LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025133.D
Acq On : 14 Jul 2025 23:59
Operator : CG/JU
Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LP-7102025

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_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.660	287	293	301	rBV	516055	673664	5.24%	0.576%
2	5.101	361	368	376	rBV	5762665	7960722	61.92%	6.811%
3	6.631	620	628	645	rBV	5389713	8392848	65.28%	7.180%
4	7.437	758	765	773	rBV	2325193	3335623	25.94%	2.854%
5	8.560	948	956	964	rBV	3573349	5361146	41.70%	4.587%
6	10.178	1222	1231	1238	rBV	2590550	4619542	35.93%	3.952%
7	12.689	1650	1658	1670	rBV	7162806	10975743	85.36%	9.390%
8	13.801	1842	1847	1854	rVB	95583	146562	1.14%	0.125%
9	14.089	1889	1896	1902	rBV	4447539	5693035	44.28%	4.870%
10	14.148	1902	1906	1911	rVB	444765	596868	4.64%	0.511%
11	14.495	1959	1965	1971	rBV	205977	297695	2.32%	0.255%
12	15.166	2073	2079	2084	rVB	389347	553244	4.30%	0.473%
13	15.495	2127	2135	2142	rVB	1533685	2070277	16.10%	1.771%
14	15.601	2147	2153	2164	rBV	6077882	8685534	67.55%	7.431%
15	15.860	2190	2197	2202	rBV3	97970	164132	1.28%	0.140%
16	16.060	2226	2231	2235	rBV	86487	129199	1.00%	0.111%
17	16.195	2243	2254	2259	rBV5	64372	176893	1.38%	0.151%
18	16.548	2307	2314	2325	rVB2	226808	399932	3.11%	0.342%
19	16.713	2338	2342	2347	rVB	138172	193209	1.50%	0.165%
20	16.907	2367	2375	2378	rBV	3513142	5923846	46.07%	5.068%
21	16.942	2378	2381	2388	rVV	1402669	2039102	15.86%	1.744%
22	17.036	2388	2397	2403	rVB	334291	524472	4.08%	0.449%
23	17.313	2436	2444	2451	rBV2	101750	200237	1.56%	0.171%
24	17.813	2524	2529	2533	rBV	165943	240681	1.87%	0.206%
25	17.883	2533	2541	2548	rVV2	1203381	2119629	16.49%	1.813%
26	17.942	2548	2551	2556	rVV	184196	328349	2.55%	0.281%
27	18.007	2557	2562	2566	rVV2	406373	699822	5.44%	0.599%
28	18.042	2566	2568	2575	rVB	128837	166480	1.29%	0.142%
29	18.336	2615	2618	2621	rBV	148799	182751	1.42%	0.156%
30	18.771	2682	2692	2698	rBV2	130226	385084	3.00%	0.329%
31	19.048	2734	2739	2745	rBV	2621381	3414863	26.56%	2.921%
32	19.107	2746	2749	2751	rVV2	140311	157704	1.23%	0.135%
33	19.230	2766	2770	2777	rBV3	273489	422857	3.29%	0.362%
34	19.424	2794	2803	2807	rBV	2004437	2965450	23.06%	2.537%
35	19.660	2838	2843	2853	rVB	10519798	12857450	100.00%	11.000%
36	19.954	2889	2893	2897	rVB	320631	429180	3.34%	0.367%

LSC Area Percent Report

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Data File : BP025133.D
Acq On : 14 Jul 2025 23:59
Operator : CG/JU
Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LP-7102025

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_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.059	2907	2911	2916	rVB2	367543	442837	3.44%	0.379%
38	20.112	2917	2920	2924	rVB2	184480	242136	1.88%	0.207%
39	20.236	2934	2941	2951	rBV5	301714	861272	6.70%	0.737%
40	21.065	3078	3082	3093	rVB3	879580	1562548	12.15%	1.337%
41	21.330	3120	3127	3132	rBV3	4930295	8743892	68.01%	7.481%
42	21.377	3132	3135	3149	rVB	943178	1653757	12.86%	1.415%
43	23.477	3487	3492	3501	rBV	544321	1454788	11.31%	1.245%
44	24.306	3629	3633	3634	rBV	348928	417111	3.24%	0.357%
45	24.471	3652	3661	3669	rBV	3122143	8026111	62.42%	6.866%

Sum of corrected areas: 116888277

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Instrument :
BNA_P
ClientSampleId :
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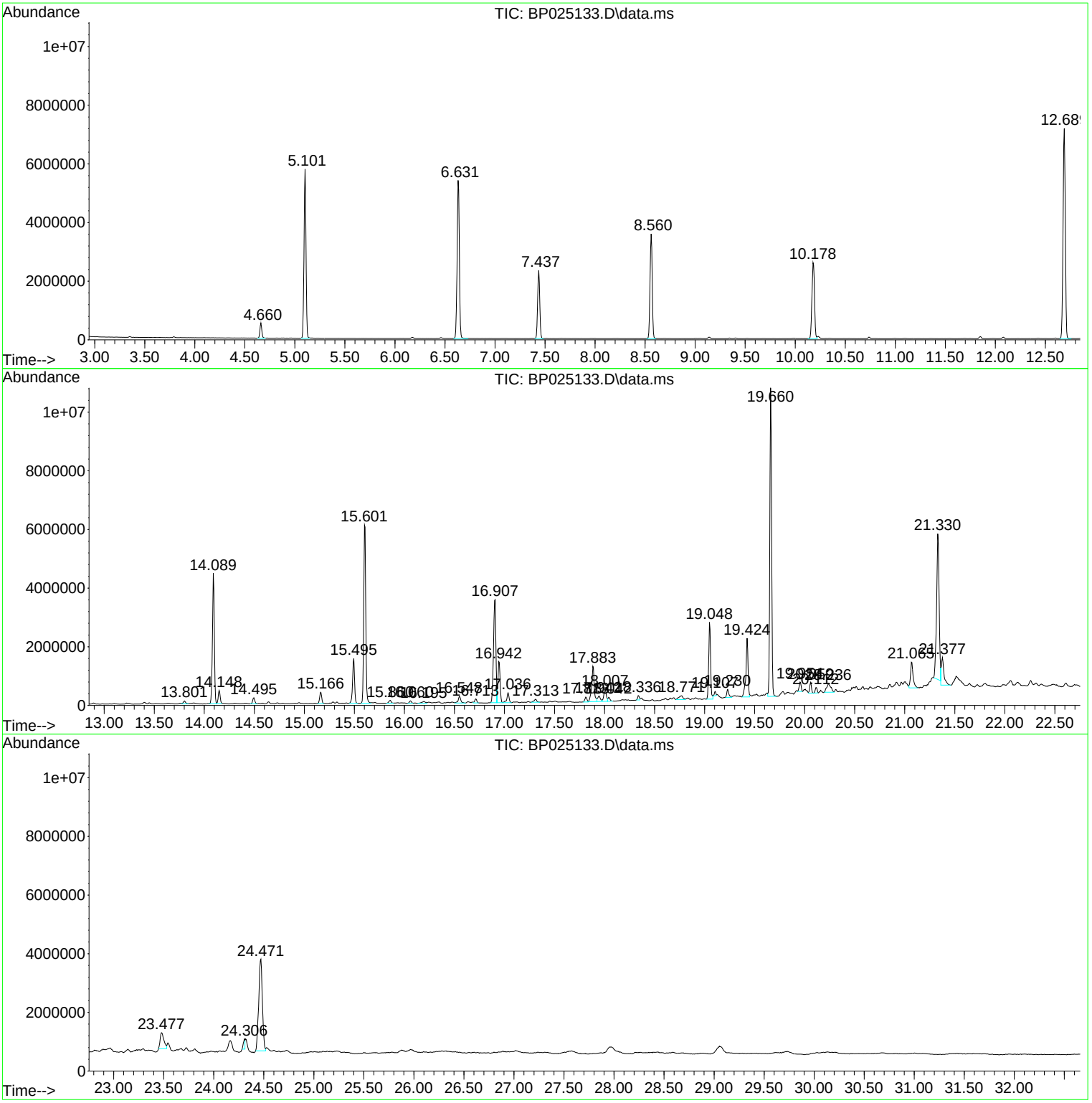
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025133.D
Acq On : 14 Jul 2025 23:59
Operator : CG/JU
Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LP-7102025

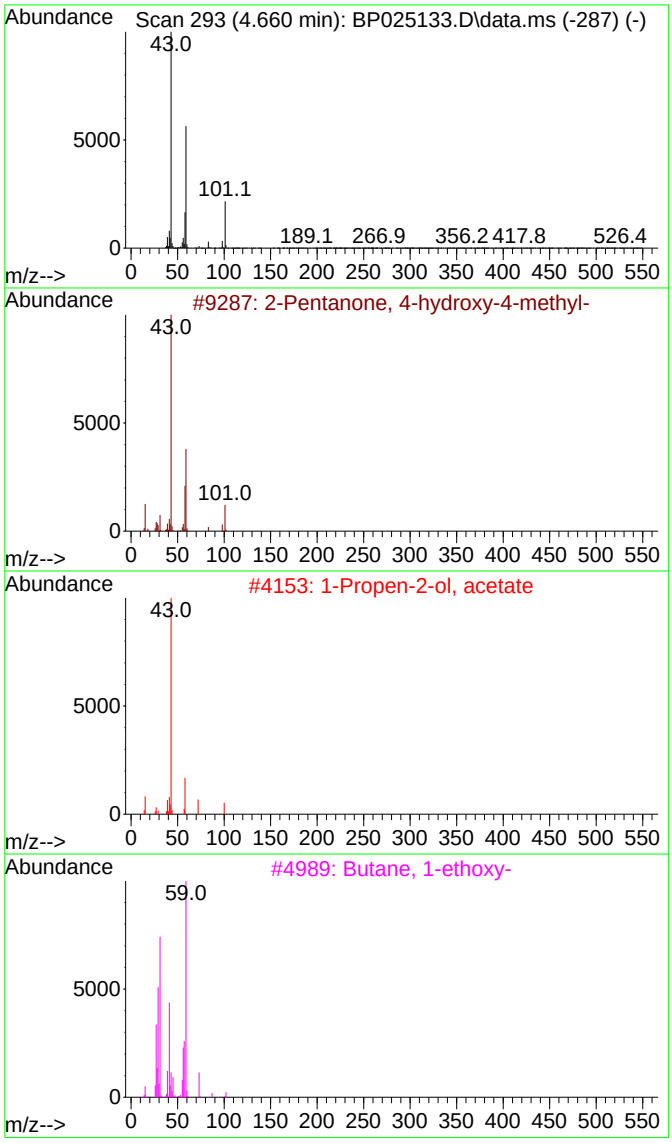
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

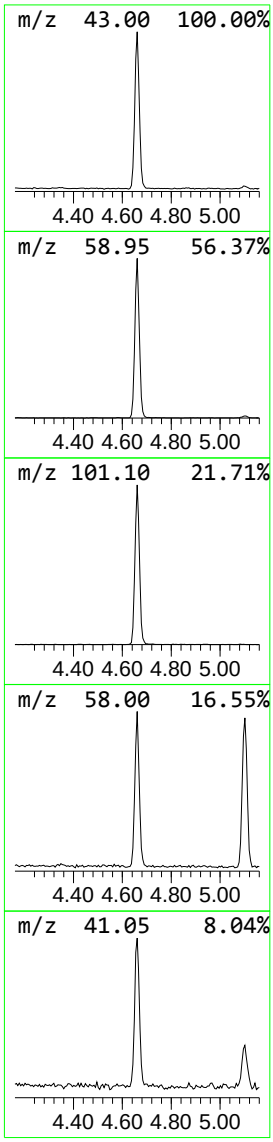
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.660	4.04 ng	673664	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
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Acq On : 14 Jul 2025 23:59
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Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LP-7102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

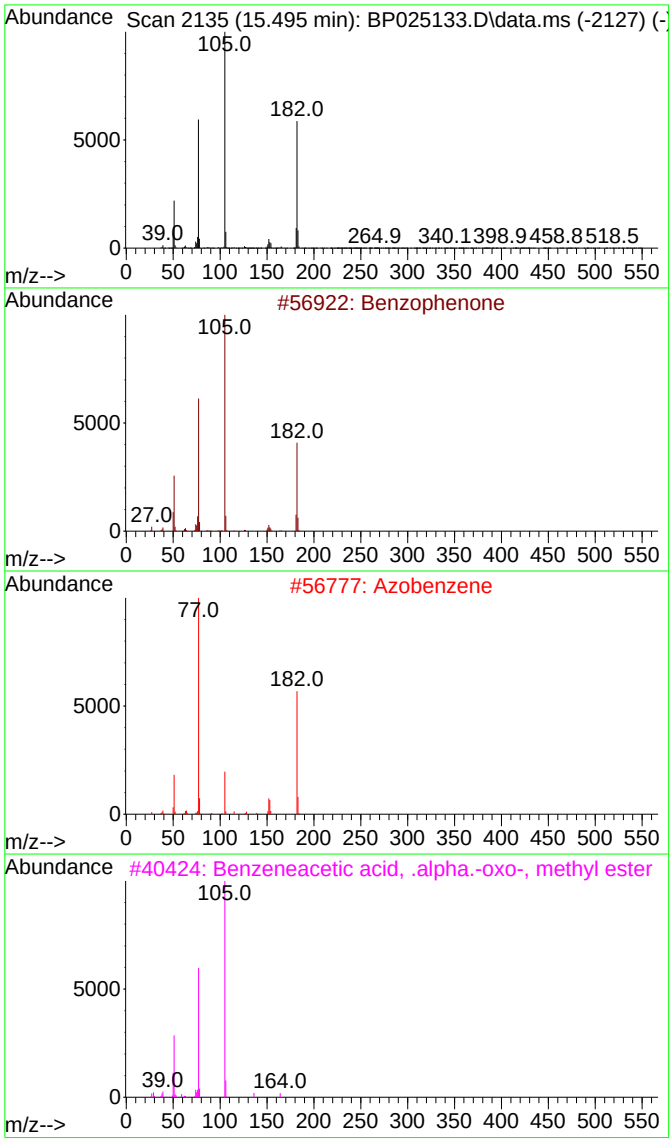
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

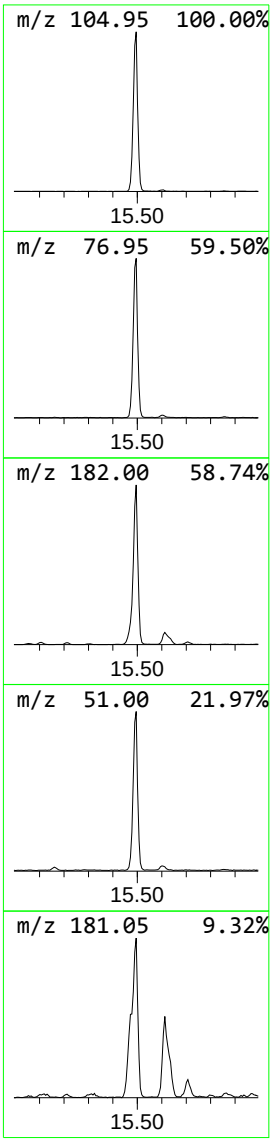
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.495	7.27 ng	2070280	Acenaphthene-d10	14.089

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025133.D
Acq On : 14 Jul 2025 23:59
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Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LP-7102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

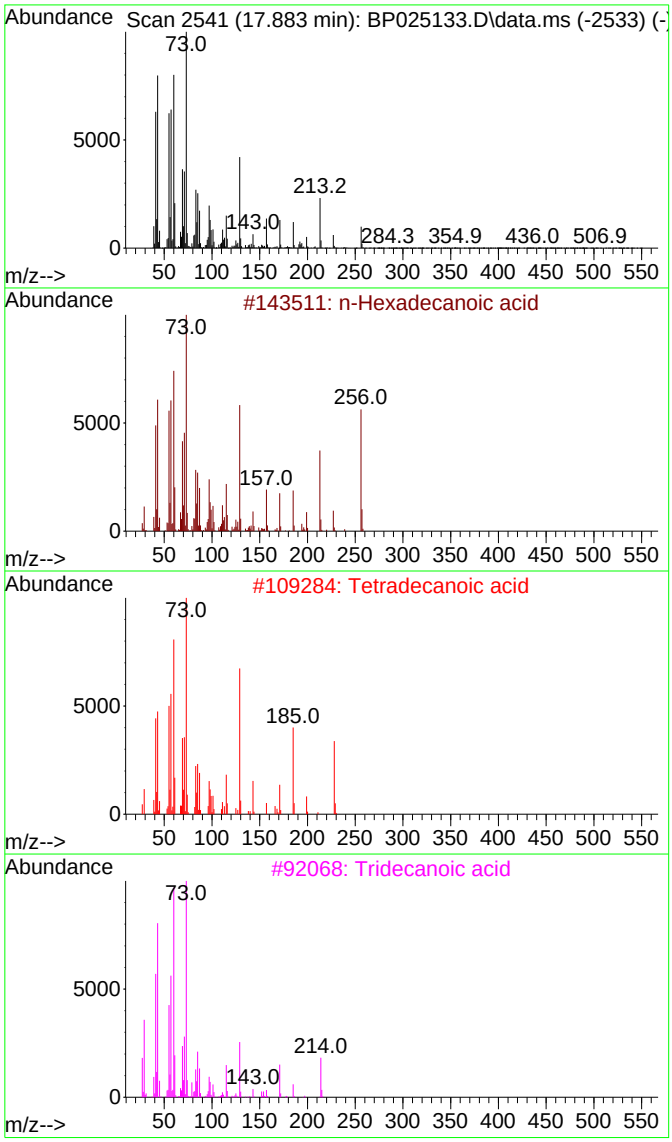
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

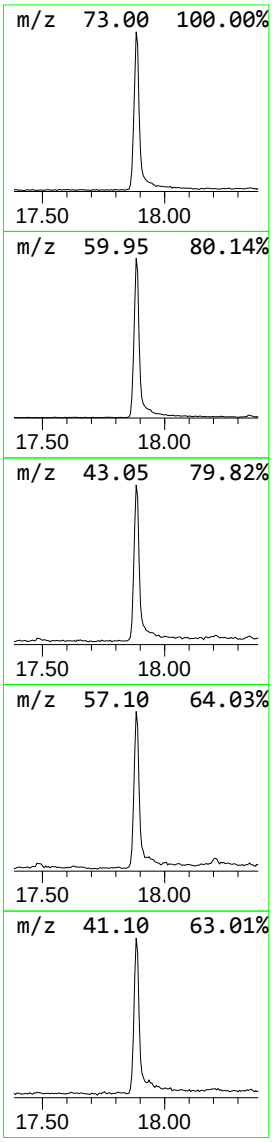
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.883	7.16 ng	2119630	Phenanthrene-d10	16.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025133.D
Acq On : 14 Jul 2025 23:59
Operator : CG/JU
Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LP-7102025

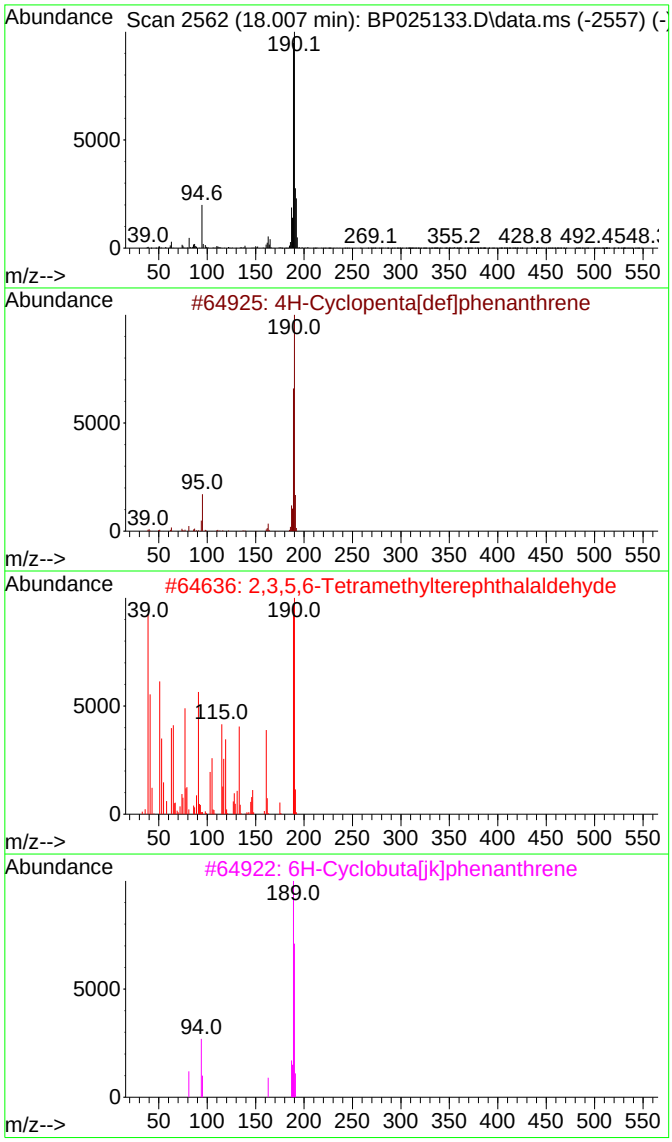
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

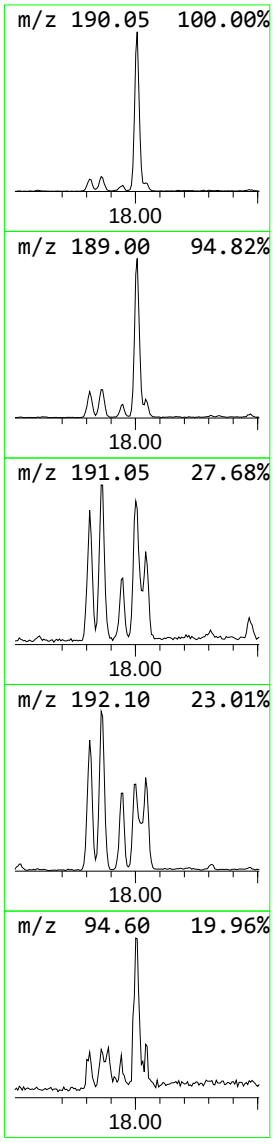
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.007	2.36 ng	699822	Phenanthrene-d10	16.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
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Operator : CG/JU
Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LP-7102025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

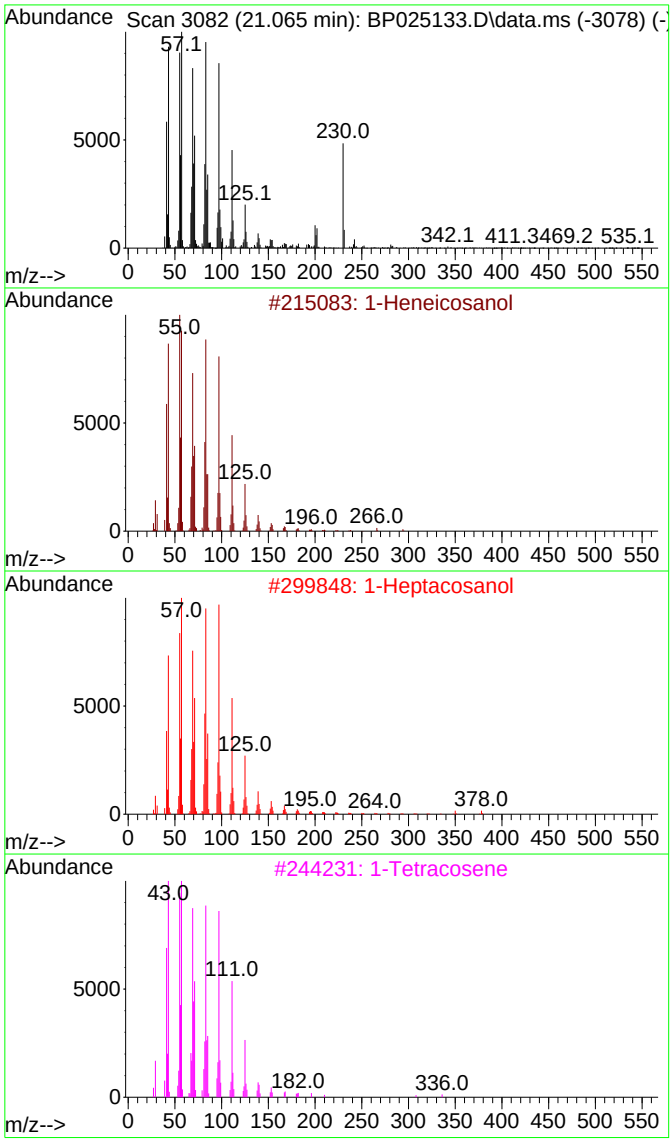
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

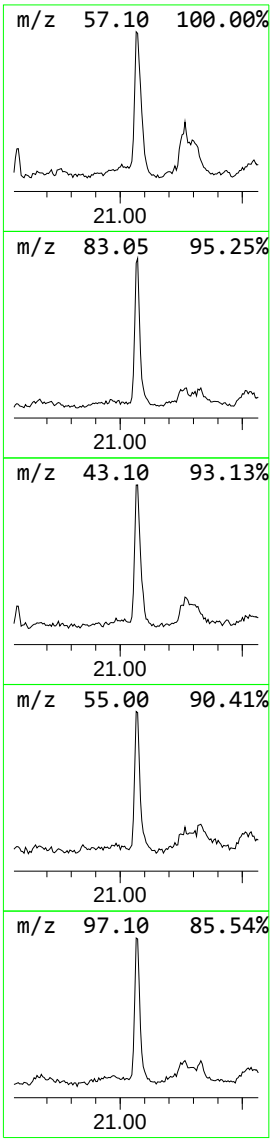
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.065	3.57 ng	1562550	Chrysene-d12	21.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	1-Tetracosene	336	C24H48	010192-32-2	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Pentacos-1-ene	350	C25H50	016980-85-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025133.D
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Operator : CG/JU
Sample : Q2560-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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-...	4.660	4.0	ng	673664	1	7.437	3335620	20.0
Benzophenone	15.495	7.3	ng	2070280	3	14.089	5693040	20.0
n-Hexadecanoic ...	17.883	7.2	ng	2119630	4	16.901	5923850	20.0
4H-Cyclopenta[d...	18.007	2.4	ng	699822	4	16.901	5923850	20.0
1-Heneicosanol	21.065	3.6	ng	1562550	5	21.330	8743890	20.0