LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

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_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	315	321	331	rBV	528908	778031	6.62%	0.764%
2	5.346	394	401	418	rBV	4551678	7037939	59.88%	6.913%
3	6.940	661	672	693	rBV	4365724	7700632	65.52%	7.564%
4	7.745	801	809	820	rBV	1883644	2998948	25.52%	2.946%
5	8.904	999	1006	1026	rBV	2694439	4755368	40.46%	4.671%
6	10.539	1275	1284	1291	rBV	2185430	3724347	31.69%	3.658%
7	13.010	1697	1704	1717	rBV	7822393	11753397	100.00%	11.544%
8	13.851	1843	1847	1858	rVB	78004	159905	1.36%	0.157%
9	14.116	1887	1892	1906	rBV	364991	662850	5.64%	0.651%
10	14.392	1930	1939	1946	rBV	3046818	4412325	37.54%	4.334%
11	15.268	2082	2088	2096	rVB3	70685	139305	1.19%	0.137%
12	15.468	2114	2122	2130	rVB3	48499	126545	1.08%	0.124%
13	15.657	2149	2154	2162	rBV4	55385	117555	1.00%	0.115%
14	15.757	2165	2171	2185	rVB	1361107	1990572	16.94%	1.955%
15	15.892	2185	2194	2212	rBV	4835930	7244727	61.64%	7.116%
16	16.127	2228	2234	2241	rBV5	99251	213938	1.82%	0.210%
17	16.315	2262	2266	2276	rVB	164825	245588	2.09%	0.241%
18	17.139	2401	2406	2411	rBV2	2847985	3963859	33.73%	3.893%
19	17.180	2411	2413	2419	rVB	433967	562865	4.79%	0.553%
20	17.274	2424	2429	2435	rBV	595707	887565	7.55%	0.872%
21	17.927	2533	2540	2545	rBV2	368863	876466	7.46%	0.861%
22	17.974	2545	2548	2552	rVV	259506	380131	3.23%	0.373%
23	18.045	2552	2560	2568	rVV2	1054548	2037212	17.33%	2.001%
24	18.151	2574	2578	2583	rVB	229702	297976	2.54%	0.293%
25	18.209	2583	2588	2593	rBV2	277617	629258	5.35%	0.618%
26	18.333	2606	2609	2613	rBV3	86863	123046	1.05%	0.121%
27	18.515	2638	2640	2645	rVB3	117801	152279	1.30%	0.150%
28	18.568	2646	2649	2658	rVB2	124485	207976	1.77%	0.204%
29	18.939	2708	2712	2716	rBV	342968	531915	4.53%	0.522%
30	19.086	2732	2737	2742	rBV4	202535	368721	3.14%	0.362%
31	19.204	2752	2757	2762	rBV	1747391	2292784	19.51%	2.252%
32	19.356	2780	2783	2787	rVB	221418	265104	2.26%	0.260%
33	19.562	2810	2818	2827	rBV	1979490	3204820	27.27%	3.148%
34	19.645	2828	2832	2838	rVV2	197598	306450	2.61%	0.301%
35	19.768	2848	2853	2857	rBV	9206588	10215277	86.91%	10.034%
36	19.892	2870	2874	2881	rBV4	228552	543524	4.62%	0.534%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

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_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.027	2894	2897	2898	rBV3	210872	220645	1.88%	0.217%
38	20.221	2927	2930	2934	rVB	391141	447455	3.81%	0.439%
39	20.362	2951	2954	2958	rBV	342841	393970	3.35%	0.387%
40	20.409	2959	2962	2965	rVV	305798	381490	3.25%	0.375%
41	20.462	2967	2971	2975	rVB	773647	853487	7.26%	0.838%
42	20.815	3028	3031	3037	rVB	362031	502930	4.28%	0.494%
43	21.062	3070	3073	3080	rVB3	386428	642169	5.46%	0.631%
44	21.280	3107	3110	3115	rVB	499634	640015	5.45%	0.629%
45	21.380	3120	3127	3132	rVV2	3234482	6446168	54.85%	6.332%
46	21.427	3132	3135	3147	rVB	1186982	1834977	15.61%	1.802%
47	23.433	3471	3476	3483	rBV	856330	2213620	18.83%	2.174%
48	24.233	3608	3612	3624	rVB	795576	1921840	16.35%	1.888%
49	24.380	3630	3637	3644	rVB	1467232	3402377	28.95%	3.342%

Sum of corrected areas: 101810343

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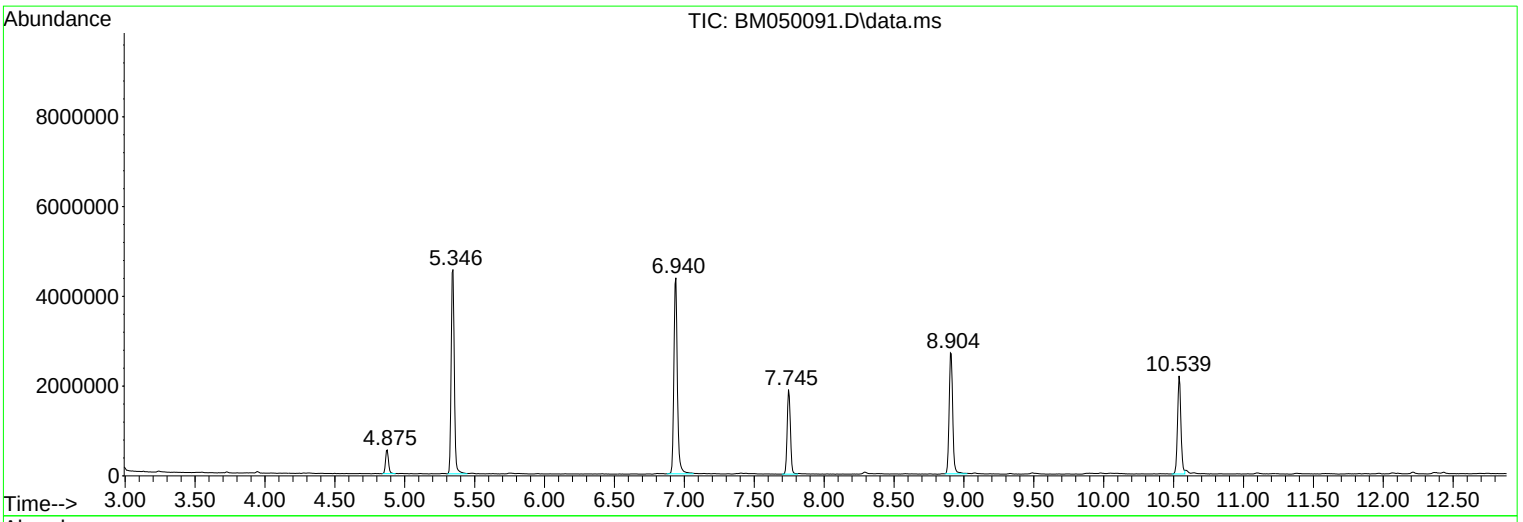
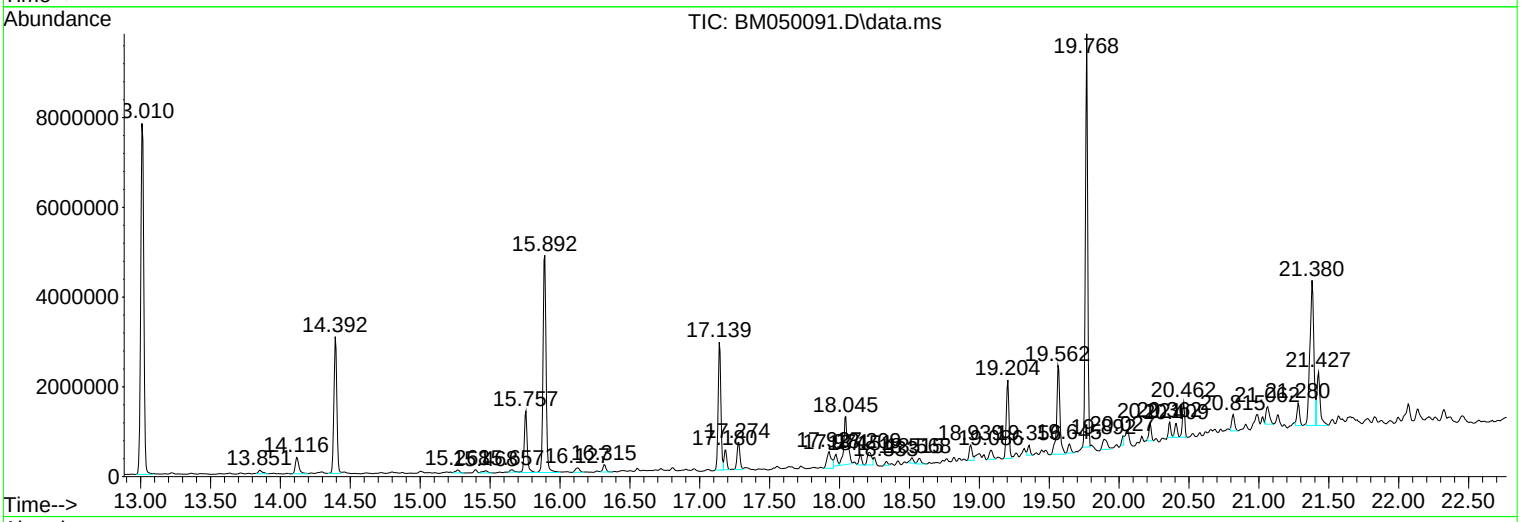
Misc :
ALS Vial : 14 Sample Multiplier: 1

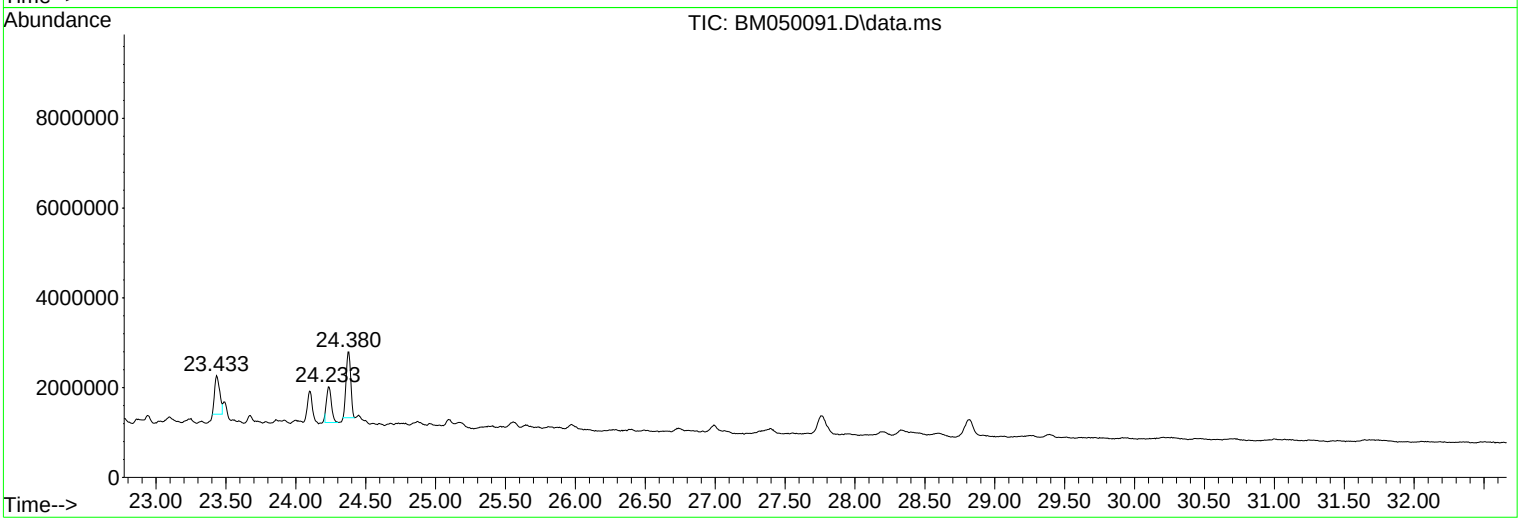
Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

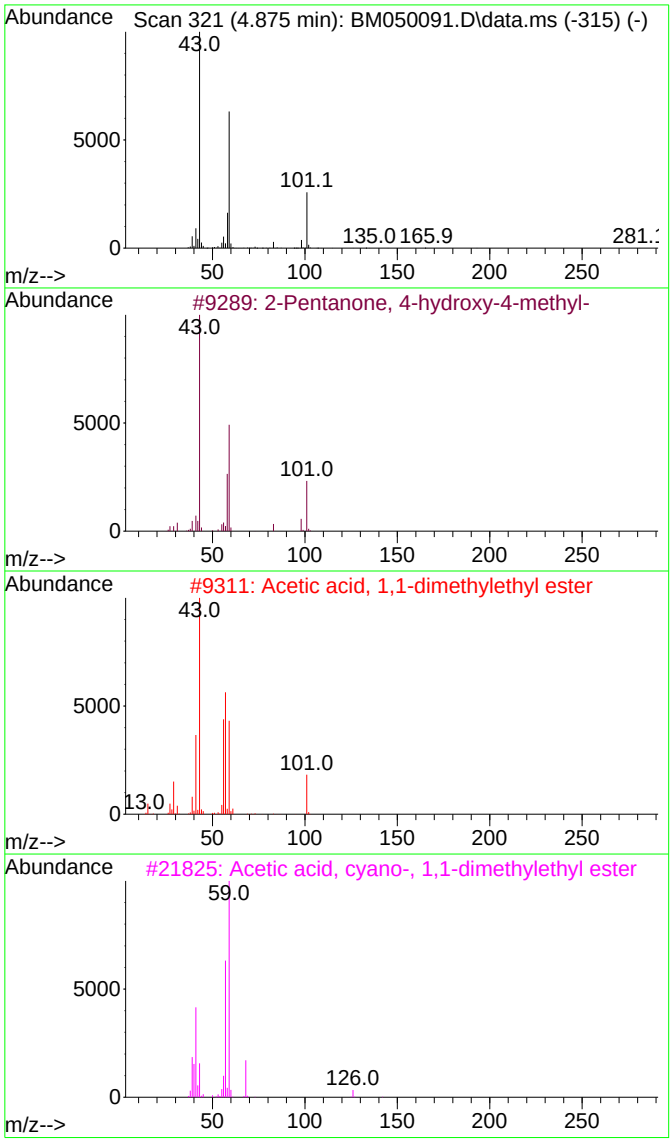
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

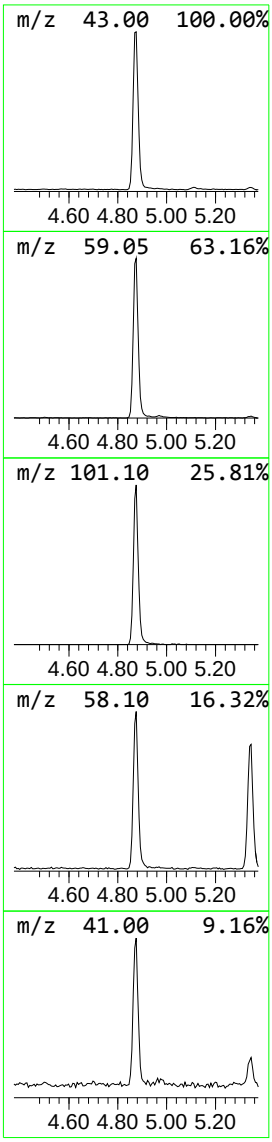
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	5.19 ng	778031	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

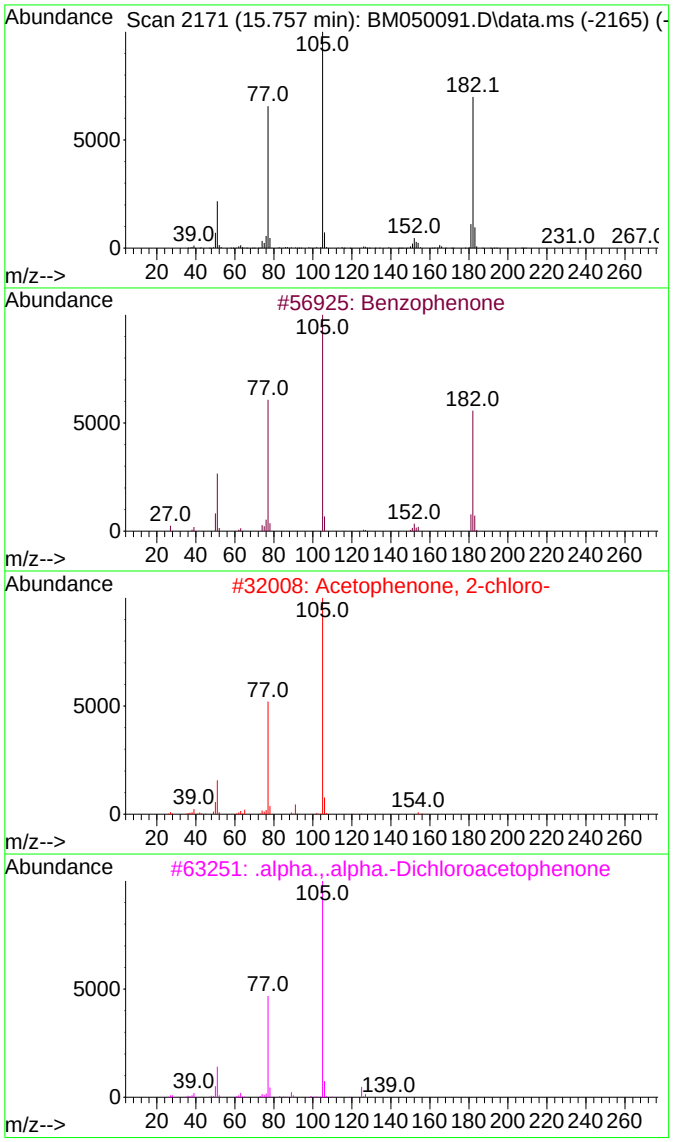
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

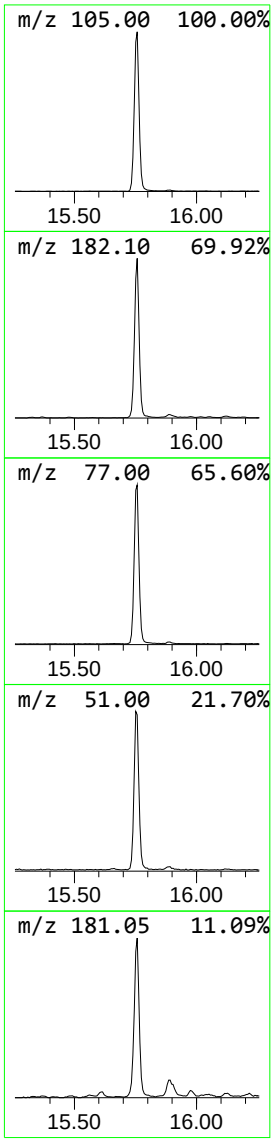
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	9.02 ng	1990570	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
3	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	43
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

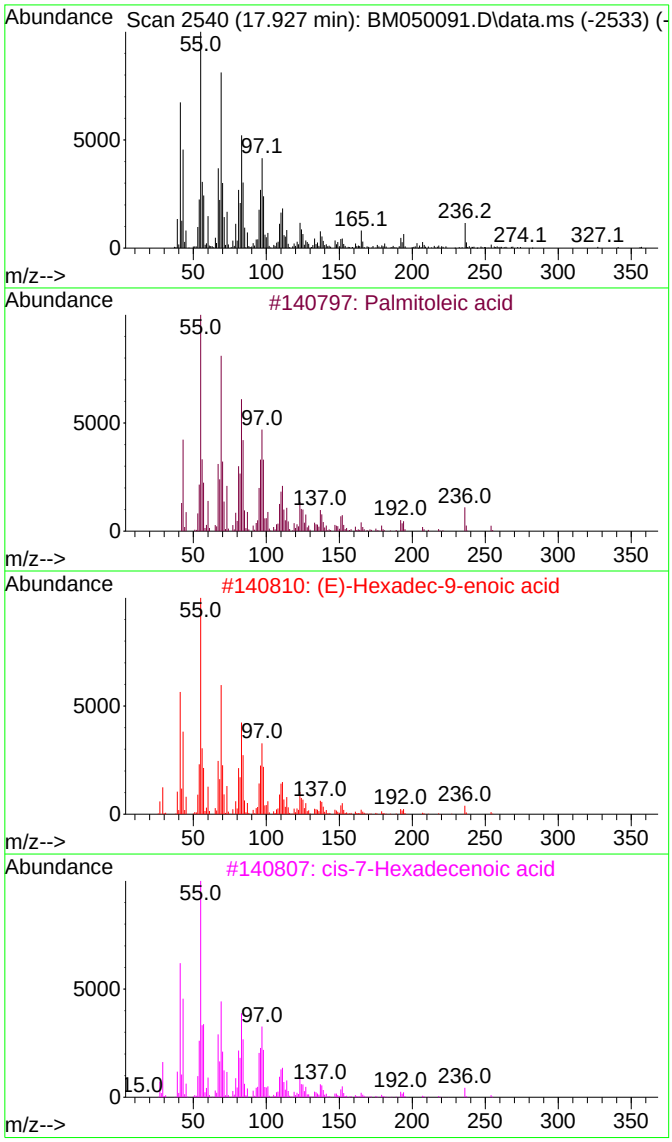
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

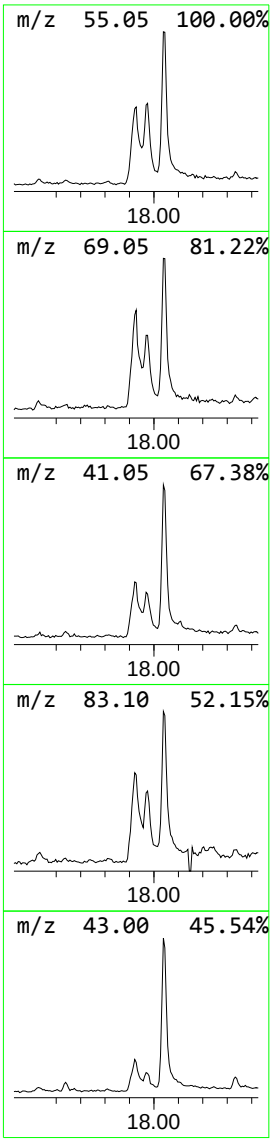
****

Peak Number 3 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	4.42 ng	876466	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	99
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	97
3	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	96
4	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	91
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

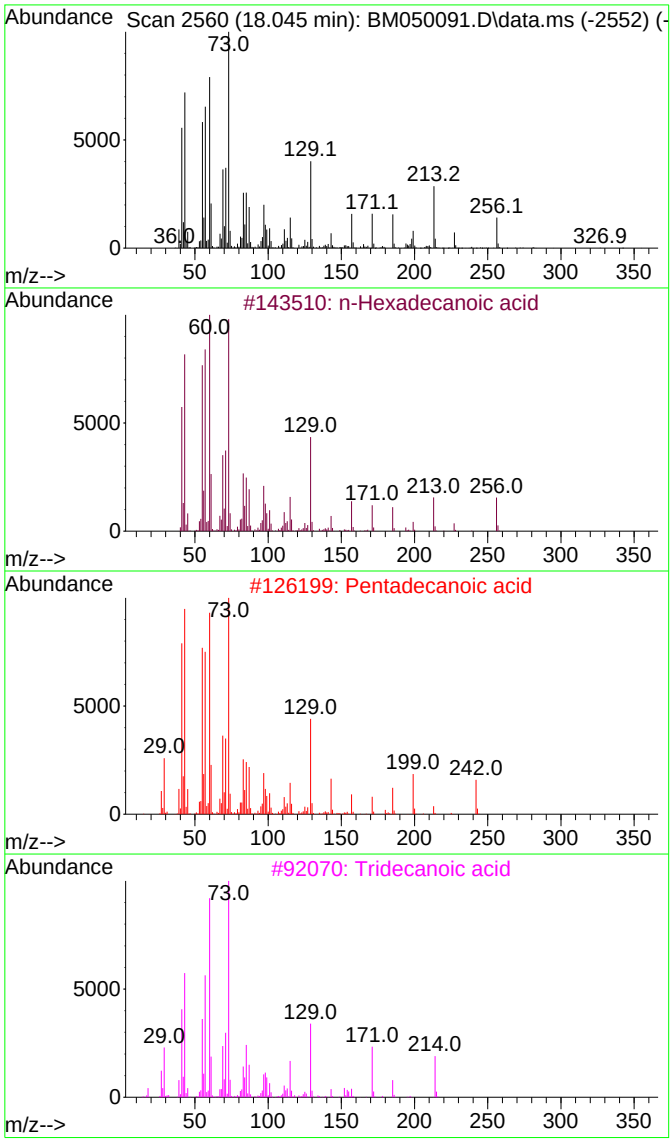
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

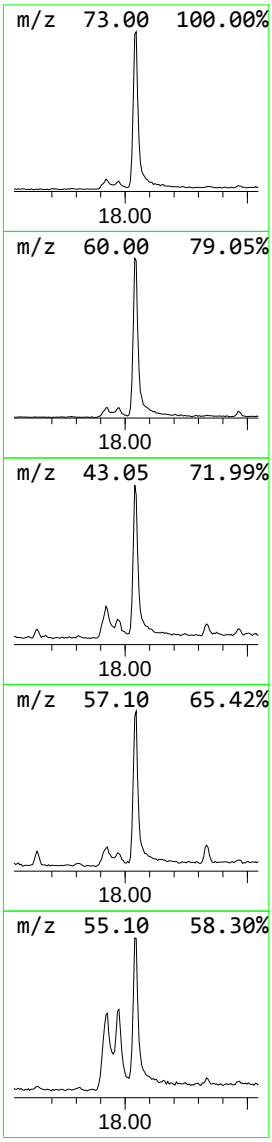
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	10.28 ng	2037210	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

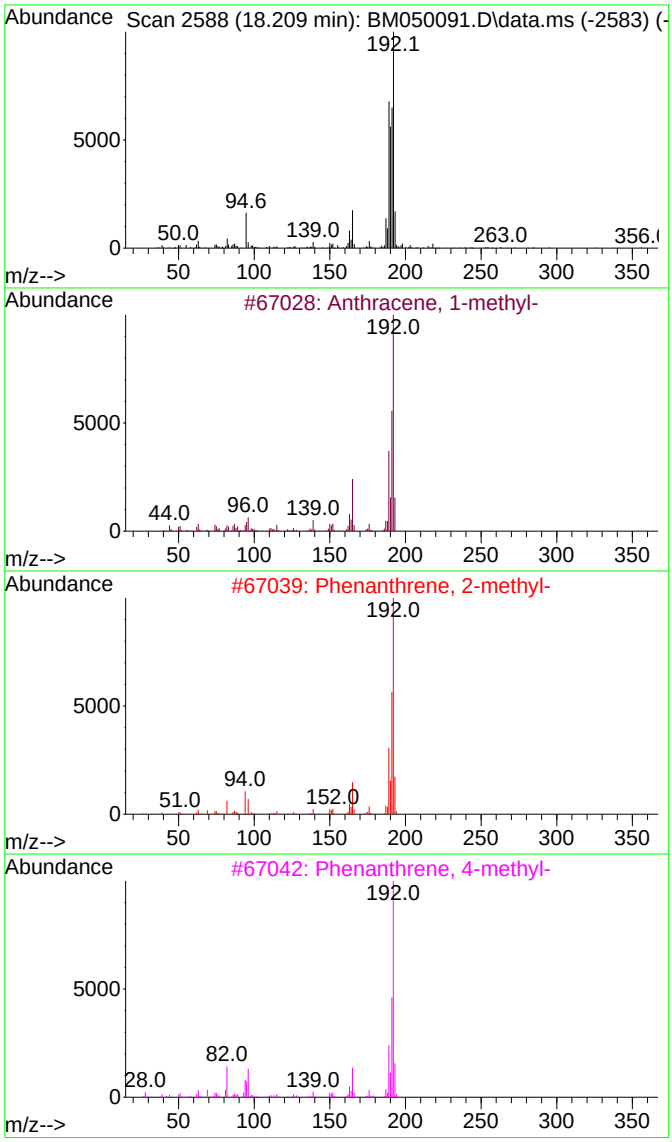
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

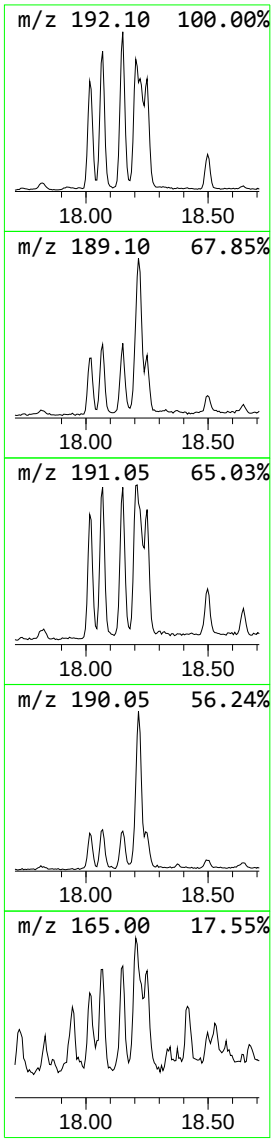
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	3.17 ng	629258	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





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Data File : BM050091.D
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Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

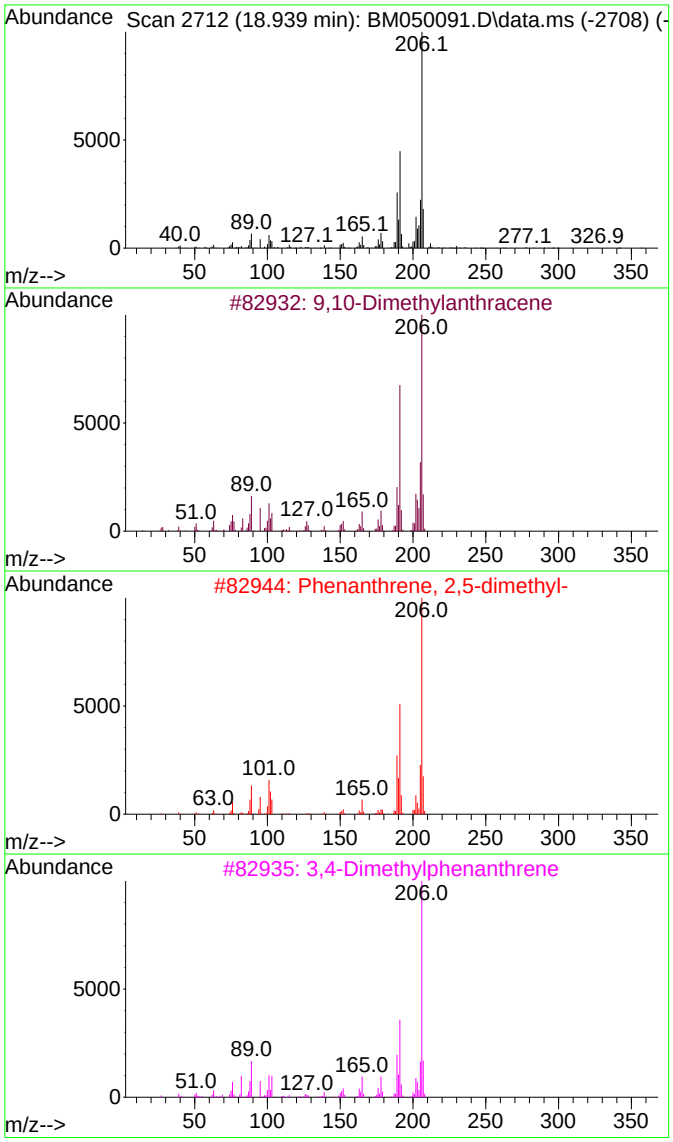
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

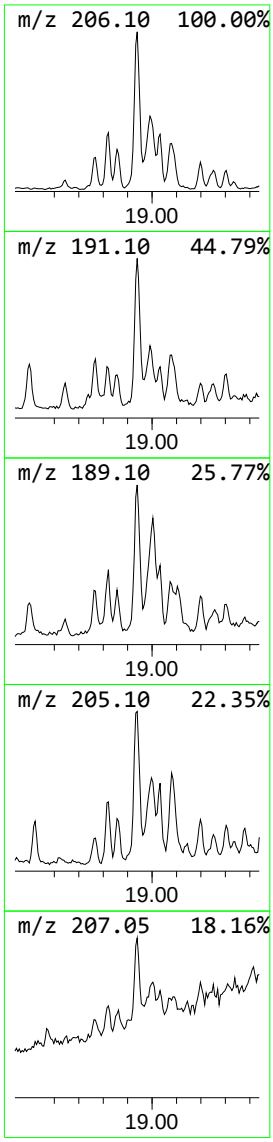
****

Peak Number 6 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	2.68 ng	531915	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050091.D
Acq On : 02 May 2025 18:36
Operator : RC/JU
Sample : Q1906-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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-...	4.875	5.2	ng	778031	1	7.745	2998950	20.0
Benzophenone	15.757	9.0	ng	1990570	3	14.392	4412330	20.0
Palmitoleic acid	17.927	4.4	ng	876466	4	17.139	3963860	20.0
n-Hexadecanoic ...	18.045	10.3	ng	2037210	4	17.139	3963860	20.0
Anthracene, 1-m...	18.209	3.2	ng	629258	4	17.139	3963860	20.0
9,10-Dimethylan...	18.939	2.7	ng	531915	4	17.139	3963860	20.0