LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SASP2-T-6-(0-5)

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.192	317	324	332	rVB	29584	49385	2.87%	0.329%
2	5.673	399	406	427	rVB	475058	795220	46.15%	5.299%
3	7.295	669	682	697	rBV	457926	851515	49.42%	5.675%
4	7.724	749	755	759	rBV	12154	19172	1.11%	0.128%
5	8.129	818	824	838	rVB	149298	261284	15.16%	1.741%
6	9.228	1000	1011	1016	rBV7	8969	25070	1.46%	0.167%
7	9.304	1016	1024	1035	rVV	283212	566584	32.88%	3.776%
8	10.121	1158	1163	1169	rBV5	10236	21325	1.24%	0.142%
9	10.339	1196	1200	1207	rBV7	8775	17636	1.02%	0.118%
10	10.709	1257	1263	1274	rBV	16670	38056	2.21%	0.254%
11	10.897	1288	1295	1299	rBV	28559	50224	2.91%	0.335%
12	10.955	1299	1305	1313	rVV	192626	360631	20.93%	2.403%
13	11.079	1320	1326	1333	rVB3	13640	26912	1.56%	0.179%
14	11.937	1467	1472	1477	rBV2	10735	18240	1.06%	0.122%
15	12.136	1498	1506	1511	rBV4	11188	22417	1.30%	0.149%
16	12.336	1533	1540	1545	rBV	32851	52270	3.03%	0.348%
17	12.847	1620	1627	1632	rVB4	14527	29832	1.73%	0.199%
18	13.276	1694	1700	1704	rBV3	12975	23277	1.35%	0.155%
19	13.394	1712	1720	1729	rVB	822078	1349693	78.34%	8.994%
20	13.564	1741	1749	1754	rBV2	38363	71065	4.12%	0.474%
21	13.705	1769	1773	1778	rVB2	14878	26776	1.55%	0.178%
22	14.187	1850	1855	1857	rVV3	13845	20897	1.21%	0.139%
23	14.216	1857	1860	1864	rVV4	21442	28679	1.66%	0.191%
24	14.269	1864	1869	1875	rVV4	14246	28334	1.64%	0.189%
25	14.334	1875	1880	1888	rVB8	15770	32323	1.88%	0.215%
26	14.498	1903	1908	1913	rBV2	16924	37564	2.18%	0.250%
27	14.628	1927	1930	1934	rVB	30085	38058	2.21%	0.254%
28	14.769	1941	1954	1960	rBV	320270	531382	30.84%	3.541%
29	14.833	1960	1965	1972	rVB2	25316	44031	2.56%	0.293%
30	15.162	2018	2021	2028	rVB3	17115	31682	1.84%	0.211%
31	15.239	2030	2034	2042	rVB4	15869	30479	1.77%	0.203%
32	15.374	2052	2057	2062	rBV4	16383	36374	2.11%	0.242%
33	15.544	2081	2086	2088	rBV5	10608	18051	1.05%	0.120%
34	15.579	2088	2092	2097	rVB	36053	47611	2.76%	0.317%
35	15.814	2125	2132	2138	rBV3	20229	40385	2.34%	0.269%
36	15.979	2156	2160	2164	rVB3	17909	26259	1.52%	0.175%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.261	2202	2208	2225	rBV	515639	879827	51.06%	5.863%
38	16.443	2234	2239	2241	rBV	32296	50875	2.95%	0.339%
39	17.172	2358	2363	2369	rBV3	16961	32962	1.91%	0.220%
40	17.236	2370	2374	2378	rVV2	32010	47597	2.76%	0.317%
41	17.283	2379	2382	2386	rVV2	20748	32496	1.89%	0.217%
42	17.336	2387	2391	2397	rVB	18898	33290	1.93%	0.222%
43	17.518	2416	2422	2426	rBV	361368	589709	34.23%	3.930%
44	17.559	2426	2429	2437	rVB	294996	438663	25.46%	2.923%
45	17.653	2441	2445	2449	rVB	51562	70038	4.06%	0.467%
46	17.924	2487	2491	2496	rBV	17437	34457	2.00%	0.230%
47	17.977	2496	2500	2505	rVB	24254	34555	2.01%	0.230%
48	18.394	2566	2571	2575	rBV	58286	89798	5.21%	0.598%
49	18.441	2575	2579	2584	rVB	72418	107003	6.21%	0.713%
50	18.523	2589	2593	2598	rVB	24781	34941	2.03%	0.233%
51	18.588	2598	2604	2608	rBV2	88353	175307	10.17%	1.168%
52	18.623	2608	2610	2614	rVB	43726	52241	3.03%	0.348%
53	18.664	2614	2617	2620	rBV2	19984	23264	1.35%	0.155%
54	18.887	2651	2655	2659	rBV	42181	56593	3.28%	0.377%
55	18.940	2659	2664	2670	rVB2	40816	66503	3.86%	0.443%
56	19.299	2721	2725	2730	rBV2	58333	98679	5.73%	0.658%
57	19.569	2766	2771	2777	rBV	658728	947276	54.98%	6.313%
58	19.898	2823	2827	2828	rBV	95110	113907	6.61%	0.759%
59	19.933	2829	2833	2840	rVB	688700	986697	57.27%	6.575%
60	20.115	2859	2864	2869	rBV	1327246	1722957	100.00%	11.482%
61	21.807	3145	3152	3158	rBV3	441171	1210724	70.27%	8.068%
62	21.860	3158	3161	3168	rVB	282614	463904	26.92%	3.091%
63	24.116	3539	3545	3567	rVB3	201513	942885	54.72%	6.283%

Sum of corrected areas: 15005841

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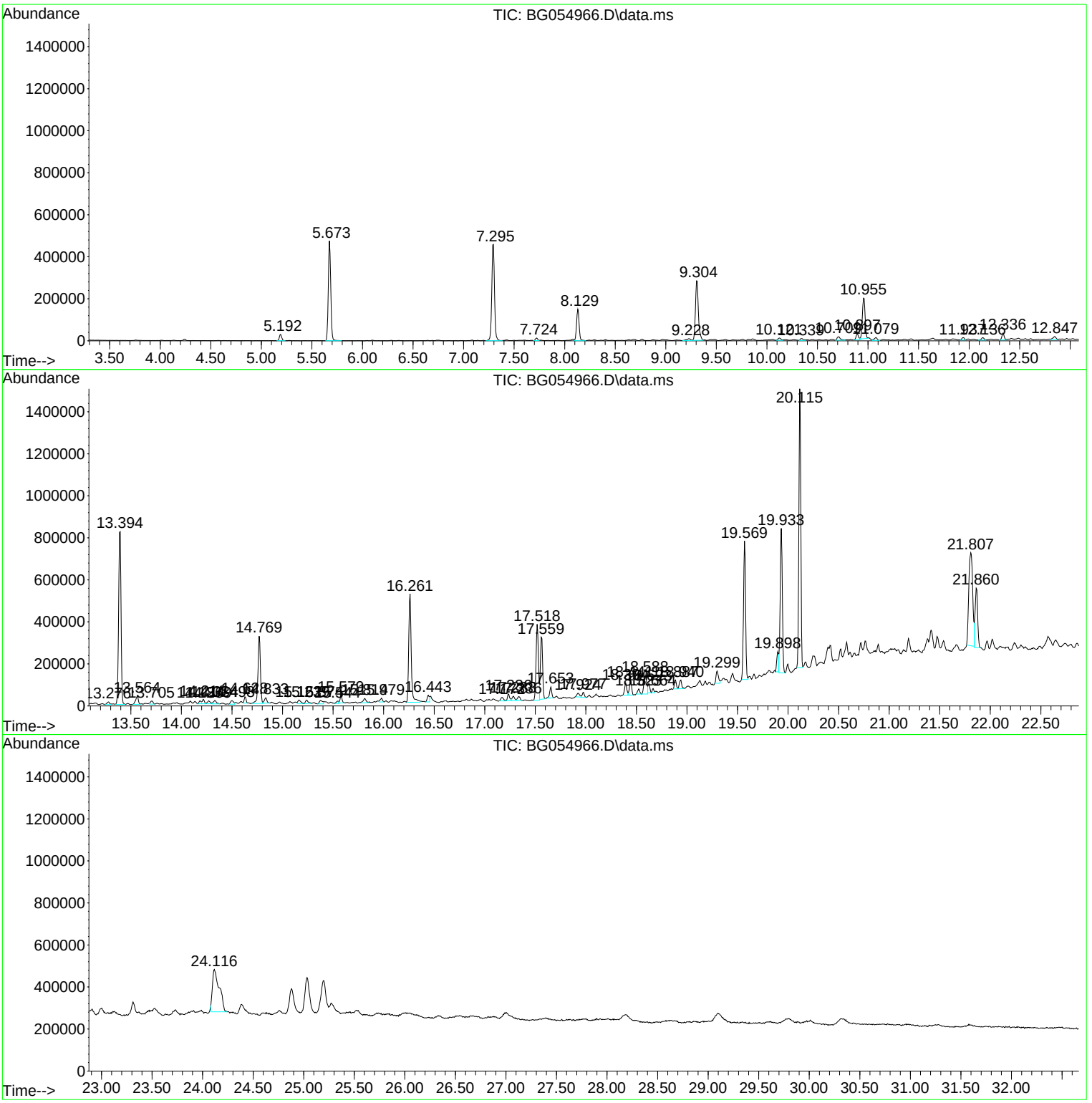
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

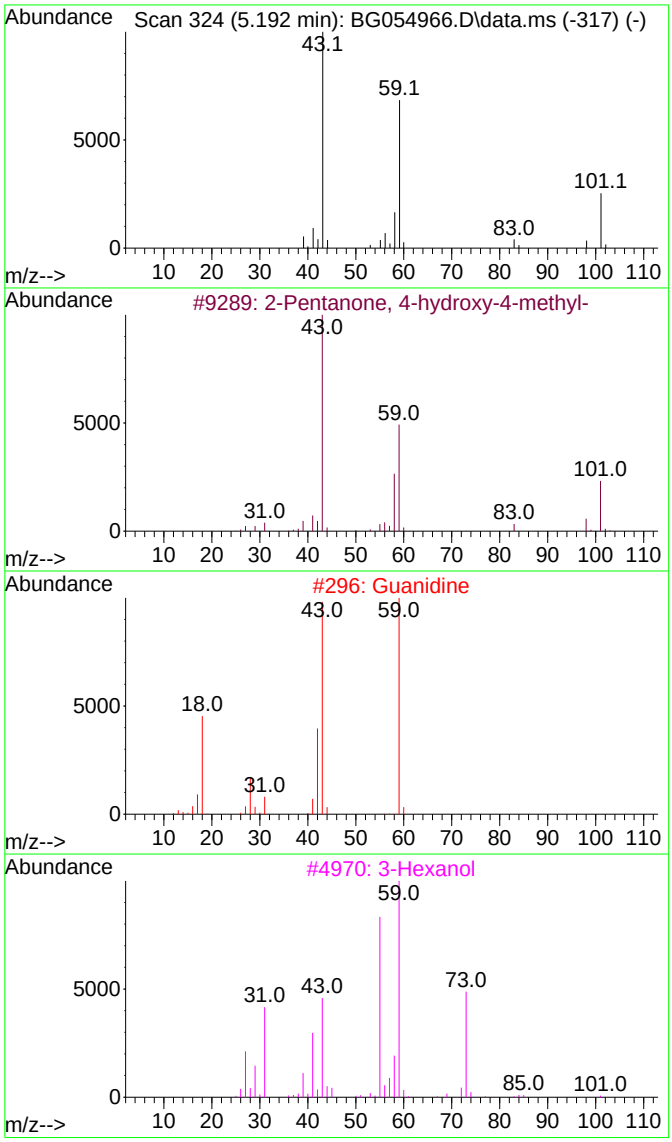
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

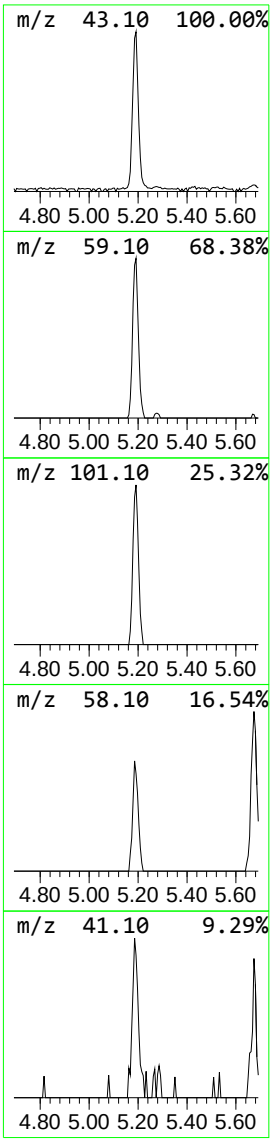
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.192	3.78 ng	49385	1,4-Dichlorobenzene-d4	8.129

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	3-Hexanol	102	C6H14O	000623-37-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

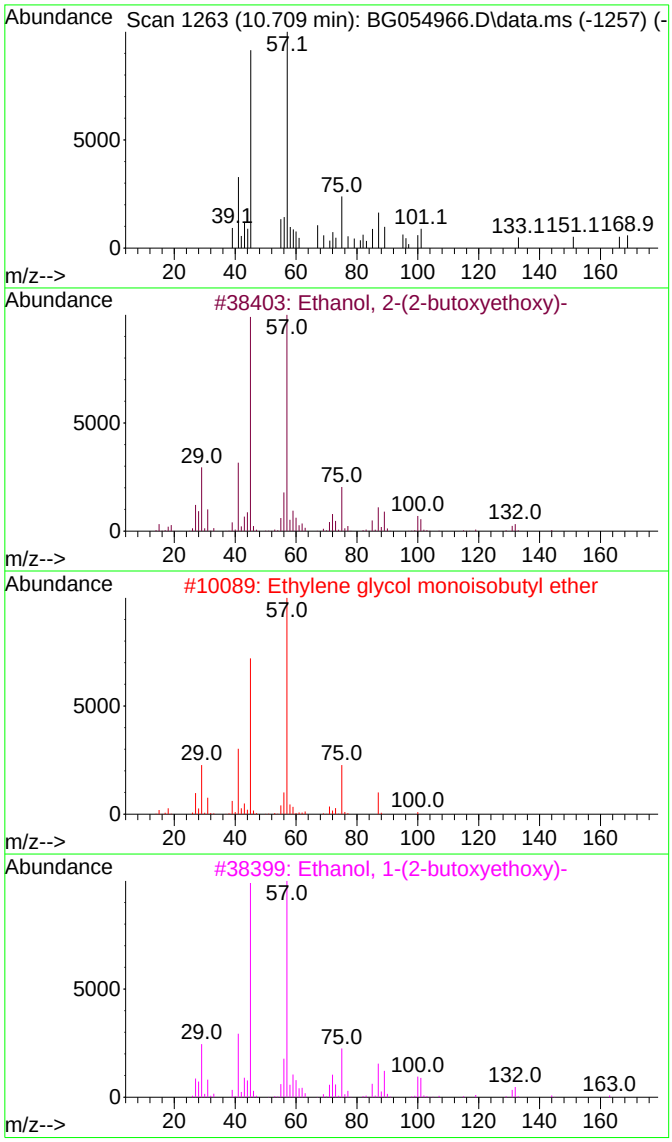
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

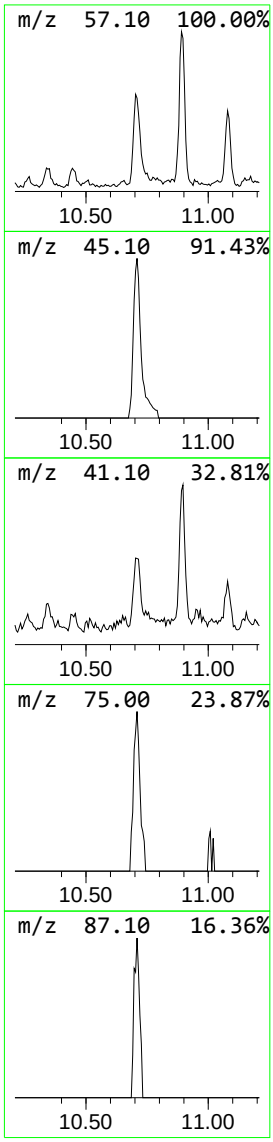
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.709	2.11 ng	38056	Naphthalene-d8	10.955

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

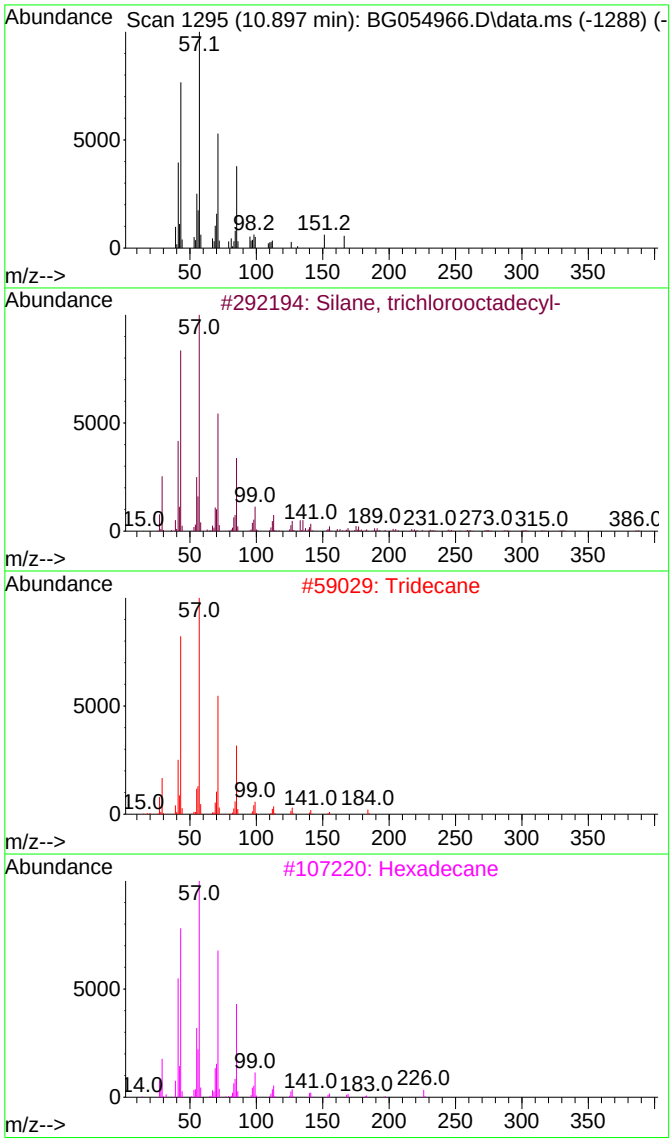
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

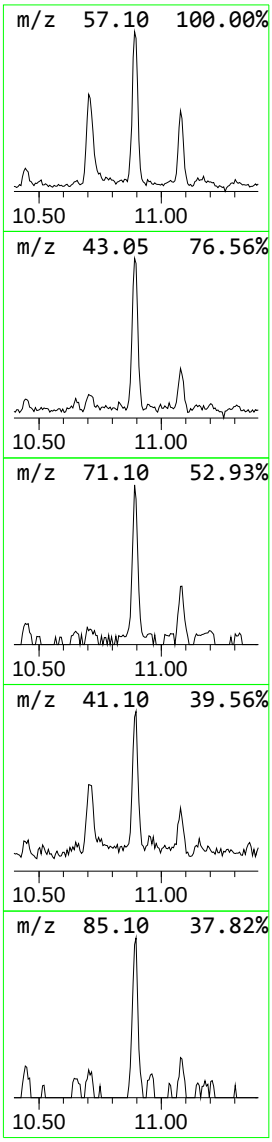
****

Peak Number 3 Silane, trichlorooctadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.897	2.79 ng	50224	Naphthalene-d8	10.955

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Pentacosane	352	C25H52	000629-99-2	64
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

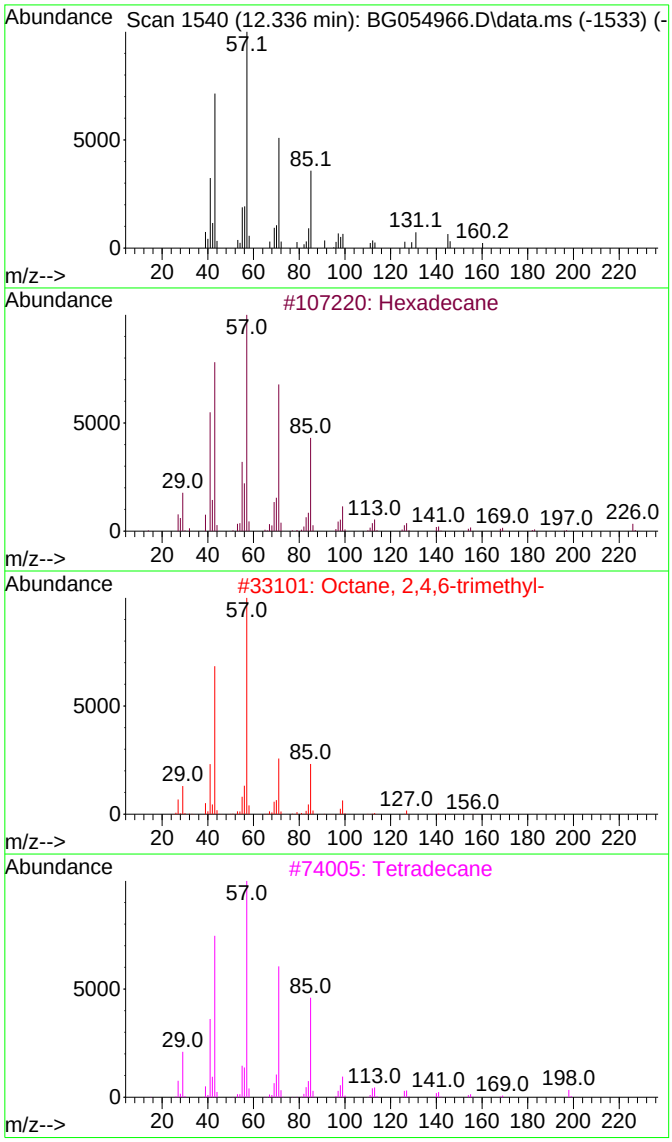
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

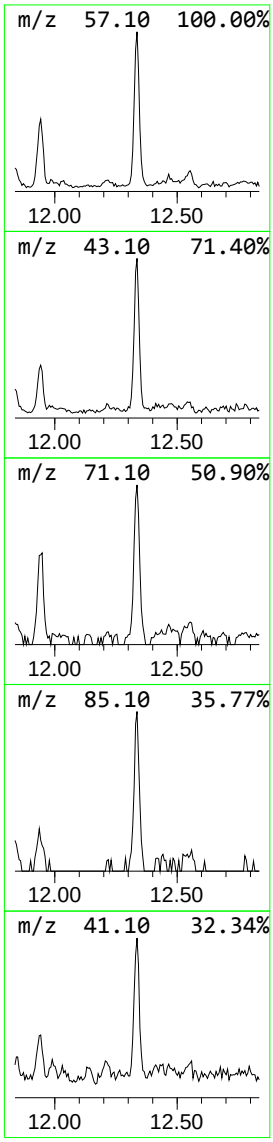
****

Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	2.90 ng	52270	Naphthalene-d8	10.955

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

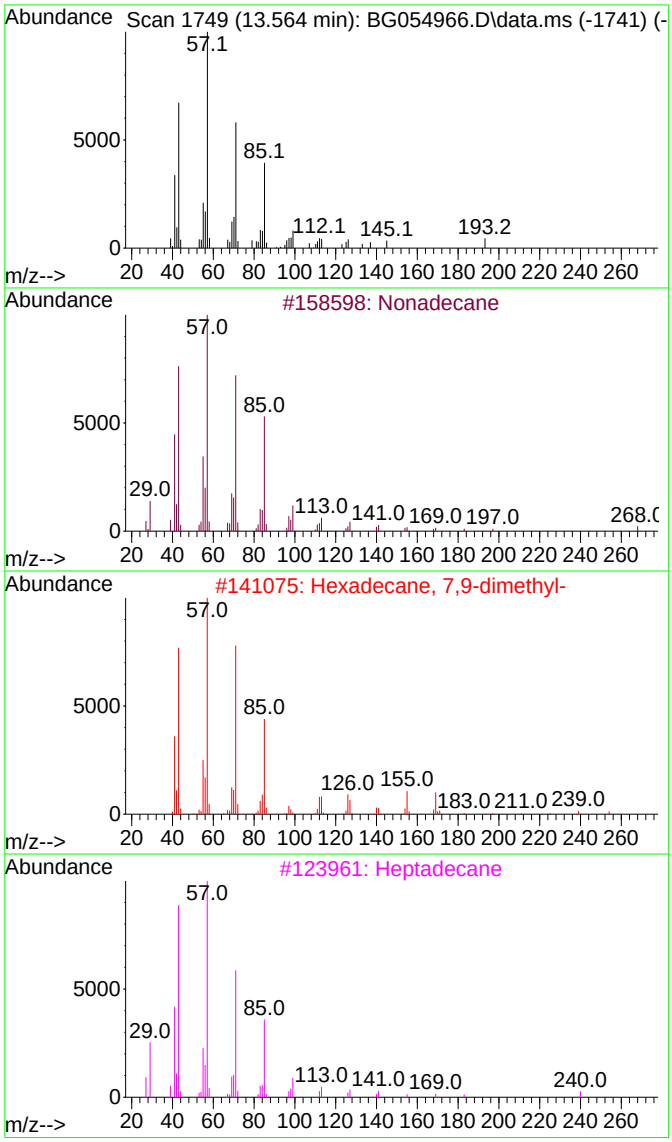
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

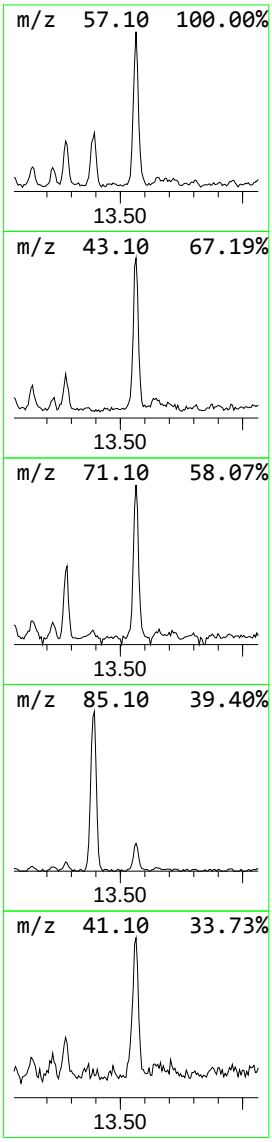
****

Peak Number 5 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.564	2.67 ng	71065	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	10-Methylnonadecane	282	C20H42	056862-62-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

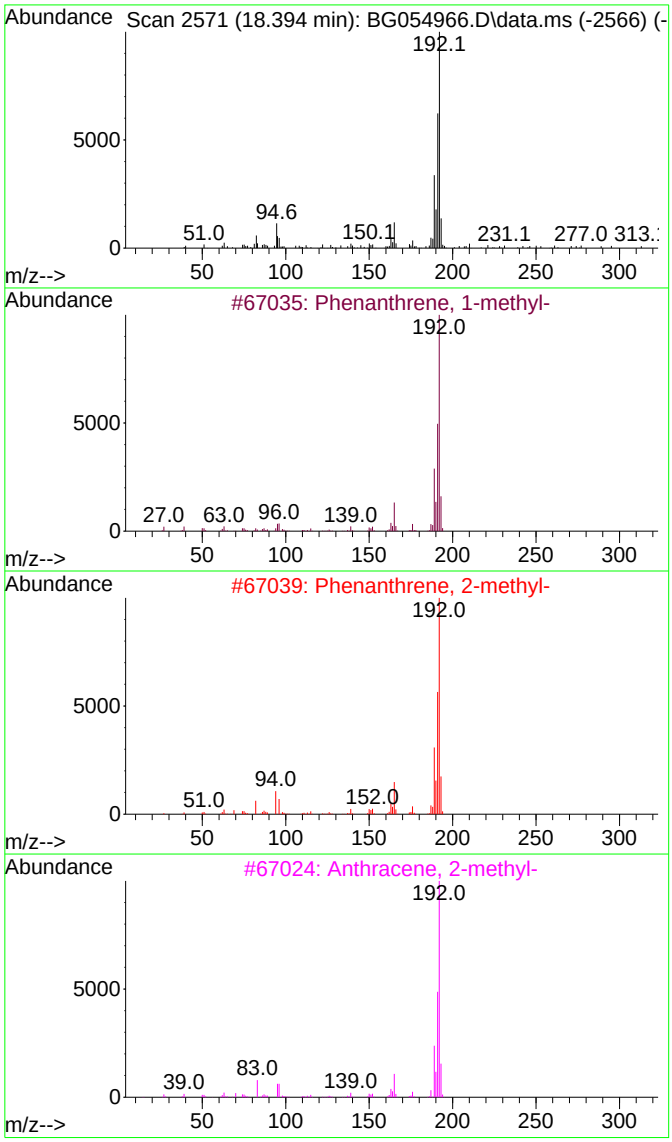
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

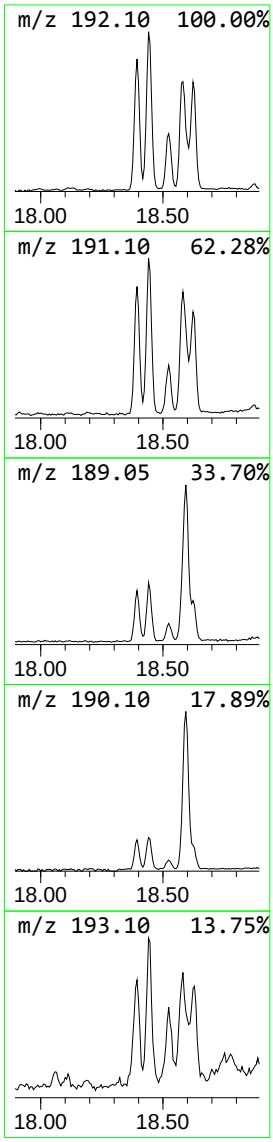
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.394	3.05 ng	89798	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

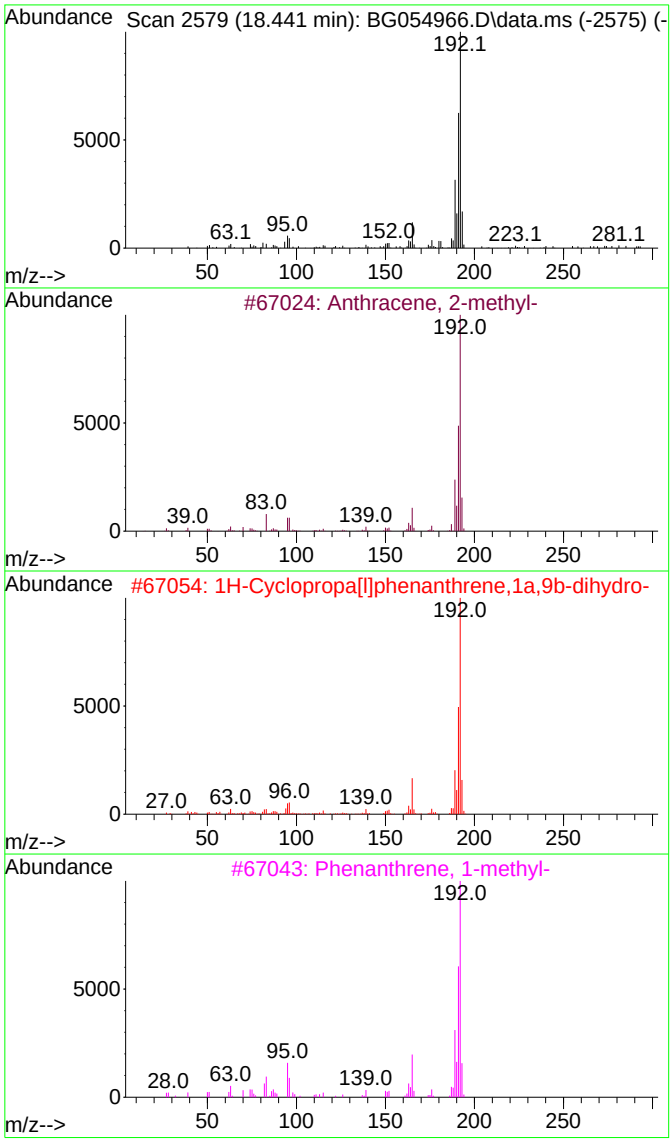
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

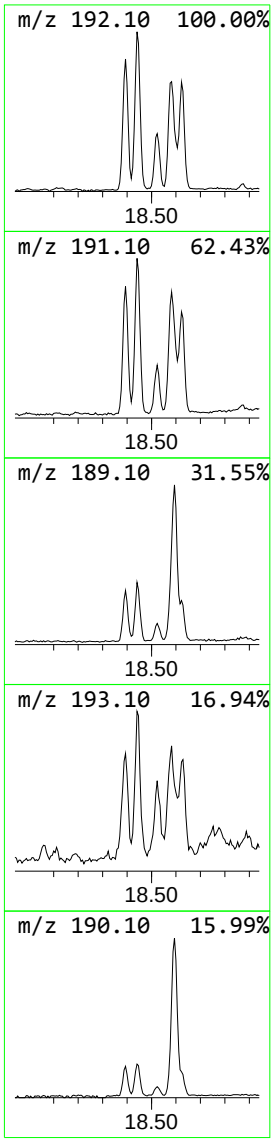
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.441	3.63 ng	107003	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

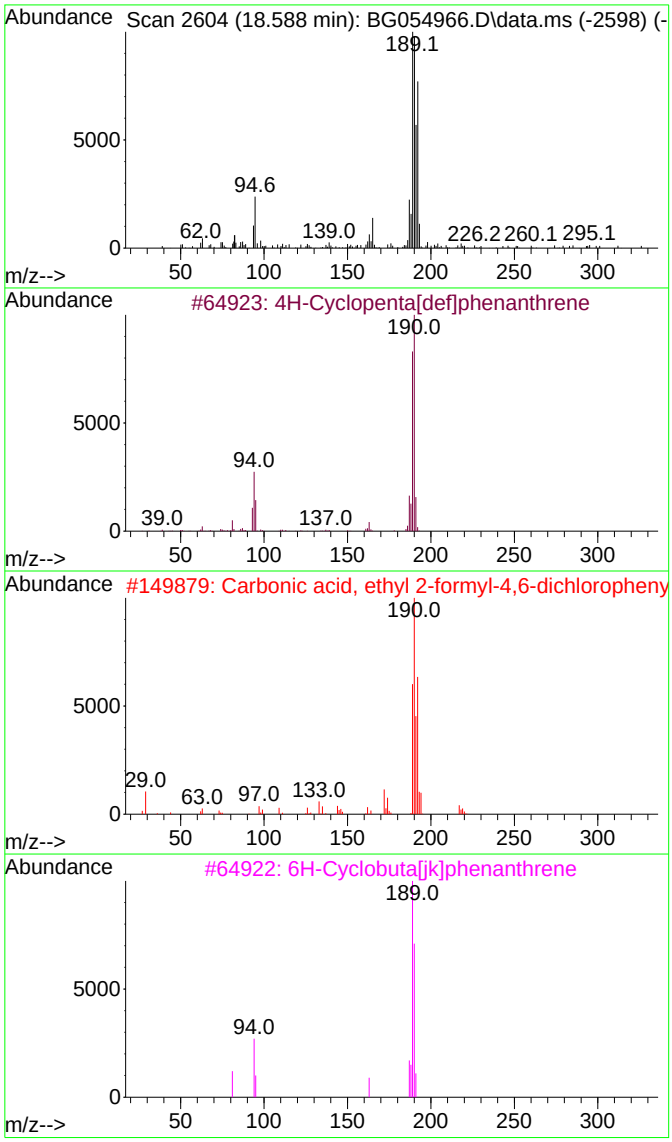
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

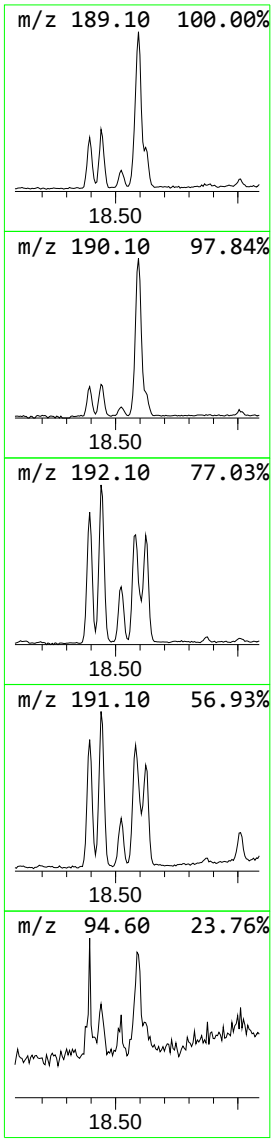
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.588	5.95 ng	175307	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

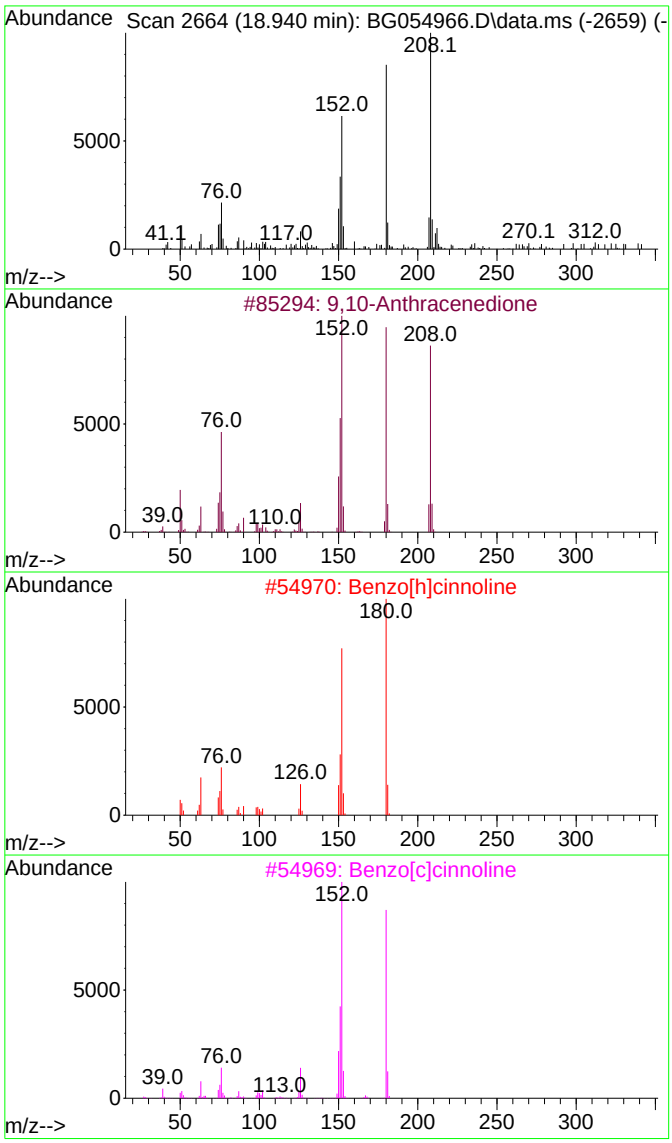
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

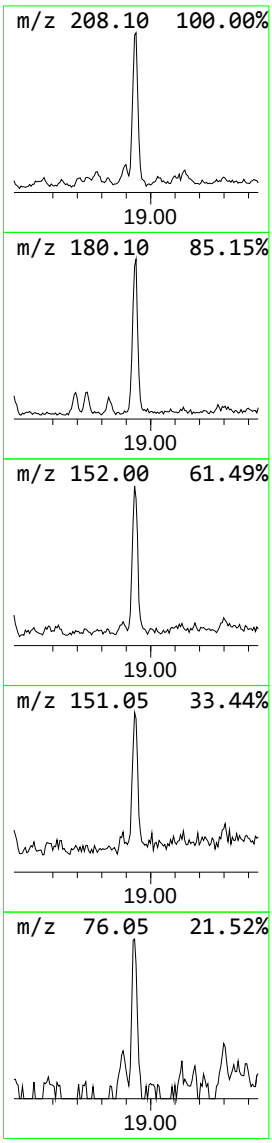
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.940	2.26 ng	66503	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

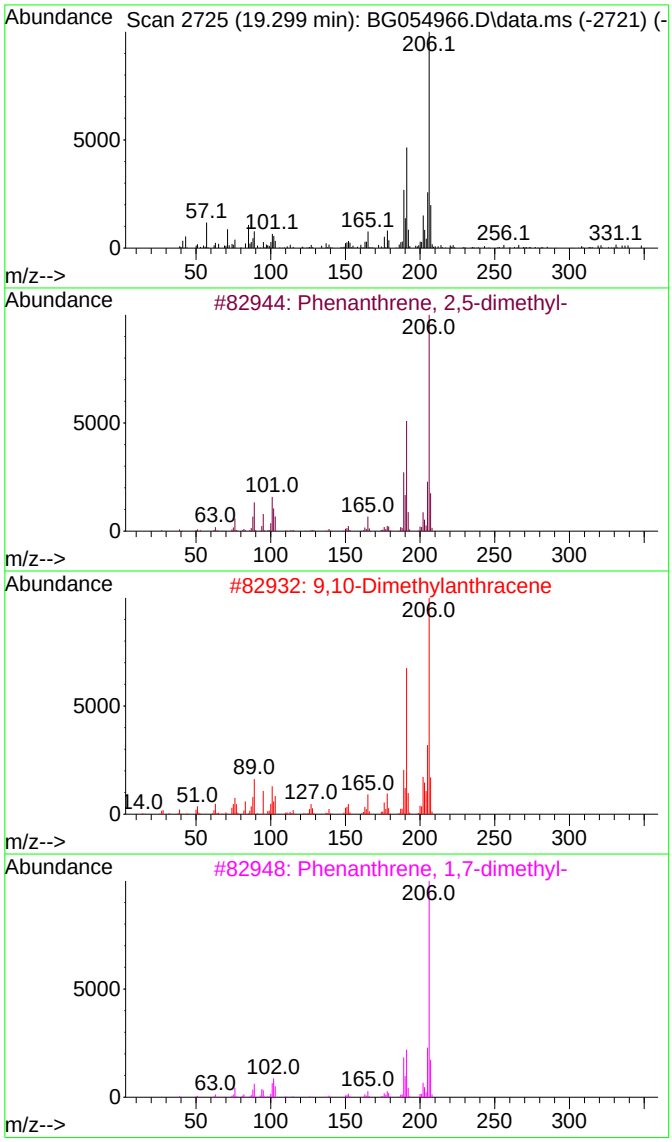
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

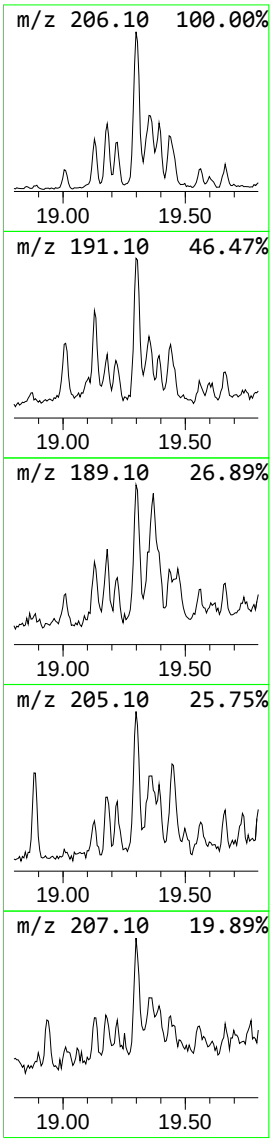
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.299	3.35 ng	98679	Phenanthrene-d10	17.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054966.D
Acq On : 15 Sep 2022 21:44
Operator : CG/JU
Sample : N4569-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-6-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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-Pentanone, 4-...	5.192	3.8	ng	49385	1	8.129	261284	20.0
Ethanol, 2-(2-b...	10.709	2.1	ng	38056	2	10.955	360631	20.0
Silane, trichlo...	10.897	2.8	ng	50224	2	10.955	360631	20.0
Hexadecane	12.336	2.9	ng	52270	2	10.955	360631	20.0
Nonadecane	13.564	2.7	ng	71065	3	14.769	531382	20.0
Phenanthrene, 1...	18.394	3.0	ng	89798	4	17.518	589709	20.0
Anthracene, 2-m...	18.441	3.6	ng	107003	4	17.518	589709	20.0
4H-Cyclopenta[d...	18.588	6.0	ng	175307	4	17.518	589709	20.0
9,10-Anthracene...	18.940	2.3	ng	66503	4	17.518	589709	20.0
Phenanthrene, 2...	19.299	3.4	ng	98679	4	17.518	589709	20.0