LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024950.D
Acq On : 13 Jun 2025 18:56
Operator : RC/JU
Sample : Q2305-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	305	312	322	rBV	416506	587393	9.19%	1.283%
2	5.243	386	392	418	rBV	1511200	2475595	38.74%	5.408%
3	6.819	653	660	686	rBV	1348480	2628700	41.14%	5.743%
4	7.608	786	794	805	rBV	897831	1428155	22.35%	3.120%
5	8.761	983	990	1009	rBV	899195	1677384	26.25%	3.664%
6	8.925	1014	1018	1027	rVB3	31049	70738	1.11%	0.155%
7	10.378	1252	1265	1281	rBV	1179296	2068776	32.38%	4.519%
8	12.860	1680	1687	1706	rBV	2946765	4118247	64.45%	8.997%
9	13.066	1717	1722	1728	rVB	61951	103161	1.61%	0.225%
10	13.731	1828	1835	1838	rBV2	50303	96204	1.51%	0.210%
11	14.154	1902	1907	1912	rBV	121503	178801	2.80%	0.391%
12	14.254	1914	1924	1931	rBV	1854597	2813582	44.03%	6.147%
13	15.125	2065	2072	2076	rBV	186899	244595	3.83%	0.534%
14	15.537	2137	2142	2152	rVB	104942	184064	2.88%	0.402%
15	15.643	2155	2160	2166	rVV	441092	644410	10.08%	1.408%
16	15.784	2177	2184	2198	rBV	2165502	3384238	52.96%	7.393%
17	16.007	2217	2222	2224	rBV	223496	318169	4.98%	0.695%
18	16.819	2356	2360	2363	rBV	205001	256740	4.02%	0.561%
19	16.866	2365	2368	2377	rVB2	141415	253915	3.97%	0.555%
20	17.054	2395	2400	2406	rBV2	2117750	3182240	49.80%	6.952%
21	17.107	2406	2409	2415	rVB	173195	266784	4.18%	0.583%
22	17.201	2423	2425	2430	rVB	53810	67038	1.05%	0.146%
23	17.578	2485	2489	2494	rBV	182178	253328	3.96%	0.553%
24	17.995	2556	2560	2569	rBV2	524945	758680	11.87%	1.657%
25	18.301	2608	2612	2617	rVB	200335	247445	3.87%	0.541%
26	18.778	2691	2693	2696	rBV3	63847	79223	1.24%	0.173%
27	18.954	2720	2723	2725	rBV2	183222	227181	3.56%	0.496%
28	19.189	2759	2763	2768	rBV	628629	876125	13.71%	1.914%
29	19.325	2784	2786	2791	rBV2	166374	210443	3.29%	0.460%
30	19.560	2823	2826	2831	rVB	659075	754565	11.81%	1.648%
31	19.783	2859	2864	2872	rVB	5115326	6389921	100.00%	13.959%
32	20.119	2918	2921	2925	rVB	228616	261378	4.09%	0.571%
33	21.154	3094	3097	3108	rVB2	687981	1180925	18.48%	2.580%
34	21.483	3148	3153	3158	rBV	2226090	3575872	55.96%	7.812%
35	24.760	3703	3710	3718	rVB2	1468716	3911025	61.21%	8.544%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-06122025

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 45775040

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
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Instrument :
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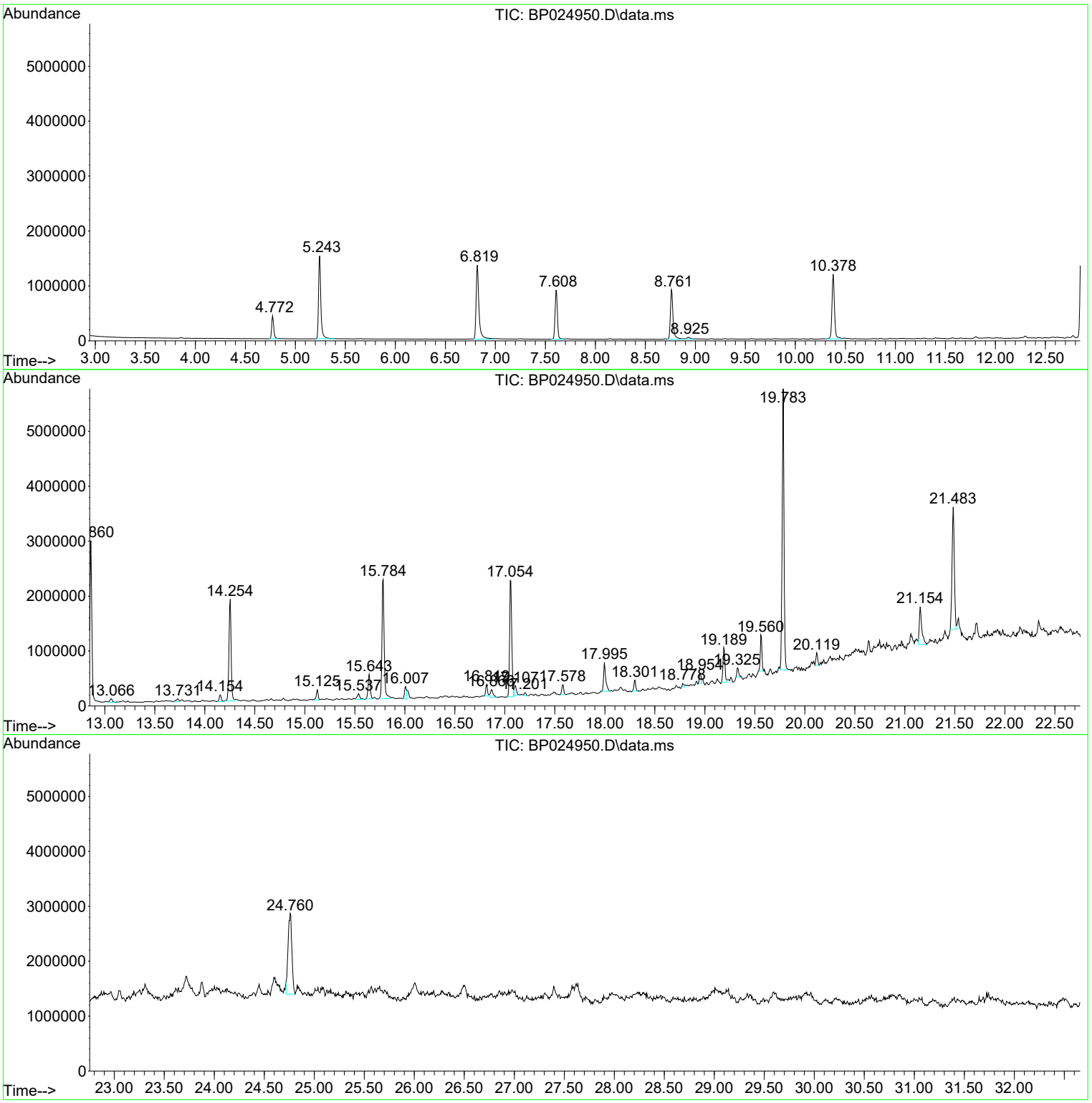
ClientSampleId :
TR-04-06122025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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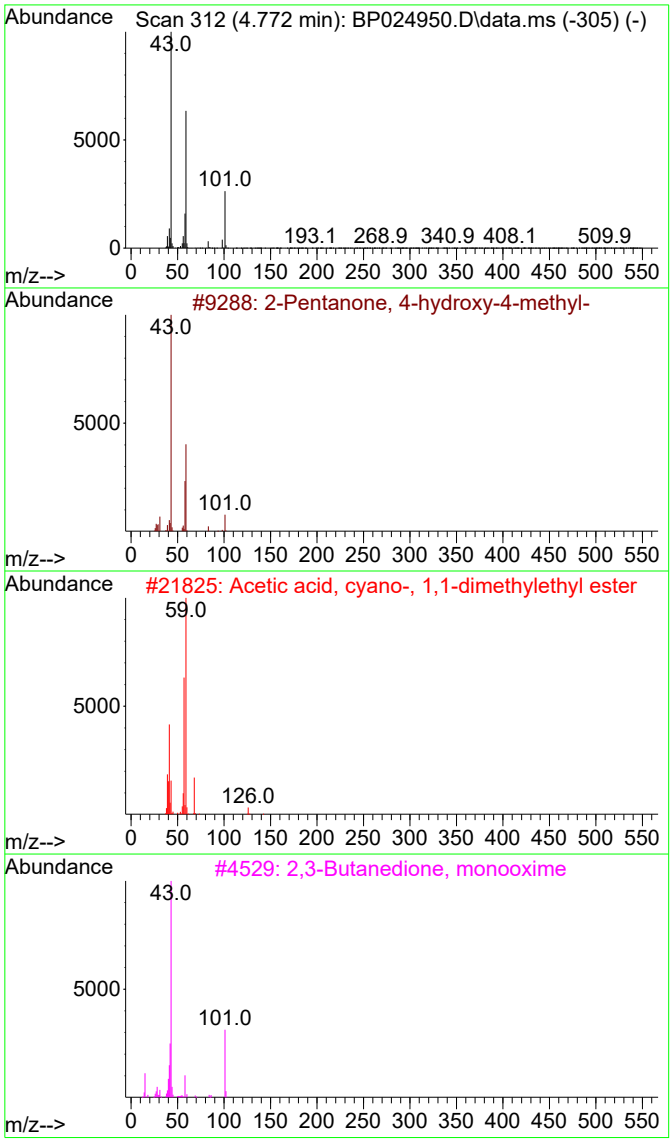
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

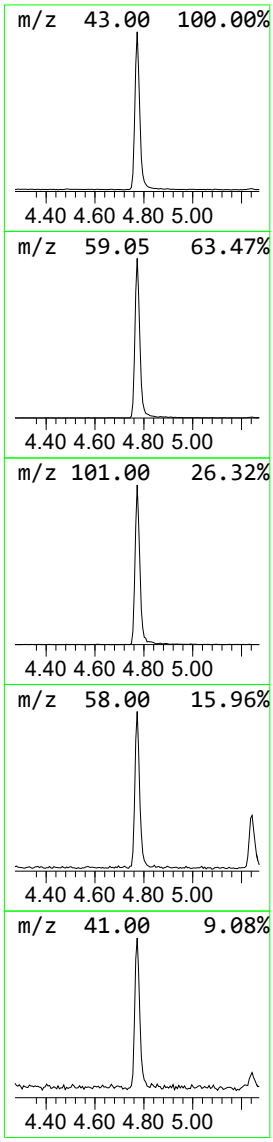
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	8.23 ng	587393	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

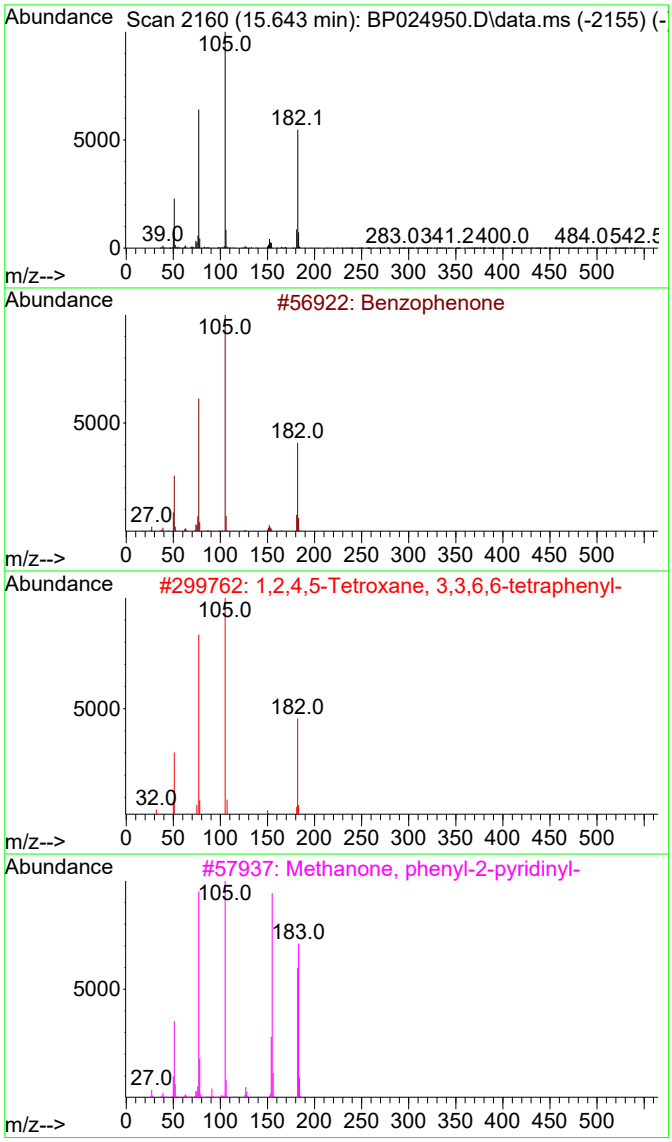
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

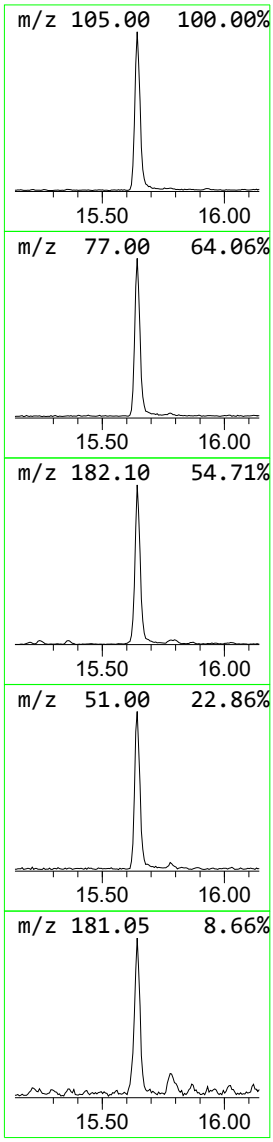
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.643	4.58 ng	644410	Acenaphthene-d10	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	40





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Data File : BP024950.D
Acq On : 13 Jun 2025 18:56
Operator : RC/JU
Sample : Q2305-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-06122025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

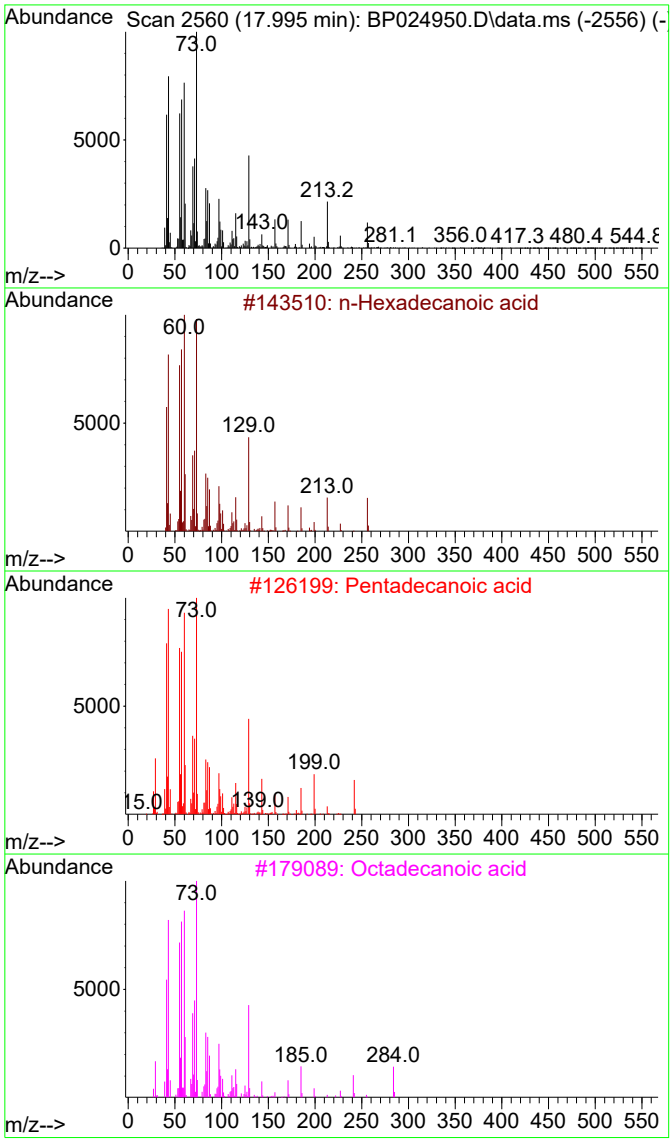
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

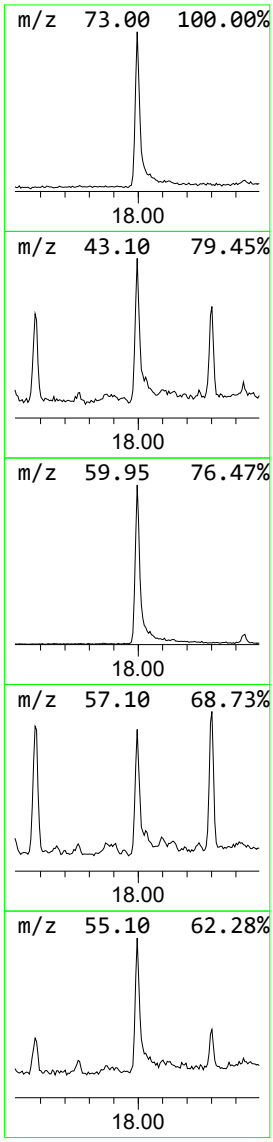
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.995	4.77 ng	758680	Phenanthrene-d10	17.054

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

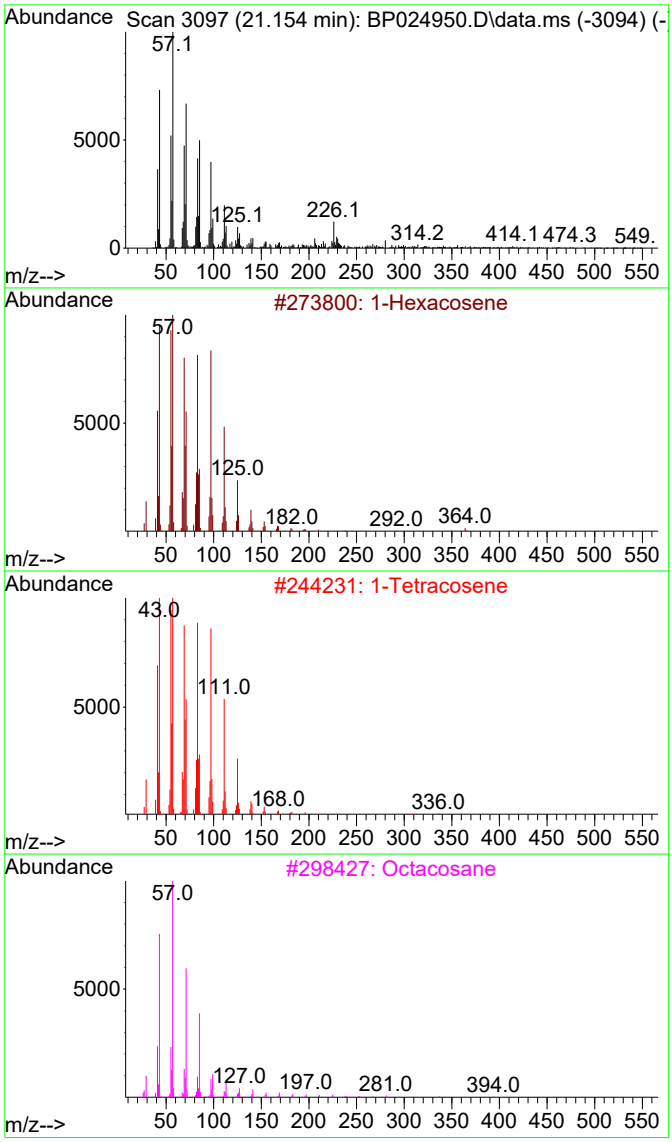
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

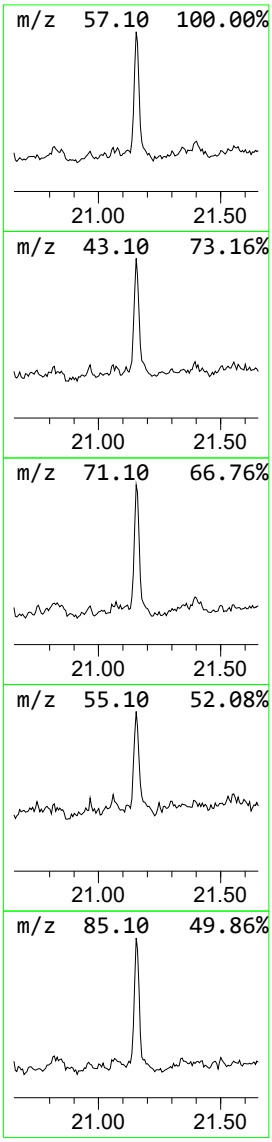
****

Peak Number 4 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.154	6.60 ng	1180930	Chrysene-d12	21.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	99
2	1-Tetracosene	336	C24H48	010192-32-2	96
3	Octacosane	394	C28H58	000630-02-4	93
4	1-Tricosene	322	C23H46	018835-32-0	92
5	1-Docosanethiol	342	C22H46S	007773-83-3	91





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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-...	4.772	8.2	ng	587393	1	7.608	1428160	20.0
Benzophenone	15.643	4.6	ng	644410	3	14.254	2813580	20.0
n-Hexadecanoic ...	17.995	4.8	ng	758680	4	17.054	3182240	20.0
1-Hexacosene	21.154	6.6	ng	1180930	5	21.483	3575870	20.0