LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060088.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	4	9	15	rVB2	46029	78964	3.58%	0.384%
2	3.666	93	98	103	rBV	16872	29137	1.32%	0.142%
3	5.523	405	414	423	rBV	322527	516055	23.42%	2.512%
4	7.109	675	684	692	rBV	388042	673689	30.58%	3.279%
5	7.949	820	827	833	rBV	263206	442883	20.10%	2.156%
6	9.107	1017	1024	1031	rVB	239960	423779	19.23%	2.063%
7	10.758	1298	1305	1311	rBV	327078	590428	26.80%	2.874%
8	10.810	1311	1314	1319	rVB2	21384	30169	1.37%	0.147%
9	12.409	1581	1586	1591	rBV2	27029	43844	1.99%	0.213%
10	12.632	1619	1624	1629	rBV2	31098	49390	2.24%	0.240%
11	13.213	1714	1723	1729	rBV	839285	1304820	59.22%	6.351%
12	13.413	1752	1757	1763	rBV5	25541	42580	1.93%	0.207%
13	13.766	1807	1817	1819	rBV6	21282	51114	2.32%	0.249%
14	13.907	1835	1841	1846	rBV3	37550	64504	2.93%	0.314%
15	13.966	1847	1851	1857	rVB5	19714	31037	1.41%	0.151%
16	14.148	1877	1882	1887	rBV5	15051	29459	1.34%	0.143%
17	14.306	1905	1909	1917	rBV5	15234	25625	1.16%	0.125%
18	14.588	1948	1957	1964	rBV	627623	971715	44.10%	4.730%
19	14.653	1964	1968	1973	rVV4	28169	48810	2.22%	0.238%
20	14.800	1987	1993	1999	rBV10	15320	37101	1.68%	0.181%
21	14.988	2019	2025	2030	rVB2	38381	71166	3.23%	0.346%
22	15.058	2033	2037	2042	rVB2	19288	29657	1.35%	0.144%
23	15.205	2056	2062	2066	rBV5	20097	33840	1.54%	0.165%
24	15.252	2066	2070	2076	rVB5	17279	25248	1.15%	0.123%
25	15.376	2083	2091	2094	rBV6	15327	27982	1.27%	0.136%
26	15.434	2094	2101	2106	rVV5	12826	24245	1.10%	0.118%
27	15.634	2129	2135	2139	rBV	73561	111635	5.07%	0.543%
28	15.793	2159	2162	2167	rVB7	15393	25534	1.16%	0.124%
29	15.928	2182	2185	2192	rVB5	23810	40189	1.82%	0.196%
30	16.075	2204	2210	2218	rBV	864116	1265826	57.45%	6.162%
31	16.298	2242	2248	2255	rBV	30467	61074	2.77%	0.297%
32	16.645	2297	2307	2311	rBV4	30529	68647	3.12%	0.334%
33	16.686	2311	2314	2319	rBV4	24776	38768	1.76%	0.189%
34	16.786	2329	2331	2337	rVB7	17572	28501	1.29%	0.139%
35	16.868	2341	2345	2348	rBV6	13985	23922	1.09%	0.116%
36	17.156	2390	2394	2404	rVB	69408	115217	5.23%	0.561%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.338	2419	2425	2429	rBV	843154	1274131	57.83%	6.202%
38	17.379	2429	2432	2439	rVV	526159	724252	32.87%	3.525%
39	17.467	2442	2447	2453	rVB2	106555	158716	7.20%	0.773%
40	17.520	2453	2456	2461	rBV6	19041	33976	1.54%	0.165%
41	17.738	2490	2493	2497	rBV3	16642	28062	1.27%	0.137%
42	17.855	2510	2513	2517	rVB	25671	29751	1.35%	0.145%
43	17.914	2520	2523	2528	rBV2	58035	89294	4.05%	0.435%
44	18.002	2534	2538	2542	rBV7	19409	34298	1.56%	0.167%
45	18.061	2544	2548	2553	rVV2	39396	69422	3.15%	0.338%
46	18.219	2570	2575	2579	rBV3	166450	309314	14.04%	1.506%
47	18.261	2579	2582	2589	rVB	167207	243889	11.07%	1.187%
48	18.343	2592	2596	2601	rVV2	46630	80337	3.65%	0.391%
49	18.407	2601	2607	2611	rVV4	173384	335265	15.22%	1.632%
50	18.443	2611	2613	2621	rVB	89820	126301	5.73%	0.615%
51	18.713	2656	2659	2663	rBV	86236	111453	5.06%	0.543%
52	18.754	2663	2666	2672	rVB5	50126	90068	4.09%	0.438%
53	18.930	2693	2696	2698	rBV4	38426	50257	2.28%	0.245%
54	19.007	2707	2709	2713	rVB3	47906	43058	1.95%	0.210%
55	19.042	2713	2715	2719	rVB5	32785	44776	2.03%	0.218%
56	19.136	2727	2731	2735	rBV2	78905	128058	5.81%	0.623%
57	19.265	2751	2753	2758	rBV6	42949	63378	2.88%	0.308%
58	19.394	2770	2775	2781	rBV	777867	1120599	50.86%	5.455%
59	19.635	2814	2816	2819	rVB2	40407	31421	1.43%	0.153%
60	19.759	2827	2837	2843	rBV	811278	1435835	65.17%	6.989%
61	19.959	2866	2871	2875	rBV	1613993	1986171	90.15%	9.668%
62	20.346	2935	2937	2941	rVB2	136529	152028	6.90%	0.740%
63	20.411	2944	2948	2952	rBV2	145929	249874	11.34%	1.216%
64	21.610	3144	3152	3157	rBV2	960308	2203288	100.00%	10.725%
65	21.657	3157	3160	3169	rVB	381612	654902	29.72%	3.188%
66	24.806	3689	3696	3705	rBV	464227	1165225	52.89%	5.672%

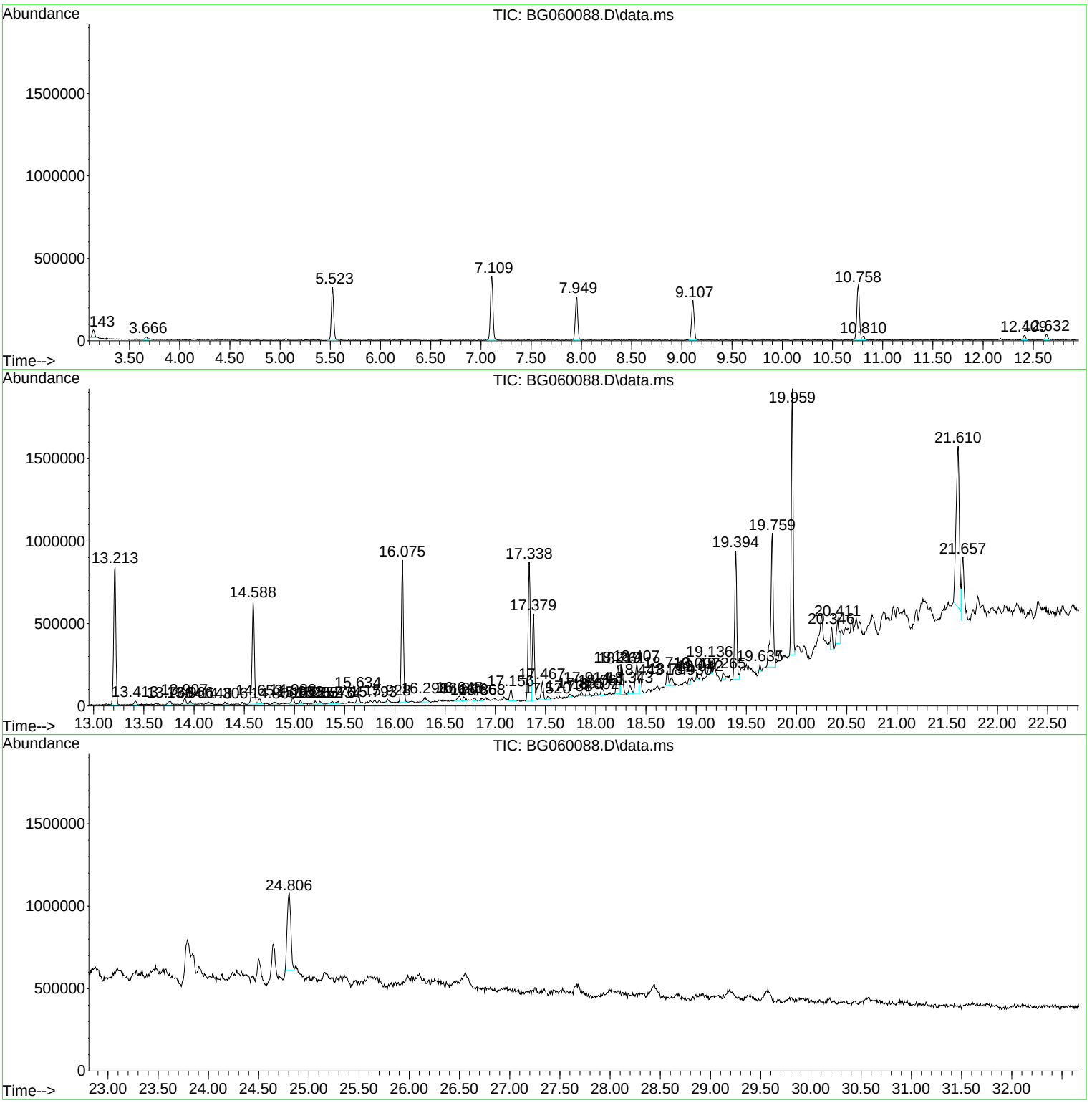
Sum of corrected areas: 20543953

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

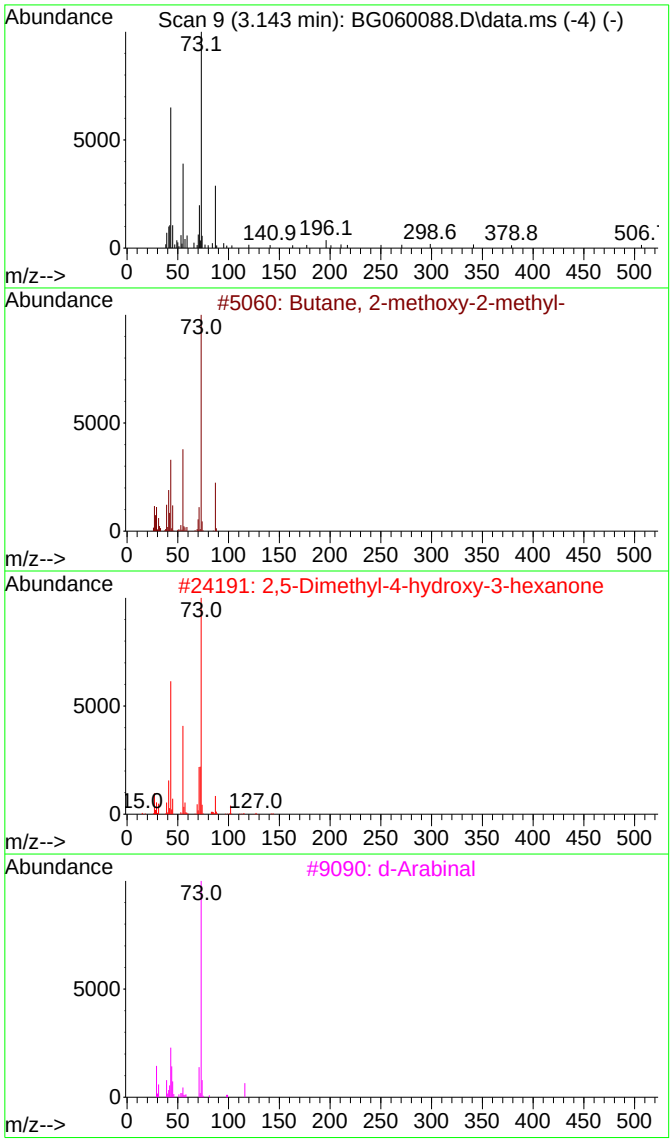
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

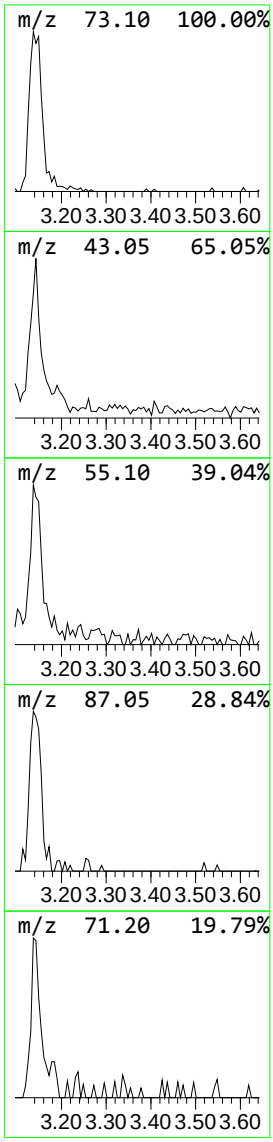
****

Peak Number 1 unknown3.143 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.143	3.57 ng	78964	1,4-Dichlorobenzene-d4	7.955

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	38
3	d-Arabinal	116	C5H8O3	000496-61-7	23
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

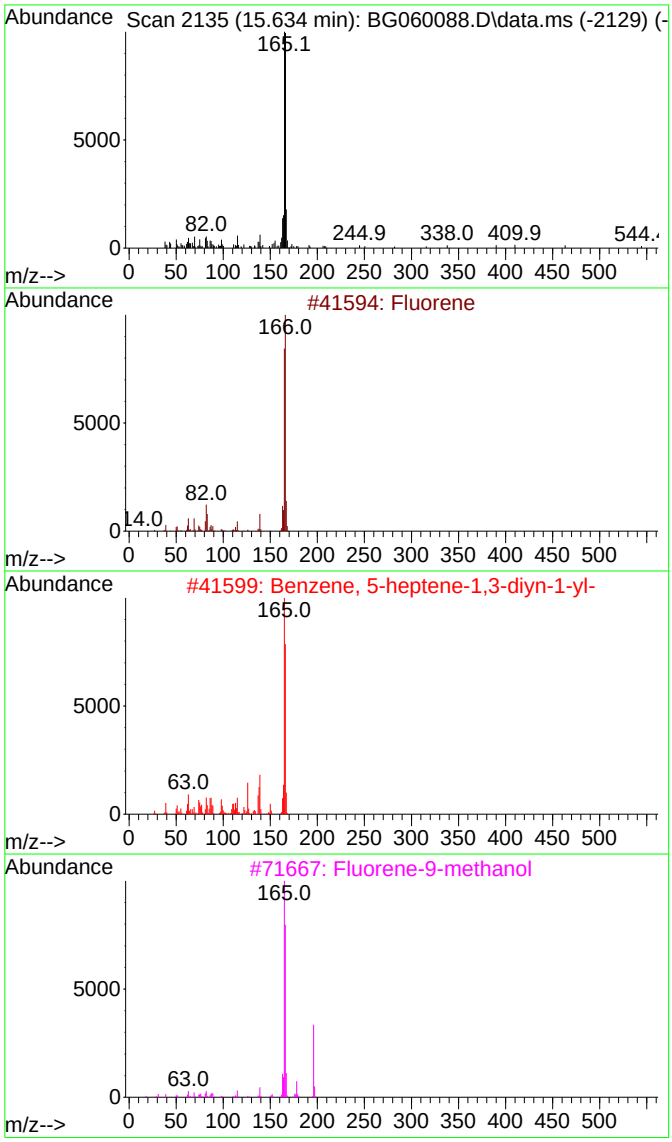
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

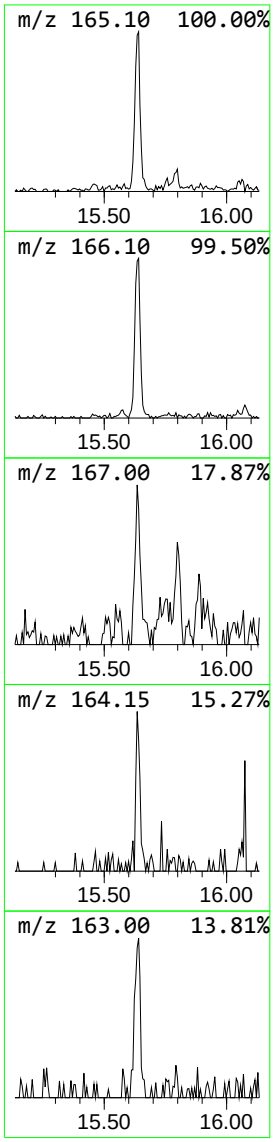
****

Peak Number 2 Benzene, 5-heptene-1,3-diyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.634	2.30 ng	111635	Acenaphthene-d10	14.588

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	87
2	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	78
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	78
4	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

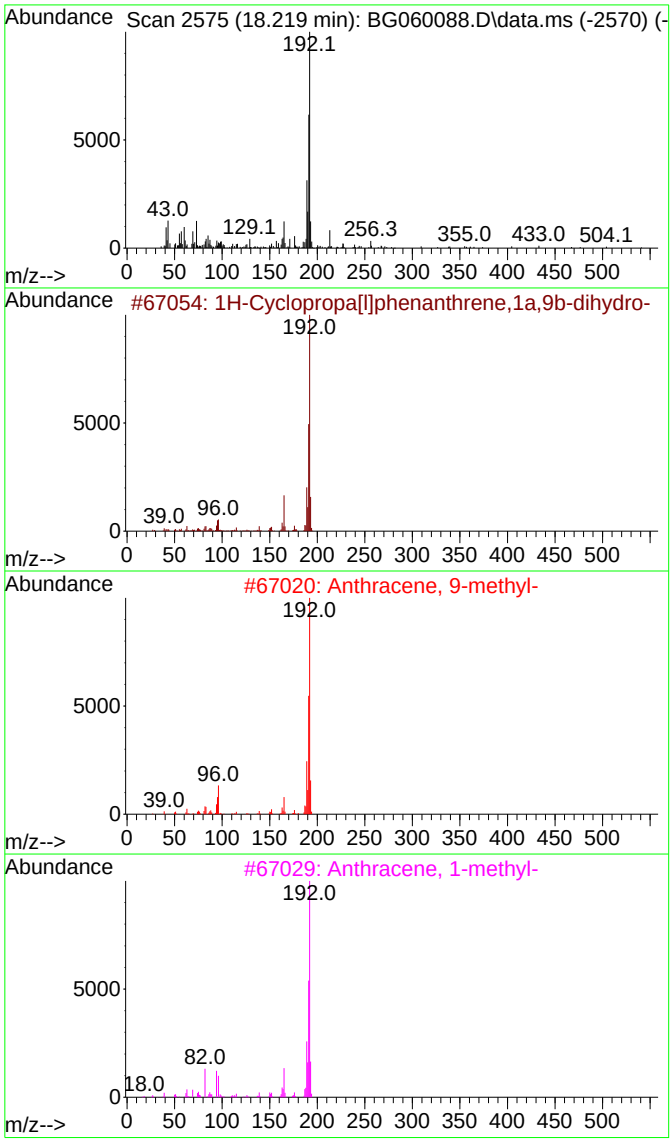
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

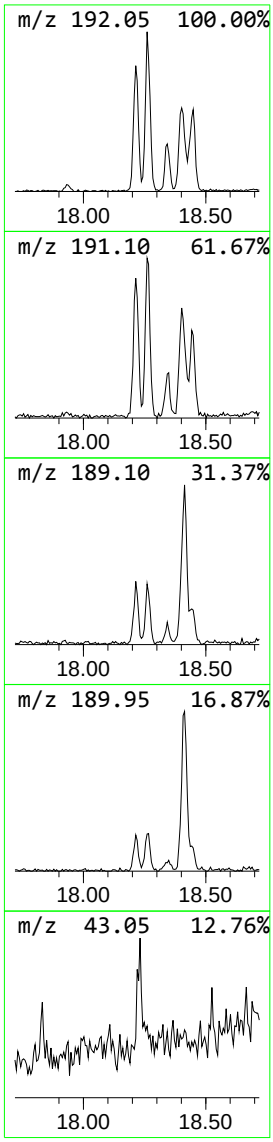
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.219	4.86 ng	309314	Phenanthrene-d10	17.338

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

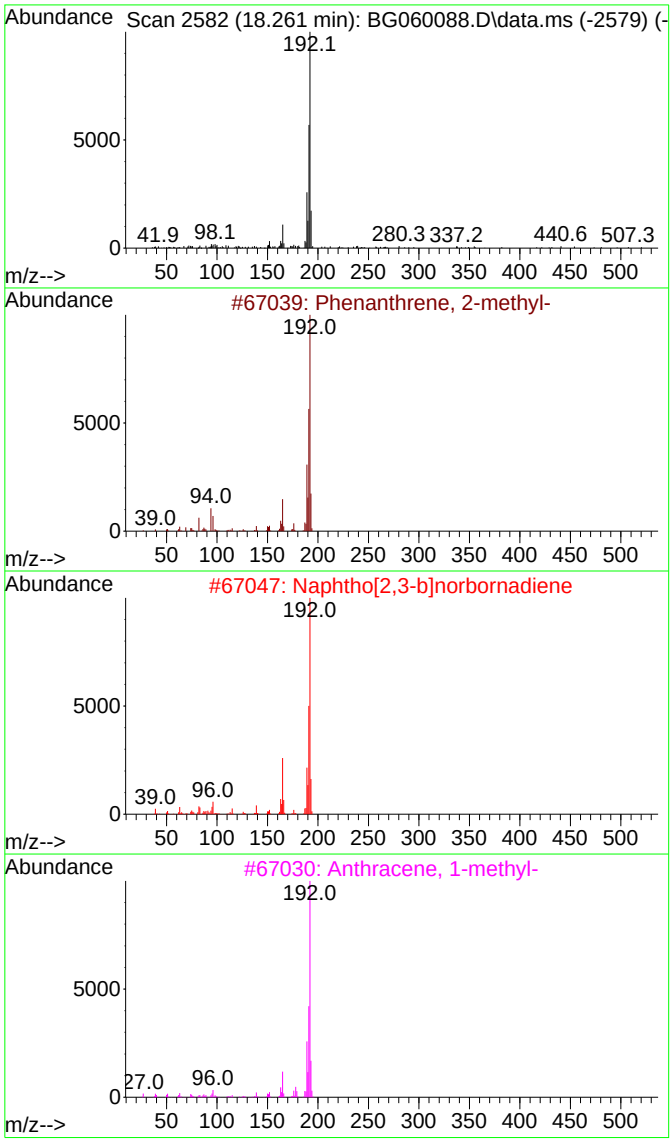
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

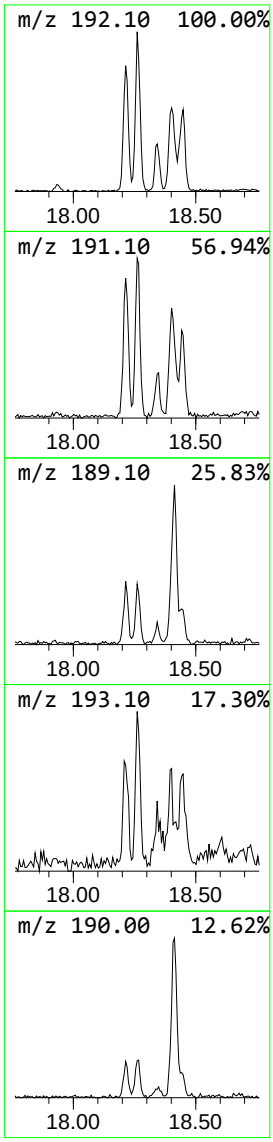
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.261	3.83 ng	243889	Phenanthrene-d10	17.338

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

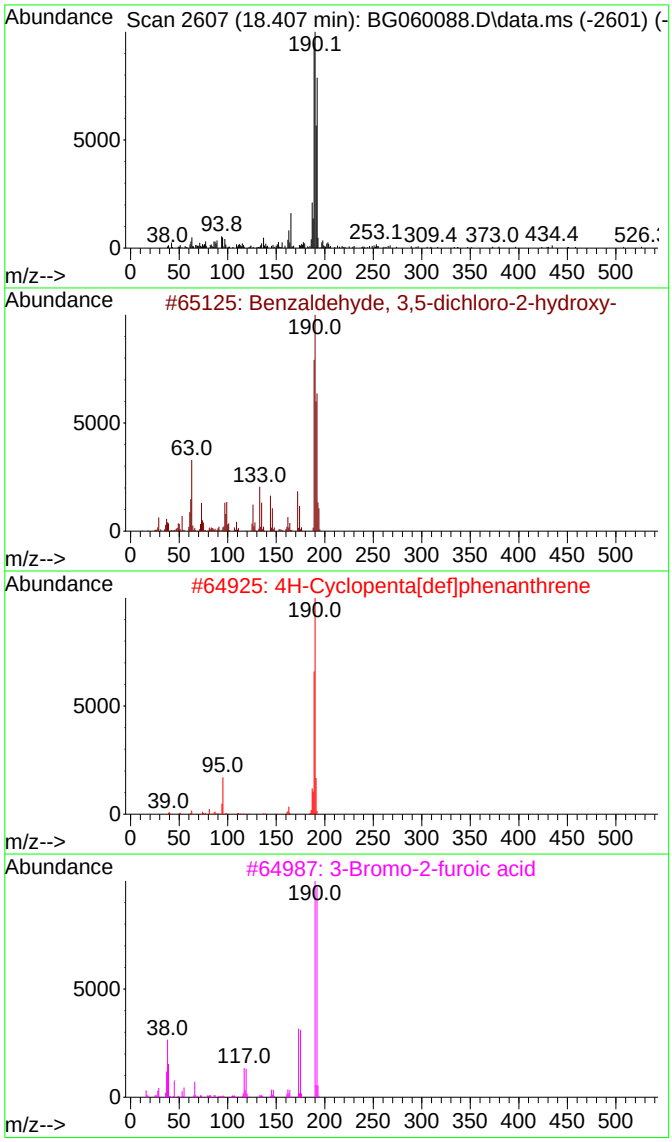
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

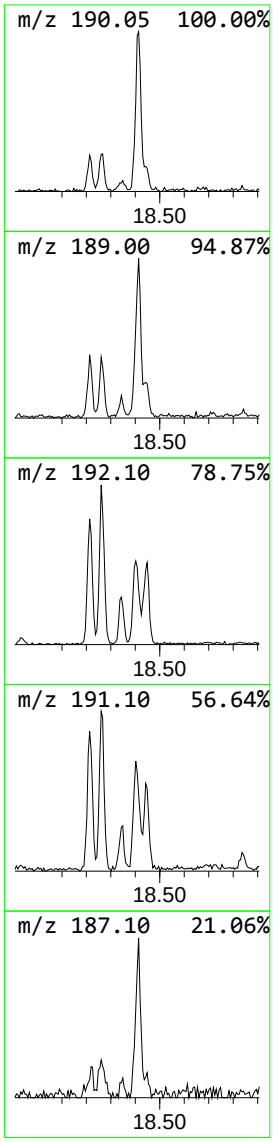
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.407	5.26 ng	335265	Phenanthrene-d10	17.338

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	56
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	38
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
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Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

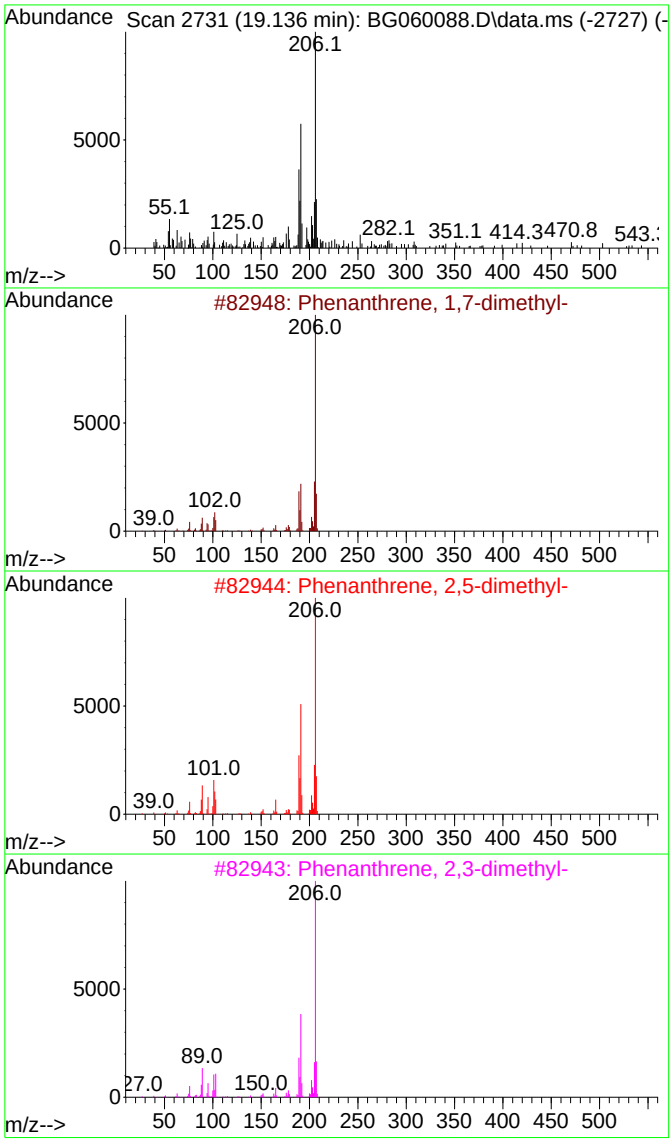
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

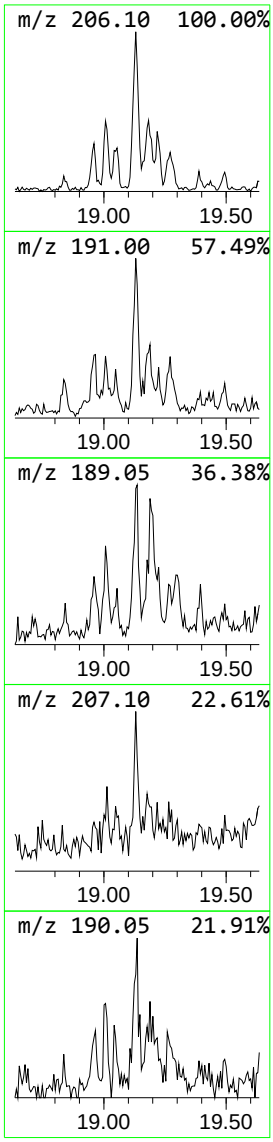
****

Peak Number 6 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.136	2.01 ng	128058	Phenanthrene-d10	17.338

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

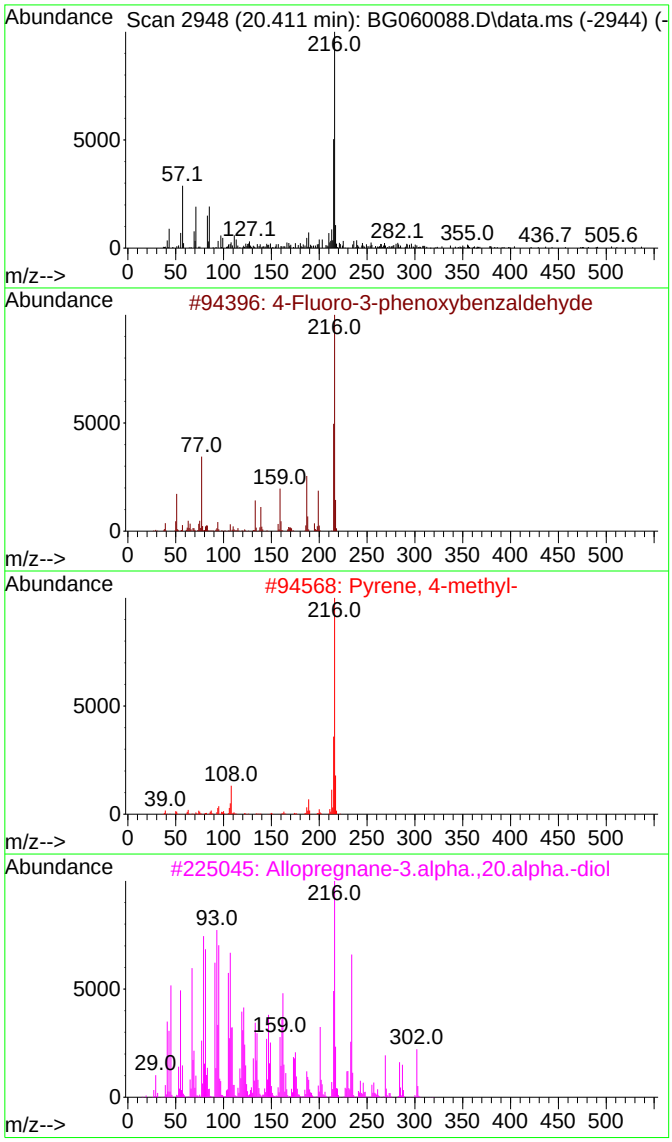
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

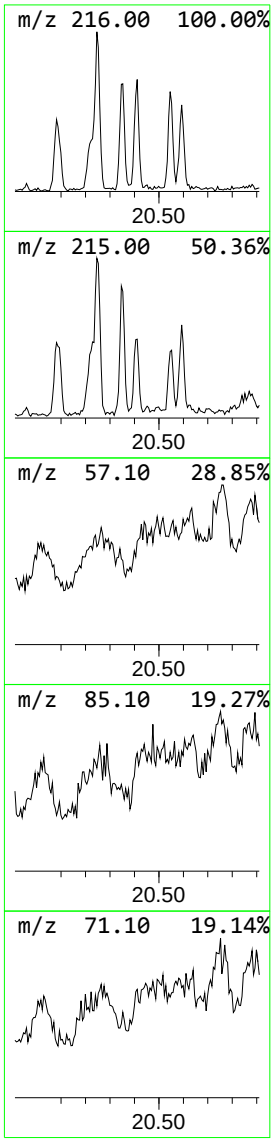
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-Fluoro-3-phenoxybenzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.411	2.27 ng	249874	Chrysene-d12	21.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-3-phenoxybenzaldehyde	216	C13H9FO2	068359-57-9	64
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	59
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	59
4	Benzoic acid, 3-(5-formyl-2-furyl)-	216	C12H8O4	304884-54-6	59
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060088.D
Acq On : 19 Dec 2023 16:47
Operator : MA/JU
Sample : 05793-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-12122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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
unknown3.143	3.143	3.6	ng	78964	1	7.955	442883	20.0
Benzene, 5-hept...	15.634	2.3	ng	111635	3	14.588	971715	20.0
1H-Cyclopropa[l...	18.219	4.9	ng	309314	4	17.338	1274130	20.0
Phenanthrene, 2...	18.261	3.8	ng	243889	4	17.338	1274130	20.0
Benzaldehyde, 3...	18.407	5.3	ng	335265	4	17.338	1274130	20.0
Phenanthrene, 1...	19.136	2.0	ng	128058	4	17.338	1274130	20.0
4-Fluoro-3-phen...	20.411	2.3	ng	249874	5	21.610	2203290	20.0