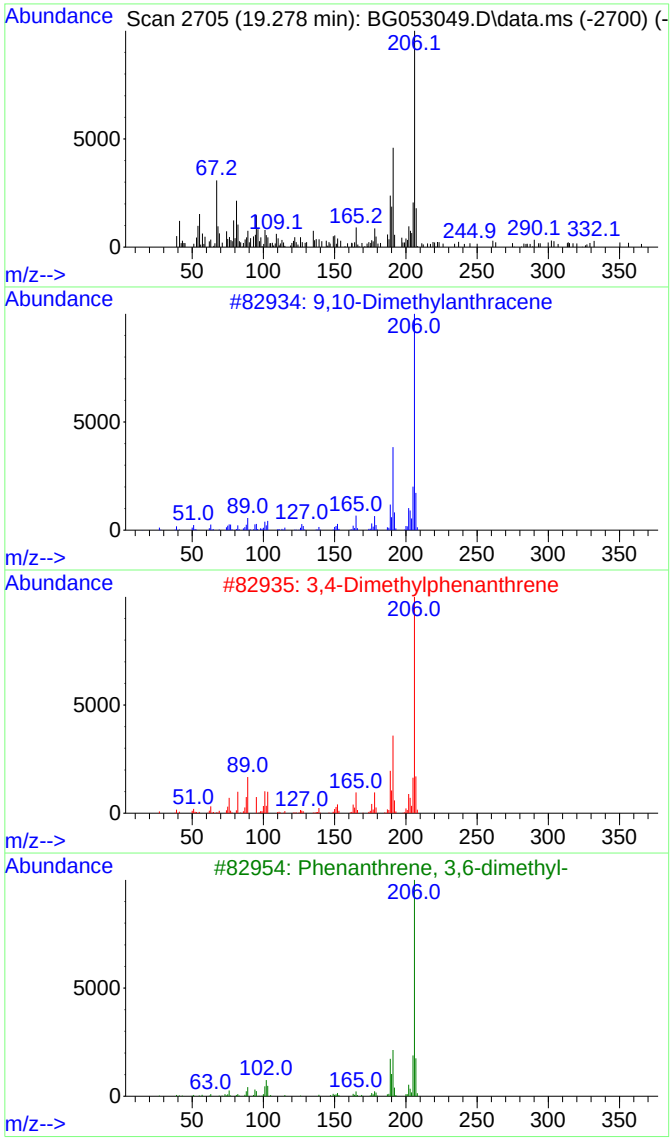
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

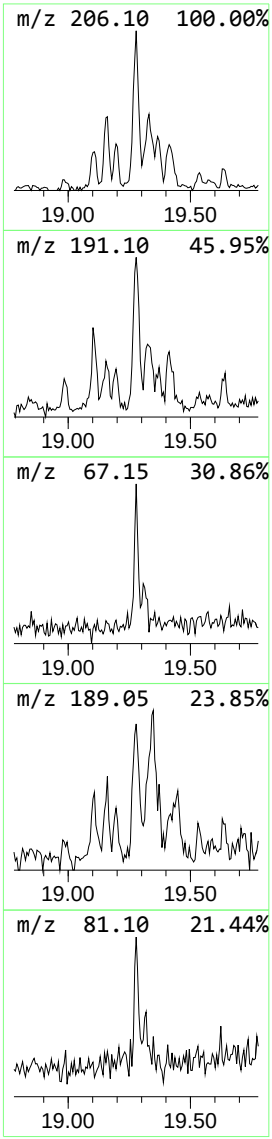
****

Peak Number 5 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.278	3.51 ng	117451	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053049.D
Acq On : 6 Apr 2022 2:20
Operator : CG/JU
Sample : N2256-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-040422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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
Benzene, 1,1'-(...	15.794	2.2	ng	65213	3	14.749	584787	20.0
Phenanthrene, 2...	18.367	3.0	ng	100870	4	17.492	670084	20.0
Phenanthrene, 1...	18.414	3.1	ng	104882	4	17.492	670084	20.0
4H-Cyclopenta[d...	18.561	4.5	ng	149181	4	17.492	670084	20.0
9,10-Dimethylan...	19.278	3.5	ng	117451	4	17.492	670084	20.0