LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025614.D
Acq On : 28 Aug 2025 16:39
Operator : CG/JU
Sample : Q2971-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP5

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.025	11	15	21	rBV	778368	991713	17.05%	2.556%
2	3.066	21	22	30	rVB2	53720	59928	1.03%	0.154%
3	4.937	334	340	346	rBV	218551	320495	5.51%	0.826%
4	5.402	411	419	430	rBV	1810453	2820028	48.48%	7.267%
5	6.960	675	684	700	rBV	1656765	2830978	48.67%	7.295%
6	7.772	815	822	831	rBV	634181	1028664	17.68%	2.651%
7	8.913	1008	1016	1032	rBV	1030410	1865388	32.07%	4.807%
8	10.543	1283	1293	1306	rBV	813369	1393647	23.96%	3.591%
9	12.995	1702	1710	1721	rBV	2468141	3661186	62.94%	9.434%
10	14.384	1938	1946	1955	rBV	1105320	1803196	31.00%	4.647%
11	15.760	2175	2180	2187	rBV	209266	307413	5.28%	0.792%
12	15.901	2196	2204	2217	rBV	2028447	3296808	56.68%	8.495%
13	17.183	2416	2422	2427	rBV	1353885	2147701	36.92%	5.534%
14	17.230	2427	2430	2435	rVB	183912	258361	4.44%	0.666%
15	17.325	2442	2446	2451	rVB	65575	99671	1.71%	0.257%
16	18.125	2571	2582	2590	rBV2	659320	1163882	20.01%	2.999%
17	18.295	2606	2611	2616	rBV3	78411	175602	3.02%	0.453%
18	18.613	2662	2665	2669	rVB	49296	64751	1.11%	0.167%
19	19.095	2745	2747	2753	rBV7	46922	81243	1.40%	0.209%
20	19.313	2779	2784	2791	rBV	545744	775425	13.33%	1.998%
21	19.454	2804	2808	2813	rBV3	160903	283837	4.88%	0.731%
22	19.548	2822	2824	2827	rBV3	70963	72467	1.25%	0.187%
23	19.660	2839	2843	2844	rBV	120071	163738	2.81%	0.422%
24	19.689	2845	2848	2852	rVB	398488	547963	9.42%	1.412%
25	19.783	2860	2864	2867	rBV5	75979	109988	1.89%	0.283%
26	19.907	2880	2885	2891	rBV	4634477	5816745	100.00%	14.989%
27	20.013	2901	2903	2905	rBV3	69416	70000	1.20%	0.180%
28	20.130	2921	2923	2926	rBV3	62401	77911	1.34%	0.201%
29	20.383	2960	2966	2968	rBV4	155223	273751	4.71%	0.705%
30	20.730	3022	3025	3027	rBV3	98263	135879	2.34%	0.350%
31	21.301	3119	3122	3127	rVB2	376605	524275	9.01%	1.351%
32	21.636	3172	3179	3185	rBV	1591881	2797684	48.10%	7.209%
33	25.001	3744	3751	3762	rVB	991577	2786626	47.91%	7.181%

Sum of corrected areas: 38806944

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Misc :
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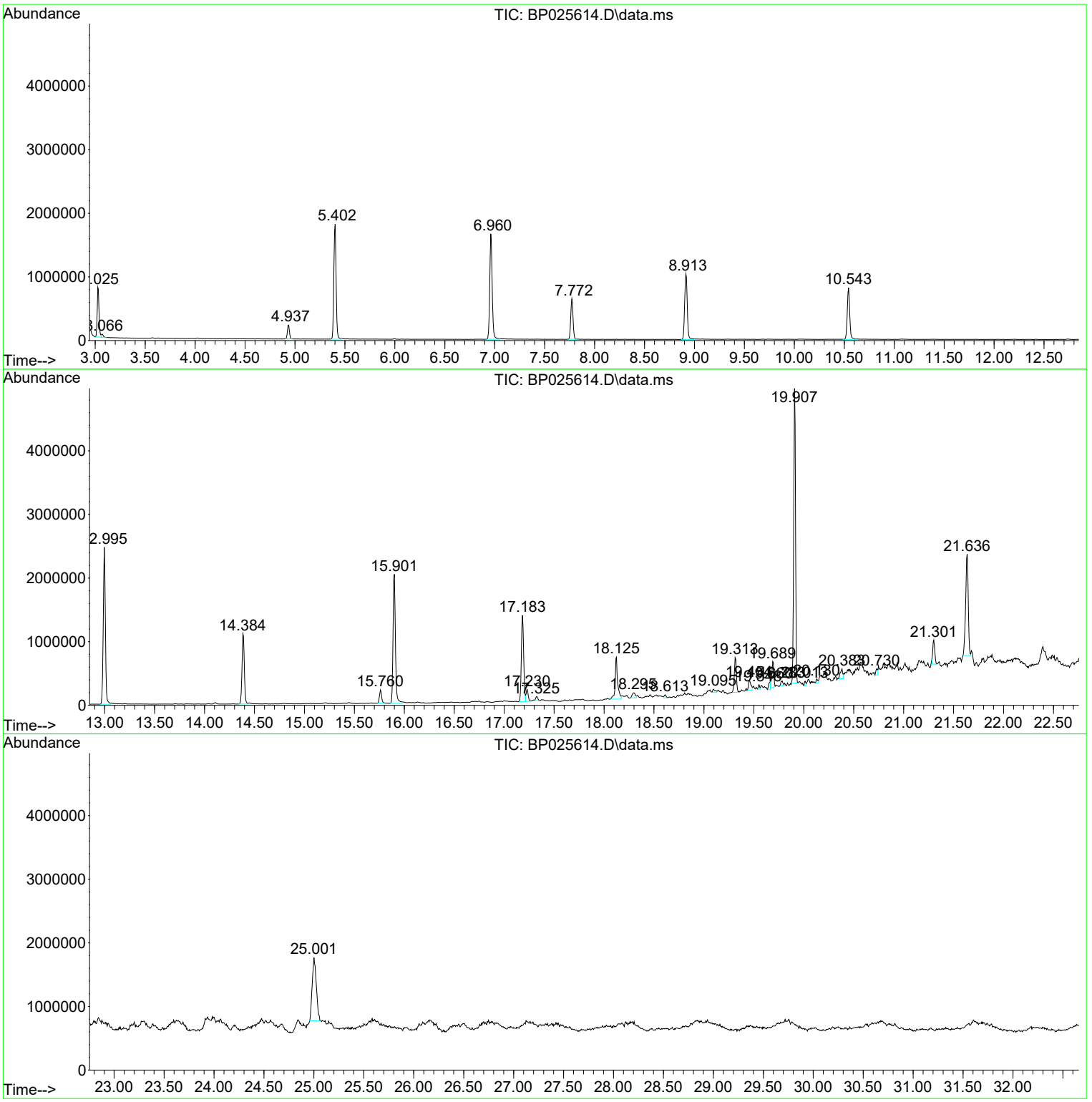
Instrument :
BNA_P
ClientSampleId :
TP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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

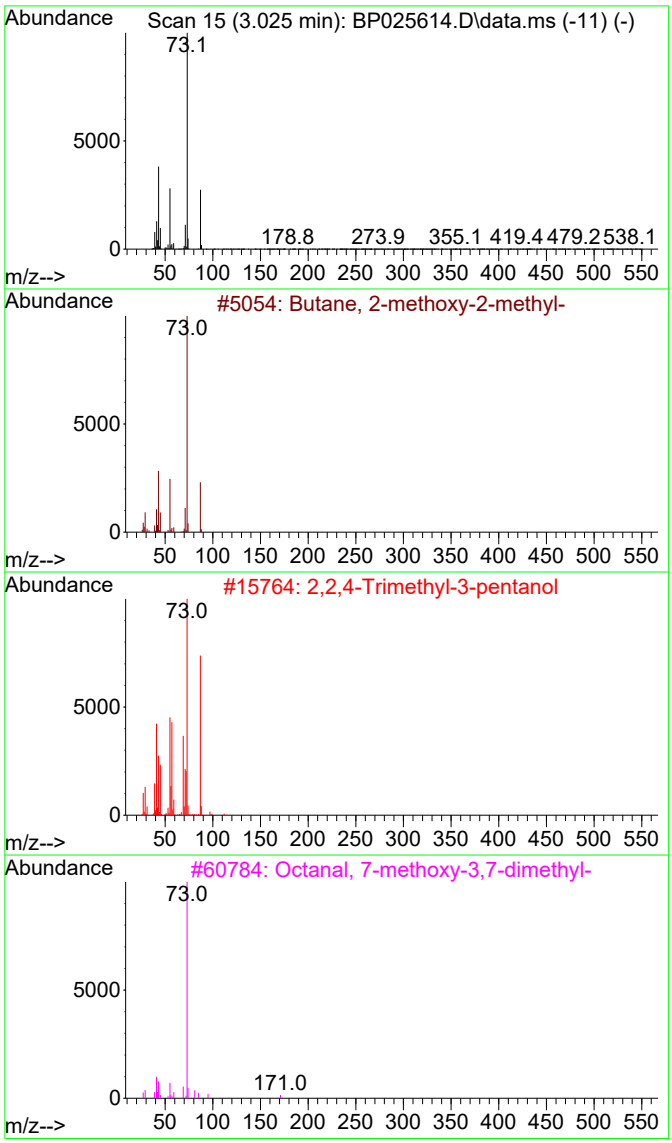
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

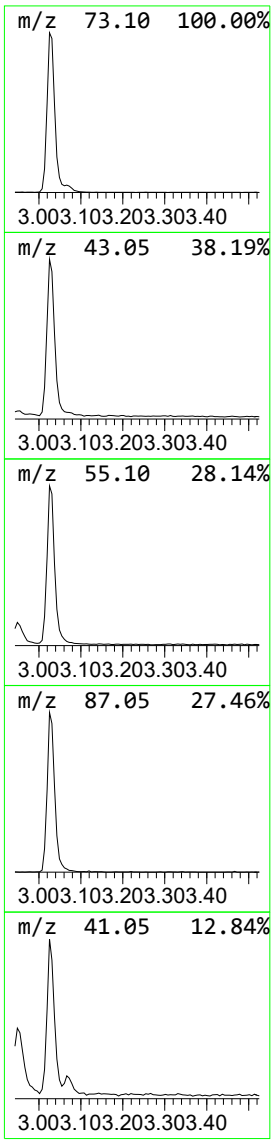
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	19.28 ng	991713	1,4-Dichlorobenzene-d4	7.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : CG/JU
Sample : Q2971-13
Misc :
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Instrument :
BNA_P
ClientSampleId :
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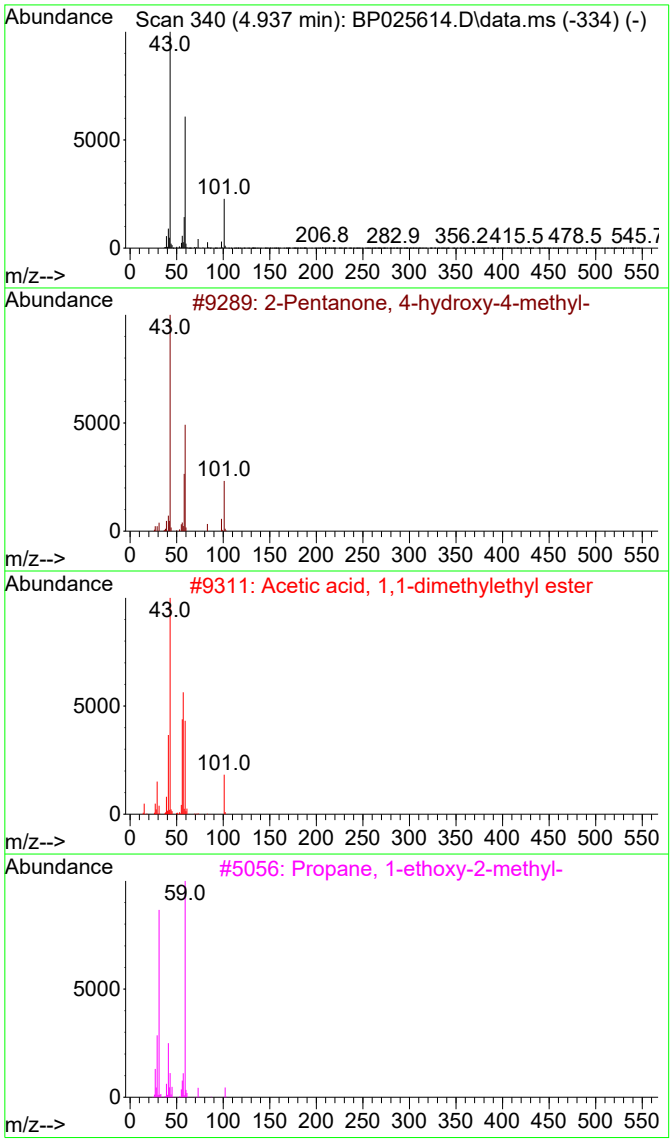
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

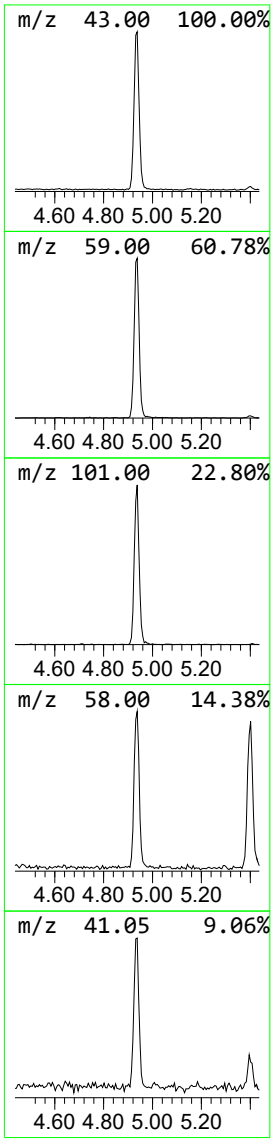
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	6.23 ng	320495	1,4-Dichlorobenzene-d4	7.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
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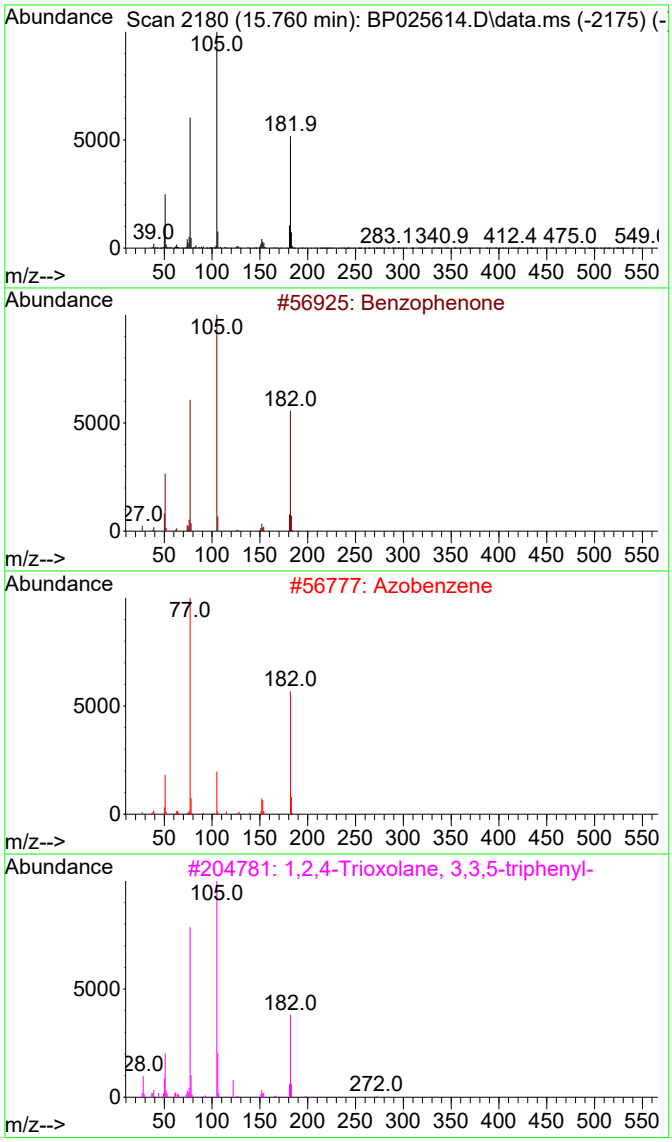
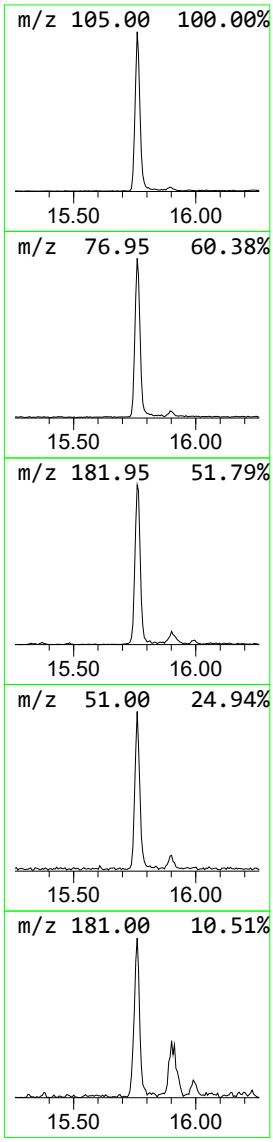
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	3.41 ng	307413	Acenaphthene-d10	14.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	27





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Misc :
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Instrument :
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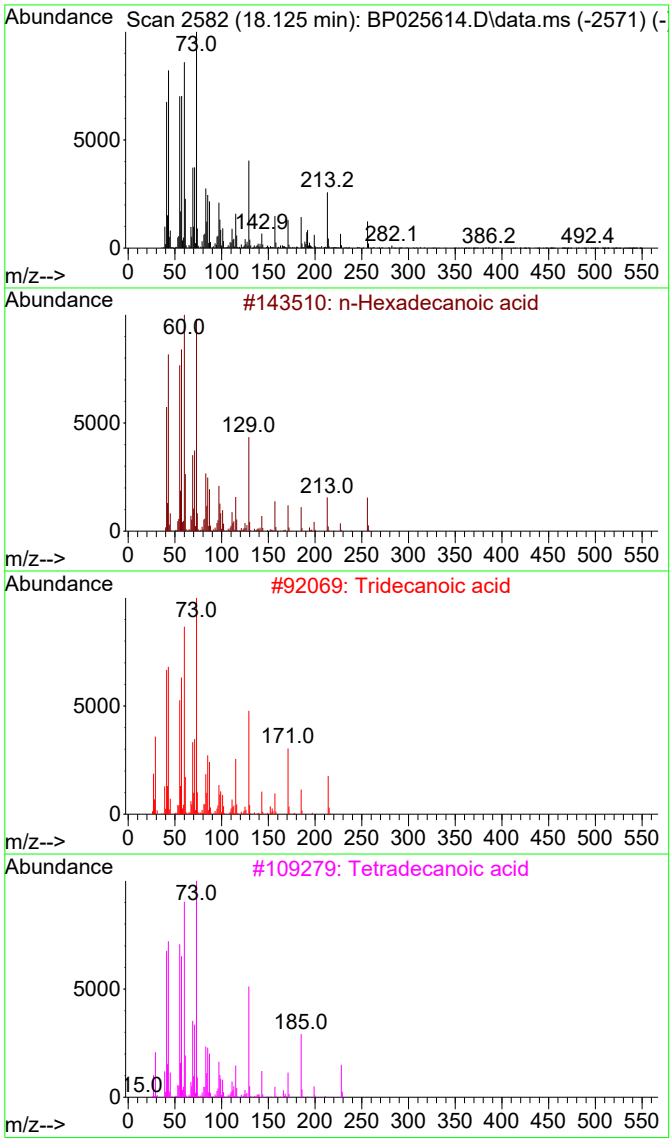
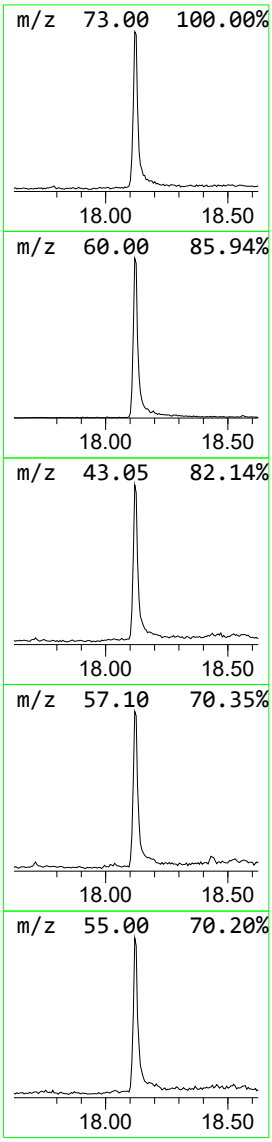
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	10.84 ng	1163880	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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Operator : CG/JU
Sample : Q2971-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
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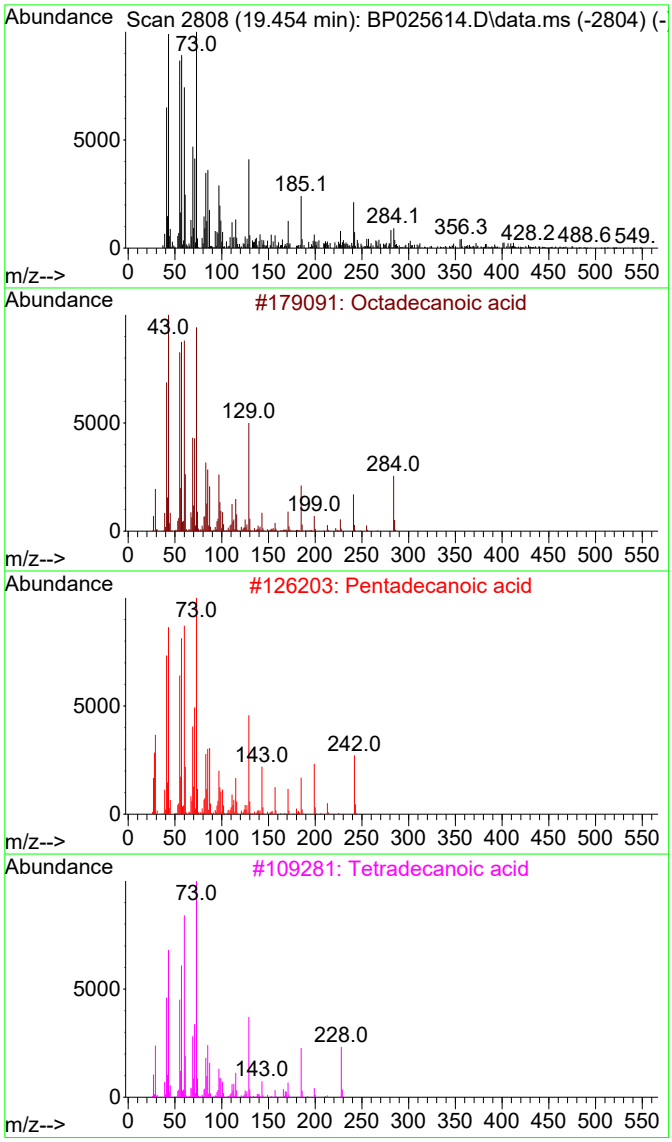
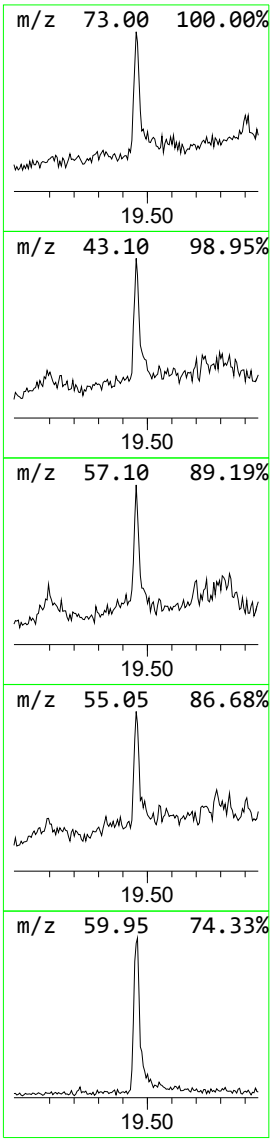
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	2.03 ng	283837	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





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BNA_P
ClientSampleId :
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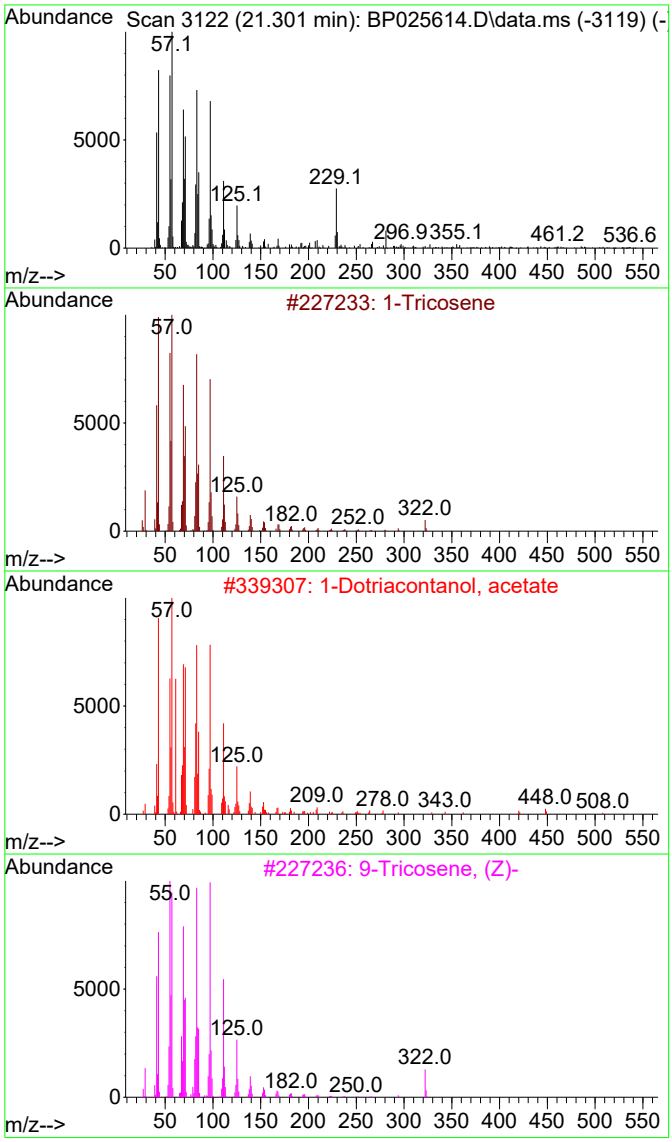
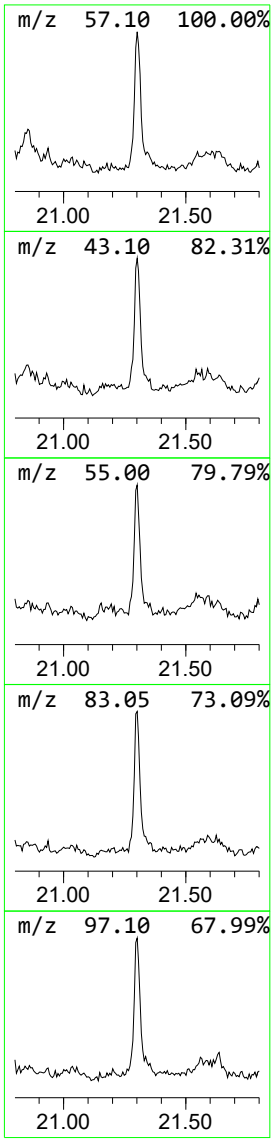
Peak Number 6 1-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.301	3.75 ng	524275	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	94
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Hexacosene	364	C26H52	018835-33-1	93





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-metho...	3.025	19.3	ng	991713	1	7.772	1028660	20.0
2-Pentanone, 4-...	4.937	6.2	ng	320495	1	7.772	1028660	20.0
Benzophenone	15.760	3.4	ng	307413	3	14.384	1803200	20.0
n-Hexadecanoic ...	18.125	10.8	ng	1163880	4	17.183	2147700	20.0
Octadecanoic acid	19.454	2.0	ng	283837	5	21.636	2797680	20.0
1-Tricosene	21.301	3.8	ng	524275	5	21.636	2797680	20.0