LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049973.D
Acq On : 18 Apr 2025 19:43
Operator : RC/JU
Sample : Q1829-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LP5729

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049973.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	316	324	330	rBV	260732	385299	4.04%	0.409%
2	5.357	397	403	411	rBV	1378713	2070085	21.69%	2.195%
3	6.334	564	569	574	rBV2	69150	118840	1.25%	0.126%
4	6.657	618	624	631	rBV6	43261	105785	1.11%	0.112%
5	6.763	638	642	646	rBV	69656	96436	1.01%	0.102%
6	6.816	646	651	656	rVB2	85435	143216	1.50%	0.152%
7	6.951	664	674	694	rBV	1277796	2387955	25.03%	2.532%
8	7.422	745	754	764	rBV6	49114	136788	1.43%	0.145%
9	7.769	804	813	820	rBV	2281893	3643160	38.18%	3.863%
10	8.004	849	853	860	rBV2	104514	214002	2.24%	0.227%
11	8.310	900	905	911	rVV3	148736	277979	2.91%	0.295%
12	8.445	924	928	935	rVB	97473	176026	1.84%	0.187%
13	8.875	996	1001	1004	rBV2	78642	119867	1.26%	0.127%
14	8.928	1004	1010	1020	rVB	758017	1335699	14.00%	1.416%
15	9.087	1033	1037	1049	rVB8	52253	165721	1.74%	0.176%
16	9.398	1086	1090	1095	rBV3	56054	110820	1.16%	0.118%
17	9.657	1125	1134	1138	rBV2	66764	117841	1.23%	0.125%
18	9.845	1163	1166	1172	rVB2	77976	119404	1.25%	0.127%
19	9.969	1182	1187	1196	rBV8	54286	171572	1.80%	0.182%
20	10.563	1278	1288	1294	rBV	2605056	4445499	46.59%	4.714%
21	10.610	1294	1296	1303	rVV3	131312	214933	2.25%	0.228%
22	10.728	1313	1316	1321	rVB	69015	102827	1.08%	0.109%
23	13.033	1699	1708	1721	rBV	2268581	3344483	35.05%	3.546%
24	13.869	1846	1850	1860	rVB2	85545	170776	1.79%	0.181%
25	14.133	1889	1895	1905	rBV	598632	1064800	11.16%	1.129%
26	14.416	1933	1943	1950	rBV	3684056	5313637	55.69%	5.634%
27	15.286	2085	2091	2097	rBV2	88096	168485	1.77%	0.179%
28	15.463	2117	2121	2124	rBV3	61357	110948	1.16%	0.118%
29	15.674	2153	2157	2166	rVB4	66026	136876	1.43%	0.145%
30	15.768	2168	2173	2187	rVB	477815	761256	7.98%	0.807%
31	15.904	2191	2196	2205	rVB	1349716	2027396	21.25%	2.150%
32	16.139	2231	2236	2243	rBV3	162640	380695	3.99%	0.404%
33	16.974	2375	2378	2383	rVB	116918	170679	1.79%	0.181%
34	17.157	2404	2409	2414	rBV2	3694615	5289030	55.43%	5.608%
35	17.198	2414	2416	2423	rVV	853312	1068306	11.20%	1.133%
36	17.292	2427	2432	2438	rVV	1158256	1597918	16.75%	1.694%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049973.D
Acq On : 18 Apr 2025 19:43
Operator : RC/JU
Sample : Q1829-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.568	2475	2479	2485	rBV	187983	302342	3.17%	0.321%
38	17.739	2506	2508	2513	rVB2	92111	105064	1.10%	0.111%
39	18.033	2555	2558	2560	rBV	234075	309143	3.24%	0.328%
40	18.080	2564	2566	2571	rVB	334228	423179	4.43%	0.449%
41	18.162	2577	2580	2586	rBV	254211	340207	3.57%	0.361%
42	18.227	2586	2591	2596	rBV3	536227	1012498	10.61%	1.074%
43	18.533	2641	2643	2647	rVB	191234	212139	2.22%	0.225%
44	18.957	2711	2715	2718	rBV	310514	482768	5.06%	0.512%
45	19.098	2735	2739	2745	rBV	292836	477099	5.00%	0.506%
46	19.221	2754	2760	2765	rBV	5088704	6608844	69.26%	7.008%
47	19.368	2782	2785	2789	rVB	373826	444830	4.66%	0.472%
48	19.580	2812	2821	2830	rBV	4606639	7055325	73.94%	7.481%
49	19.656	2831	2834	2840	rVB2	251354	374787	3.93%	0.397%
50	19.780	2851	2855	2859	rVB	2624443	3120596	32.70%	3.309%
51	20.074	2902	2905	2912	rVB	759148	1115141	11.69%	1.182%
52	20.174	2919	2922	2926	rBV	376219	470041	4.93%	0.498%
53	20.239	2929	2933	2937	rVB2	525149	730945	7.66%	0.775%
54	20.374	2954	2956	2960	rVB	326625	341225	3.58%	0.362%
55	21.039	3067	3069	3073	rVB	310201	320048	3.35%	0.339%
56	21.080	3073	3076	3082	rVB3	557606	857661	8.99%	0.909%
57	21.398	3123	3130	3134	rBV2	4547661	9541961	100.00%	10.118%
58	21.445	3134	3138	3150	rVB	2179050	3585420	37.58%	3.802%
59	21.586	3159	3162	3169	rBV3	462780	746057	7.82%	0.791%
60	22.156	3256	3259	3265	rVB3	557714	842555	8.83%	0.893%
61	23.456	3474	3480	3487	rBV	1903060	5310960	55.66%	5.632%
62	24.127	3589	3594	3608	rVB	1118047	2693764	28.23%	2.856%
63	24.262	3611	3617	3629	rVB	1524495	3803528	39.86%	4.033%
64	24.409	3635	3642	3649	rBV	1974374	4413516	46.25%	4.680%

Sum of corrected areas: 94306682

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
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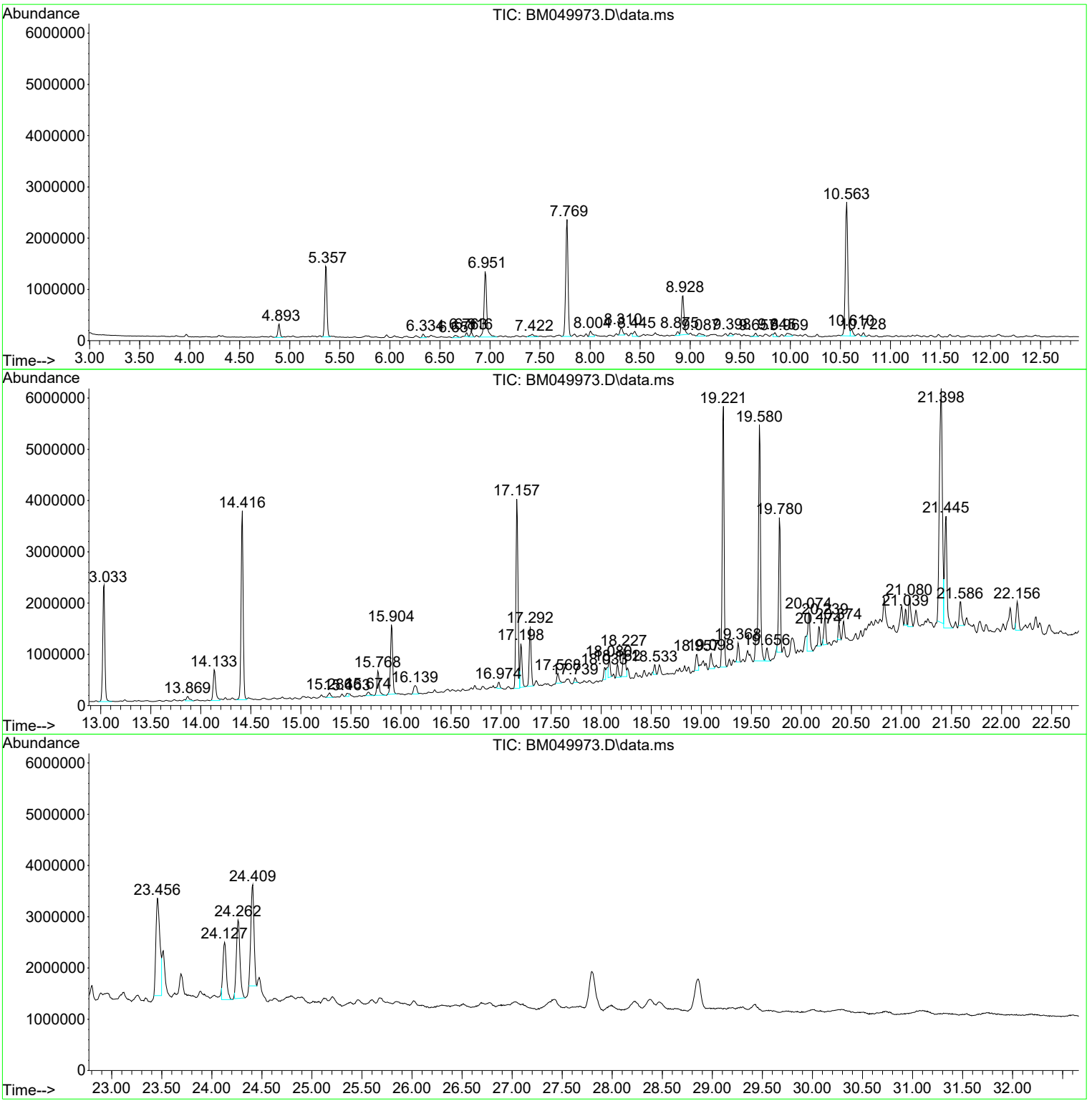
Acq On : 18 Apr 2025 19:43
Operator : RC/JU
Sample : Q1829-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LP5729

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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\BM041825\
Data File : BM049973.D
Acq On : 18 Apr 2025 19:43
Operator : RC/JU
Sample : Q1829-01 5X
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Instrument :
BNA_M
ClientSampleId :
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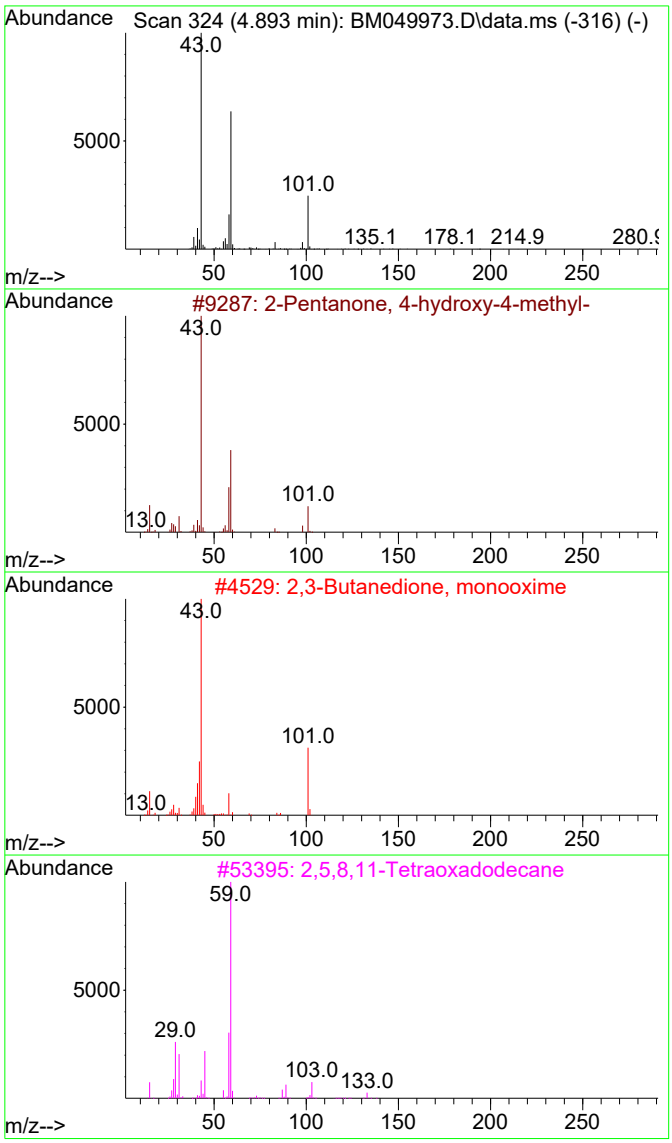
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

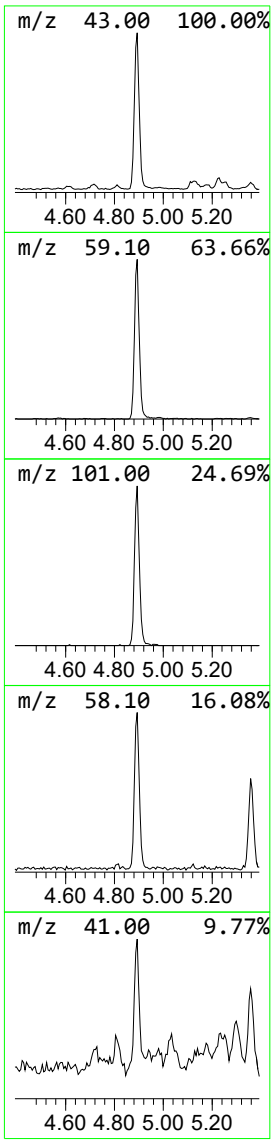
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	2.12 ng	385299	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Tetraglyme	222	C10H22O5	000143-24-8	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049973.D
Acq On : 18 Apr 2025 19:43
Operator : RC/JU
Sample : Q1829-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LP5729

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

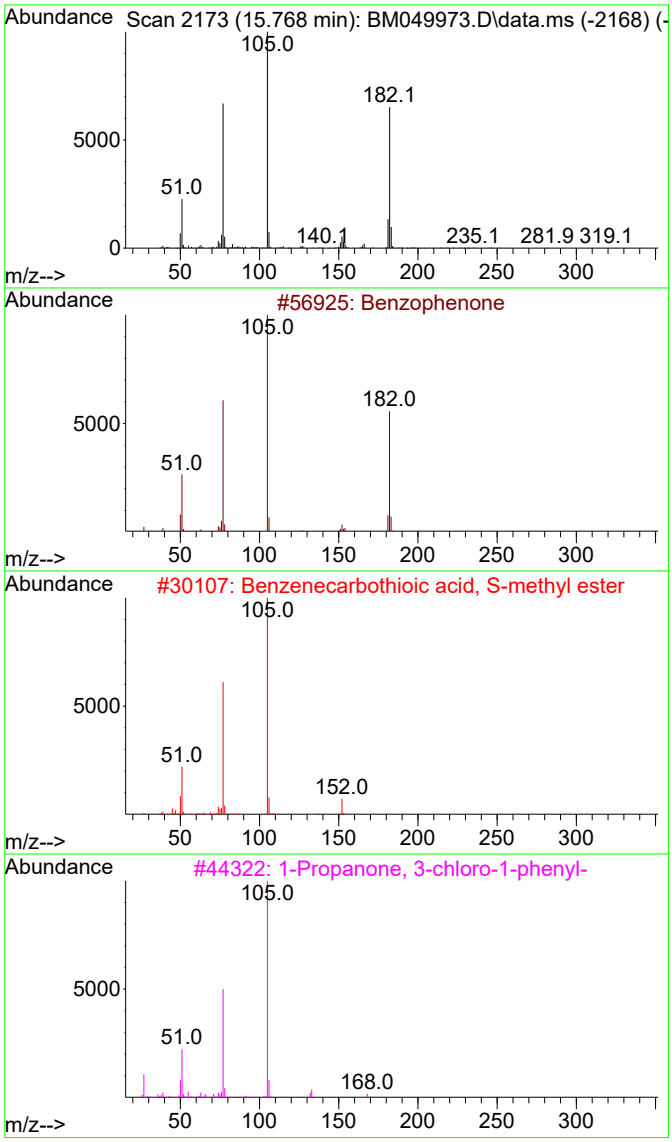
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

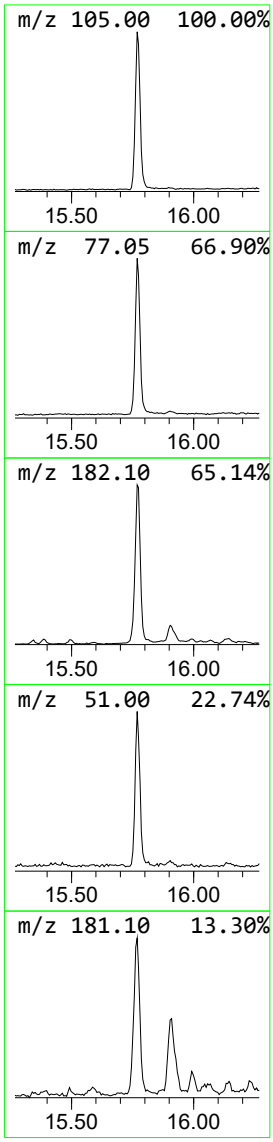
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	2.87 ng	761256	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
4	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049973.D
Acq On : 18 Apr 2025 19:43
Operator : RC/JU
Sample : Q1829-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LP5729

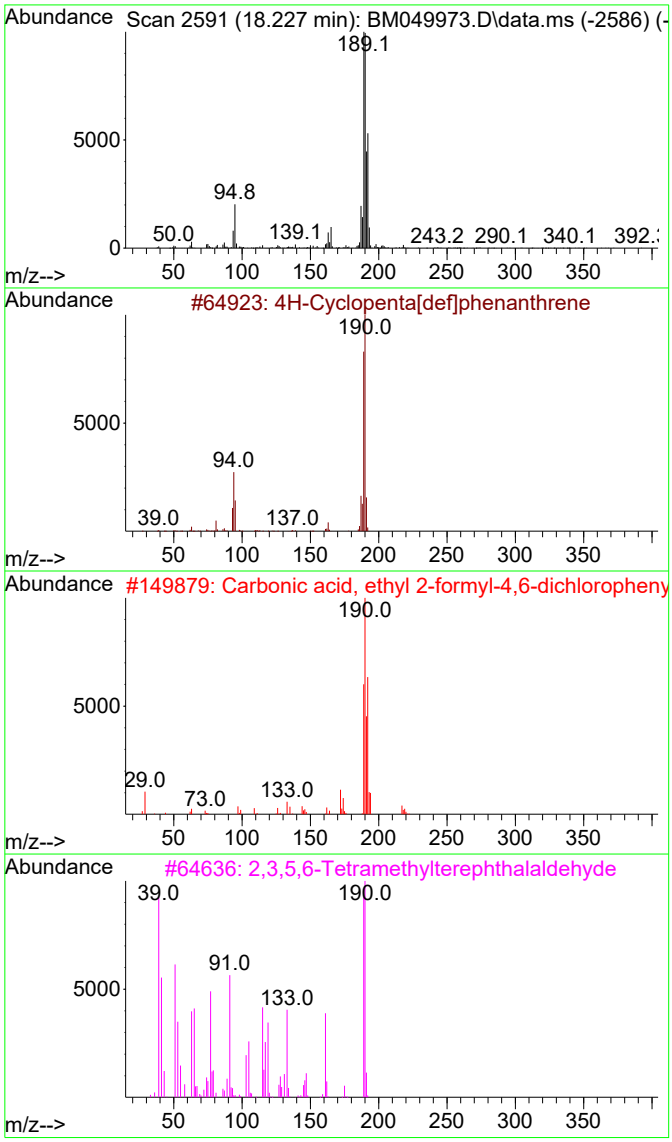
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

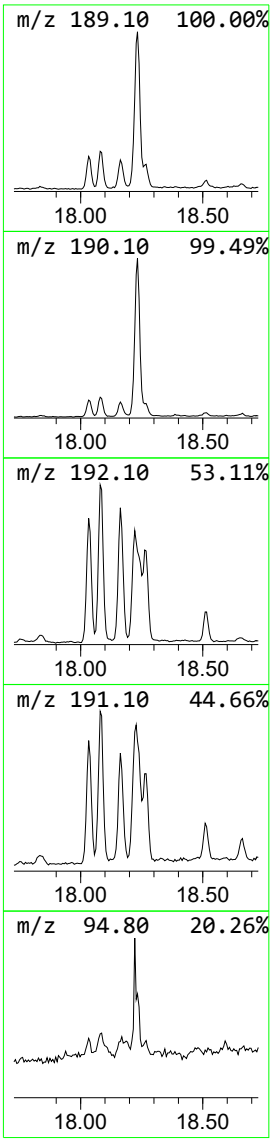
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	3.83 ng	1012500	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049973.D
Acq On : 18 Apr 2025 19:43
Operator : RC/JU
Sample : Q1829-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LP5729

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

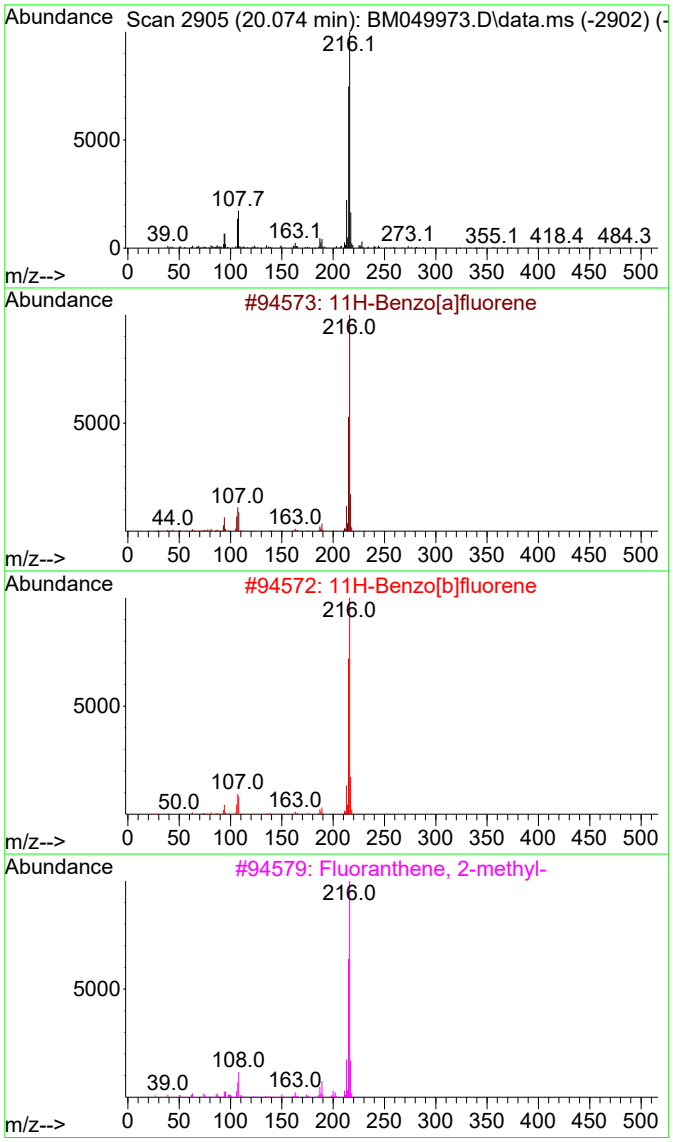
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

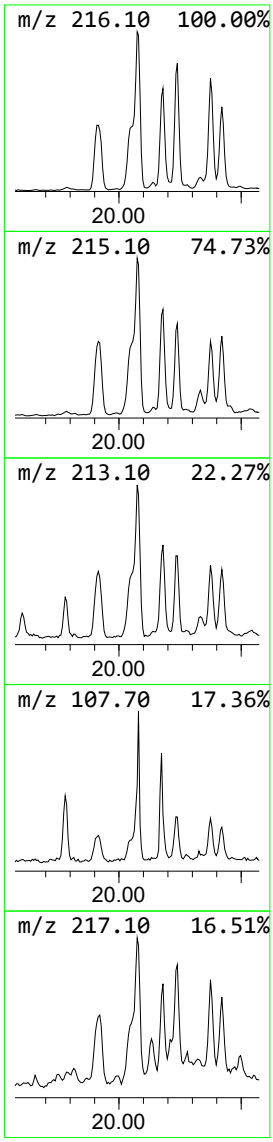
****

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.074	2.34 ng	1115140	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Sample : Q1829-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

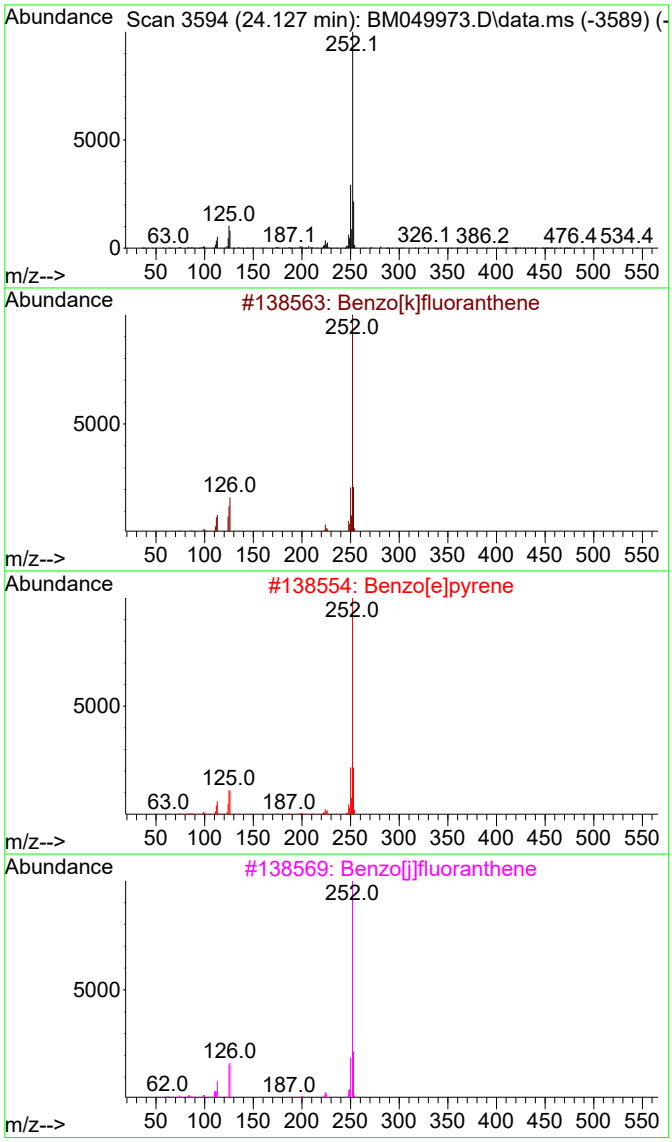
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

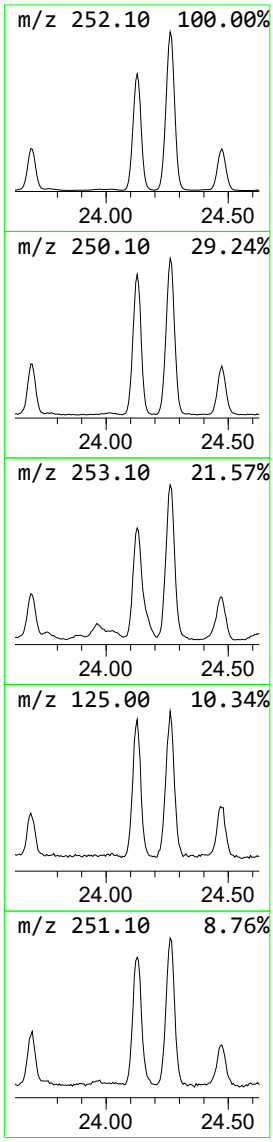
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.127	12.21 ng	2693760	Perylene-d12	24.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049973.D
Acq On : 18 Apr 2025 19:43
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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-...	4.893	2.1	ng	385299	1	7.769	3643160	20.0
Benzophenone	15.769	2.9	ng	761256	3	14.416	5313640	20.0
4H-Cyclopenta[d...	18.227	3.8	ng	1012500	4	17.157	5289030	20.0
11H-Benzo[a]flu...	20.074	2.3	ng	1115140	5	21.398	9541960	20.0
Benzo[e]pyrene	24.127	12.2	ng	2693760	6	24.409	4413520	20.0