LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025539.D
Acq On : 21 Aug 2025 14:15
Operator : CG/JU
Sample : Q2819-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22BP-S

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: BP025539.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	32	rVB	689115	959913	18.60%	2.692%
2	4.943	336	341	350	rVB	157106	226432	4.39%	0.635%
3	5.408	413	420	432	rBV	1613151	2494696	48.33%	6.995%
4	6.966	677	685	694	rBV	1589411	2666774	51.66%	7.478%
5	7.784	816	824	832	rBV	717293	1131461	21.92%	3.173%
6	8.919	1009	1017	1028	rBV	1060381	1792412	34.72%	5.026%
7	10.554	1285	1295	1307	rBV	872841	1586897	30.74%	4.450%
8	13.007	1704	1712	1721	rBV	2474557	3823048	74.06%	10.720%
9	14.395	1941	1948	1955	rBV	1277218	2074230	40.18%	5.816%
10	15.772	2176	2182	2189	rBV	521337	767250	14.86%	2.151%
11	15.907	2198	2205	2224	rBV	2054746	3297890	63.89%	9.247%
12	16.354	2276	2281	2288	rBV	96004	149571	2.90%	0.419%
13	17.195	2417	2424	2433	rBV	1582624	2398259	46.46%	6.725%
14	18.136	2579	2584	2591	rBV	523367	827085	16.02%	2.319%
15	18.577	2657	2659	2670	rVB7	90957	145928	2.83%	0.409%
16	18.830	2698	2702	2705	rBV5	95367	124867	2.42%	0.350%
17	19.130	2750	2753	2755	rBV3	52594	61662	1.19%	0.173%
18	19.183	2759	2762	2769	rVB9	84121	146905	2.85%	0.412%
19	19.307	2780	2783	2784	rBV3	50096	55243	1.07%	0.155%
20	19.360	2790	2792	2796	rVB4	59274	55000	1.07%	0.154%
21	19.466	2805	2810	2816	rBV	181437	284673	5.51%	0.798%
22	19.607	2832	2834	2836	rBV2	53273	56413	1.09%	0.158%
23	19.636	2836	2839	2840	rVV3	80315	71601	1.39%	0.201%
24	19.789	2863	2865	2869	rBV4	88219	122111	2.37%	0.342%
25	19.830	2869	2872	2876	rVB2	64705	95271	1.85%	0.267%
26	19.924	2883	2888	2895	rVB	3790336	5161874	100.00%	14.474%
27	20.042	2905	2908	2910	rBV3	123545	130758	2.53%	0.367%
28	20.477	2980	2982	2984	rBV2	87420	80591	1.56%	0.226%
29	21.001	3069	3071	3073	rBV3	90770	109914	2.13%	0.308%
30	21.277	3115	3118	3122	rBV5	161179	292137	5.66%	0.819%
31	21.324	3122	3126	3131	rVB2	348188	625849	12.12%	1.755%
32	21.648	3176	3181	3188	rVB	1417067	2490331	48.24%	6.983%
33	25.024	3749	3755	3756	rBV	852574	1356383	26.28%	3.803%

Sum of corrected areas: 35663429

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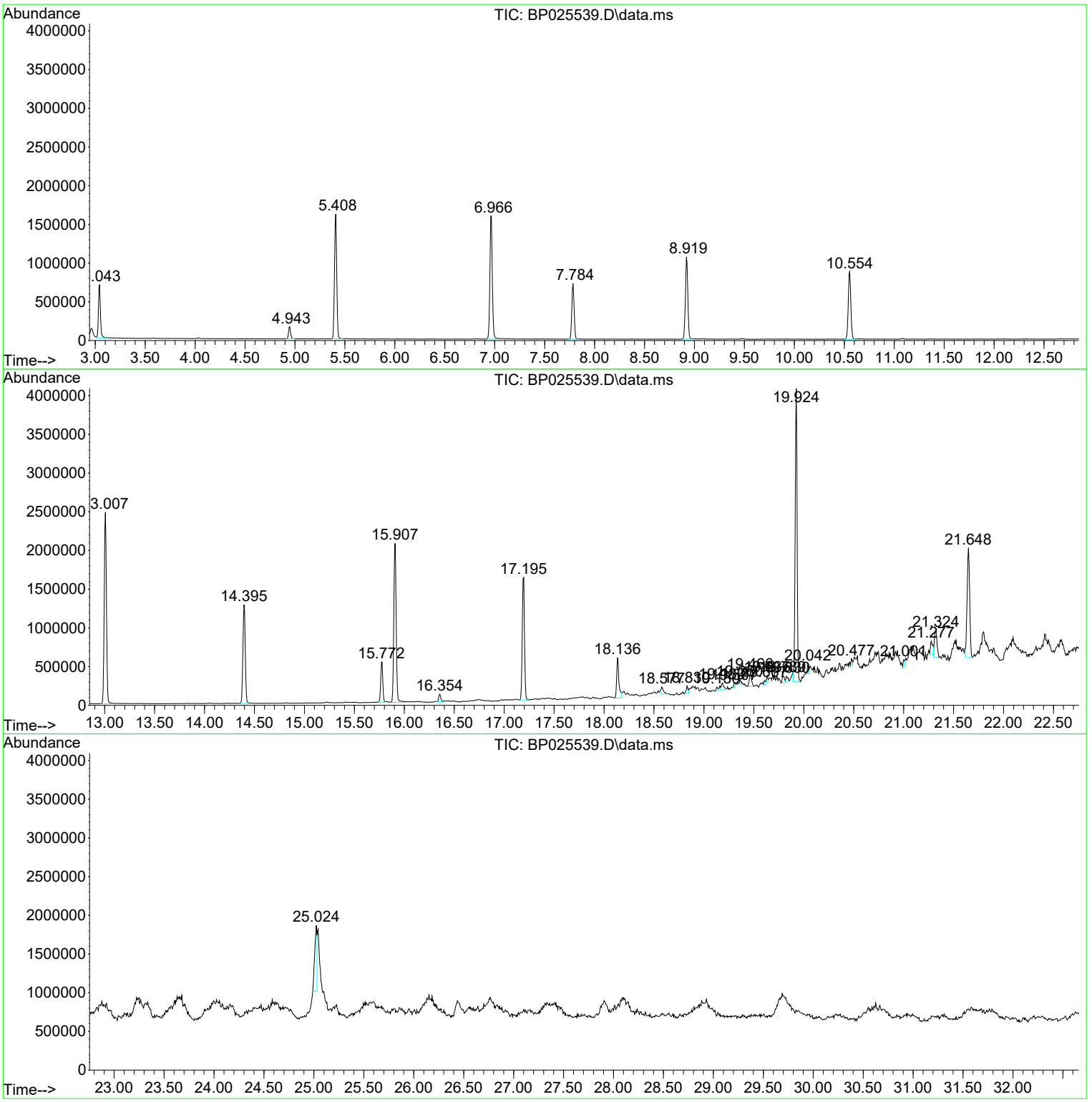
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22BP-S

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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Data File : BP025539.D
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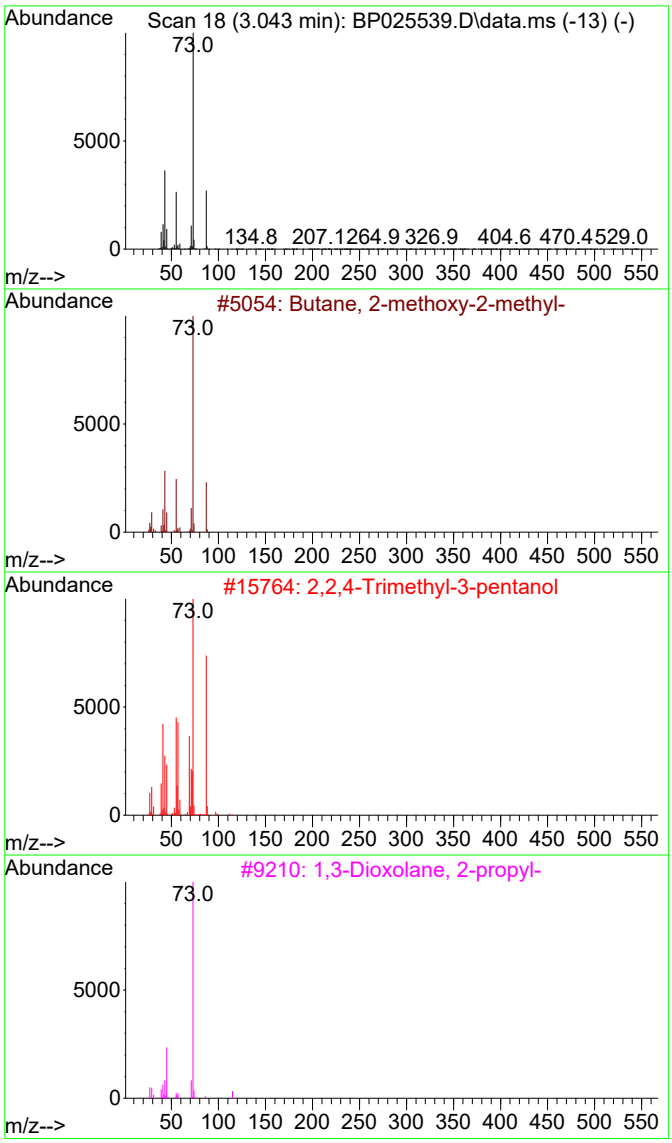
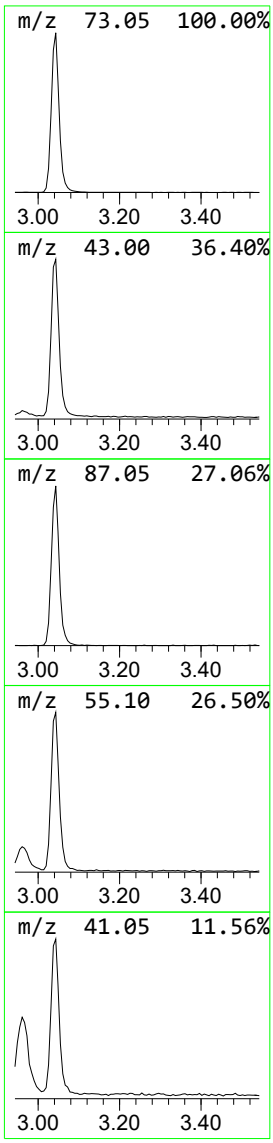
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	16.97 ng	959913	1,4-Dichlorobenzene-d4	7.784

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	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BP025539.D
Acq On : 21 Aug 2025 14:15
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Misc :
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Instrument :
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ClientSampleId :
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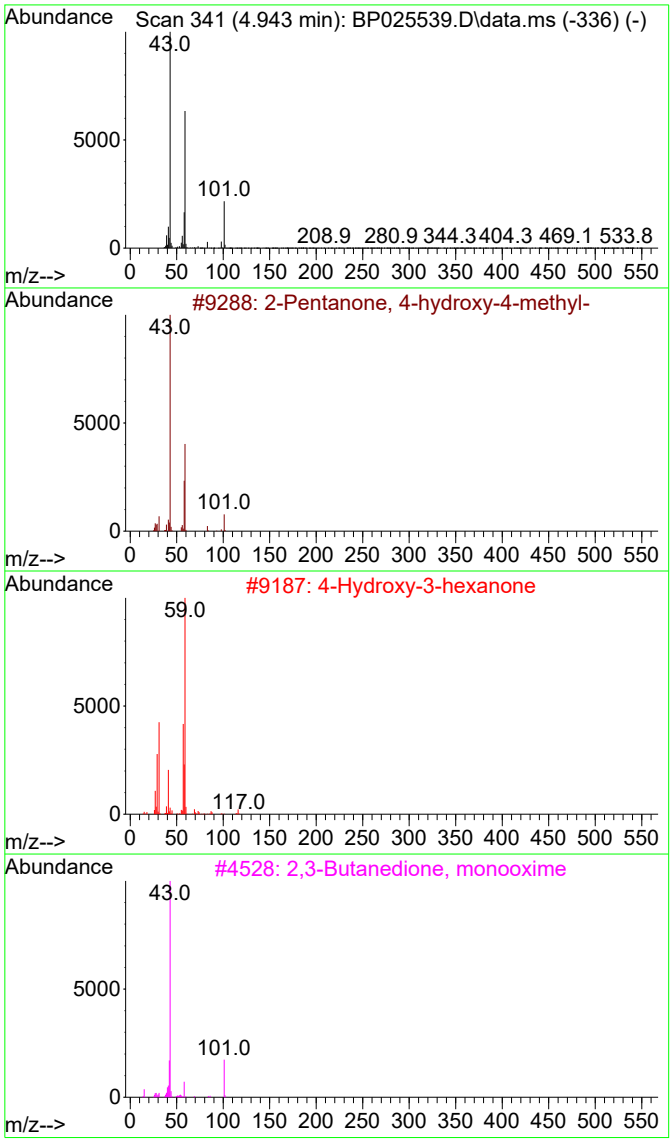
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

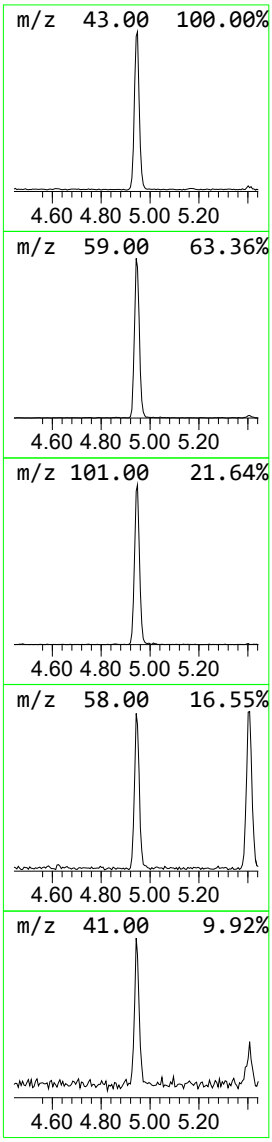
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	4.00 ng	226432	1,4-Dichlorobenzene-d4	7.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
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 :
22BP-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

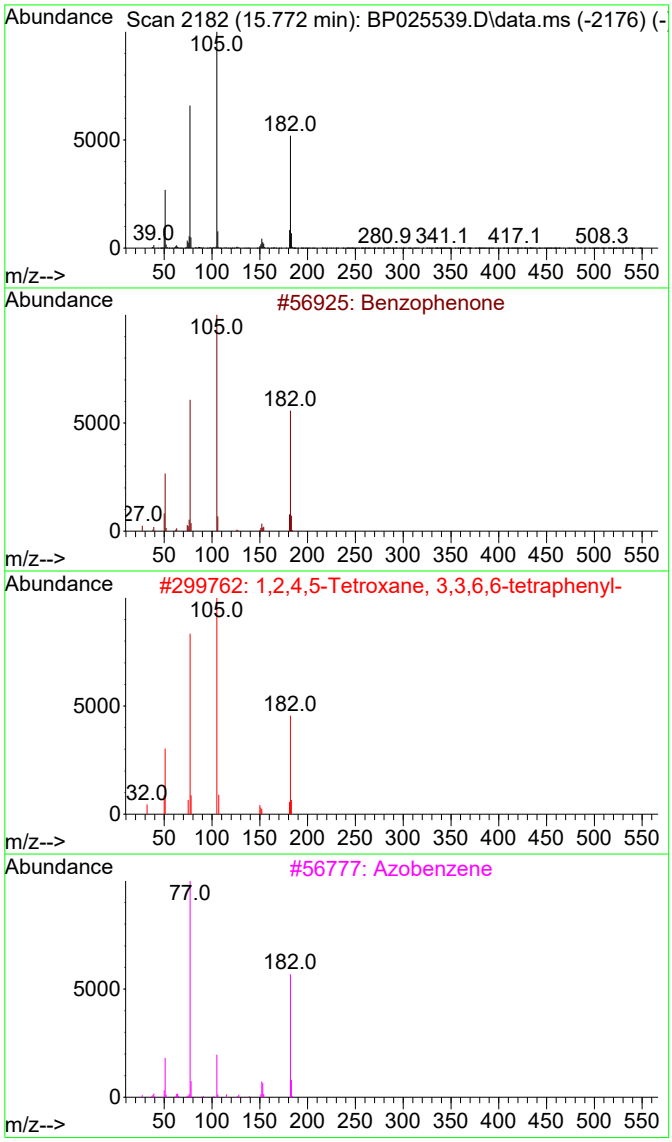
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

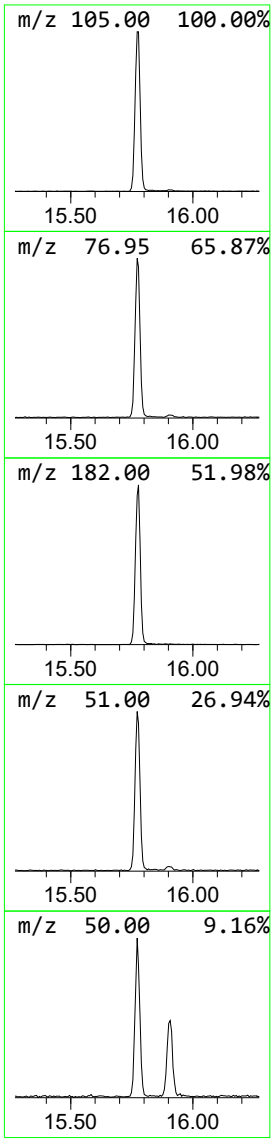
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.772	7.40 ng	767250	Acenaphthene-d10	14.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	40





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Sample : Q2819-04
Misc :
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Instrument :
BNA_P
ClientSampleId :
22BP-S

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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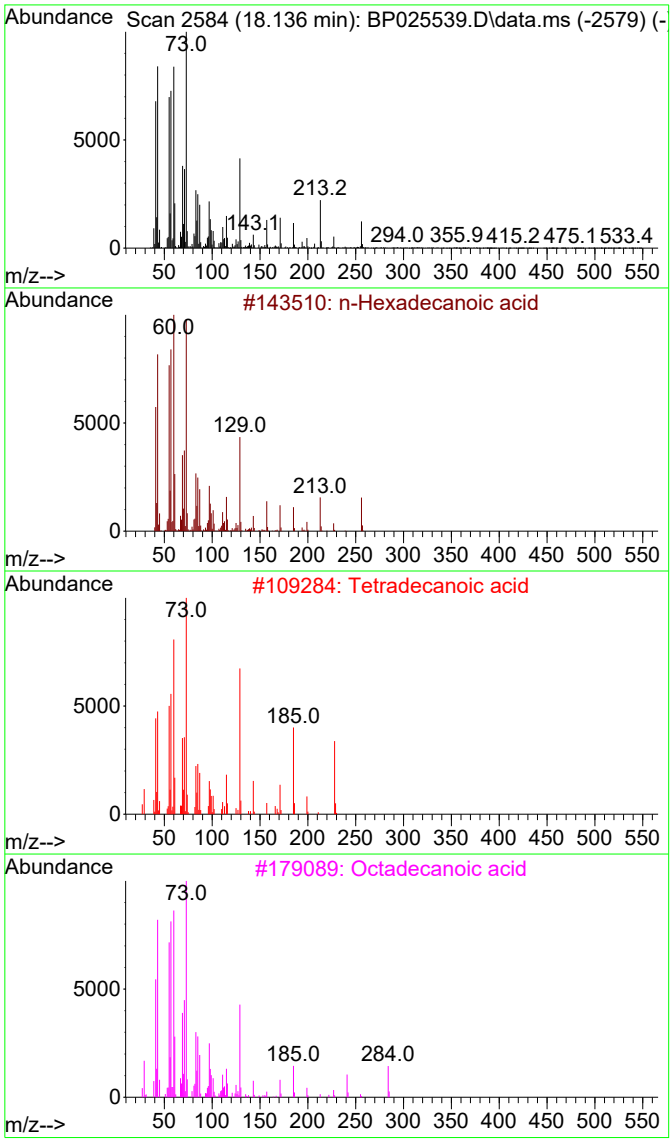
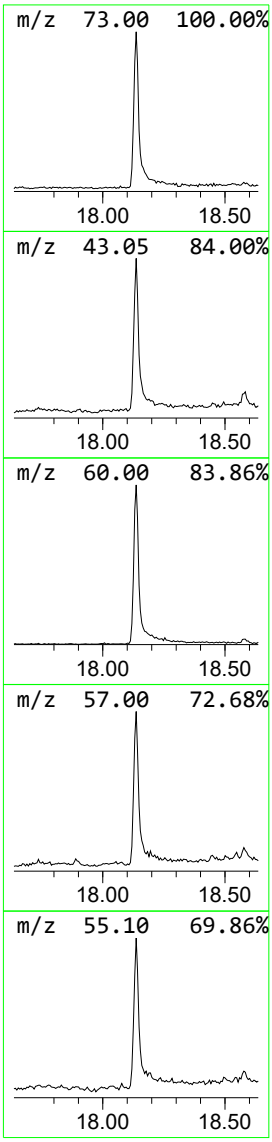
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	6.90 ng	827085	Phenanthrene-d10	17.195

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	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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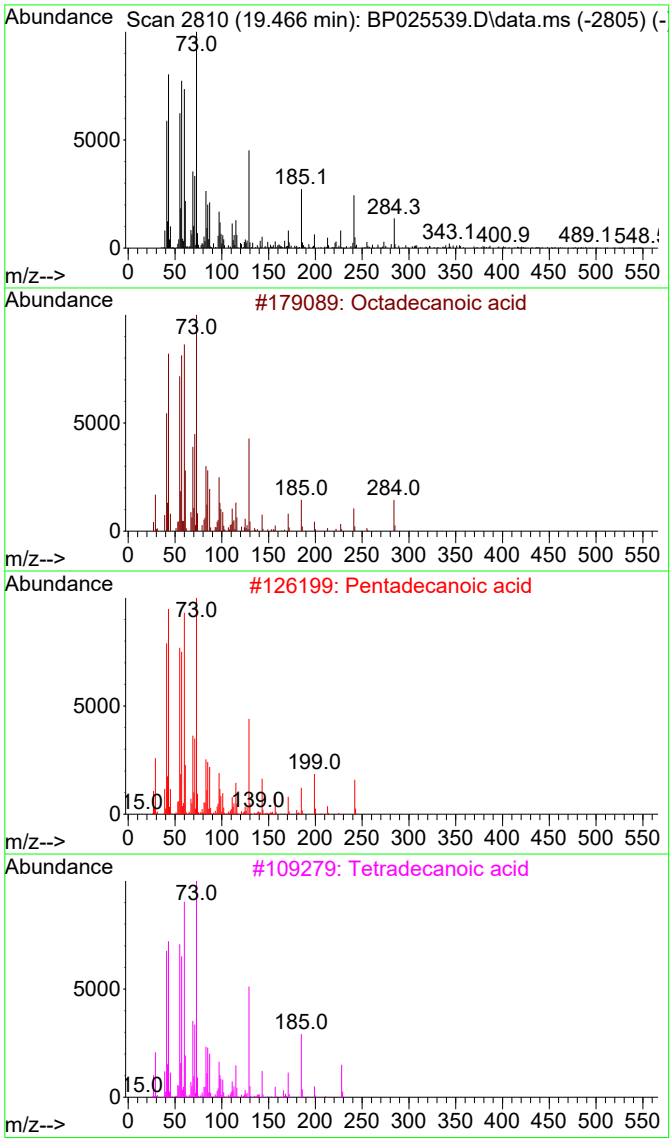
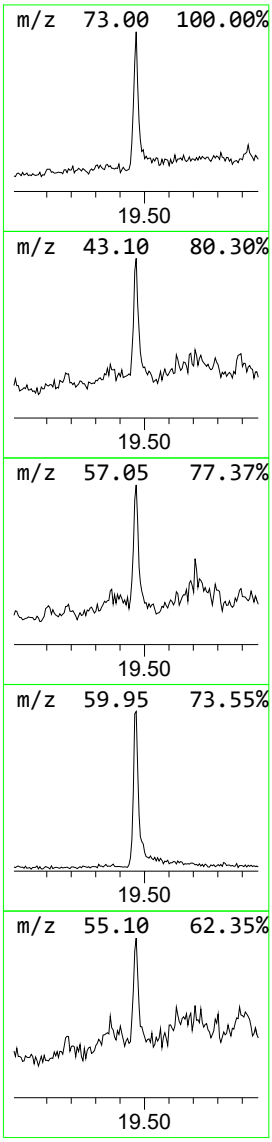
Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	2.29 ng	284673	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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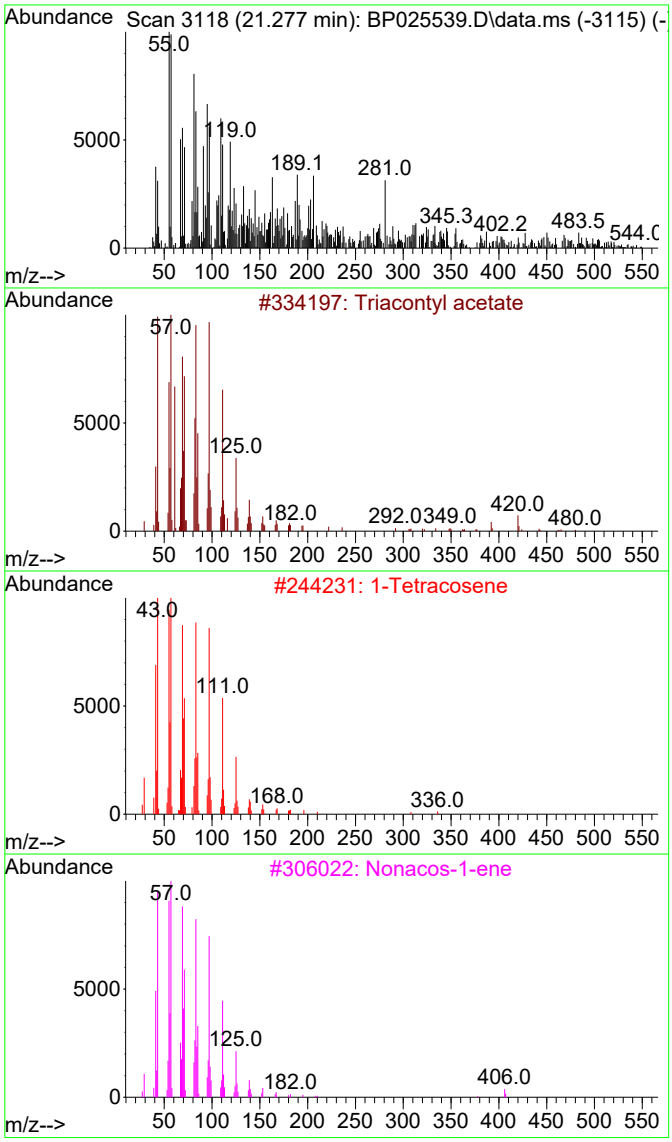
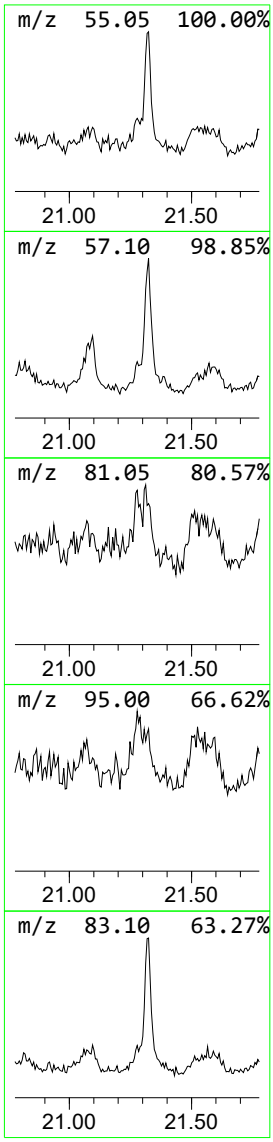
Peak Number 6 Triacontyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	2.35 ng	292137	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	66
2	1-Tetracosene	336	C24H48	010192-32-2	45
3	Nonacos-1-ene	406	C29H58	018835-35-3	45
4	Cyclotriacontane	420	C30H60	000297-35-8	45
5	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	35





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ALS Vial : 29 Sample Multiplier: 1

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

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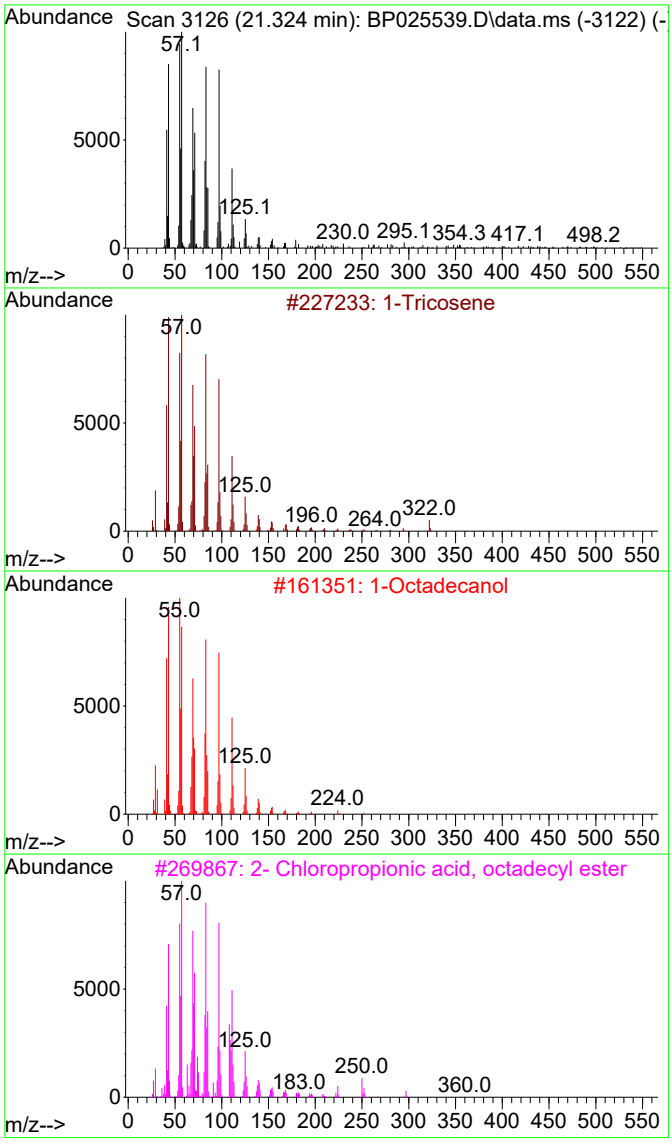
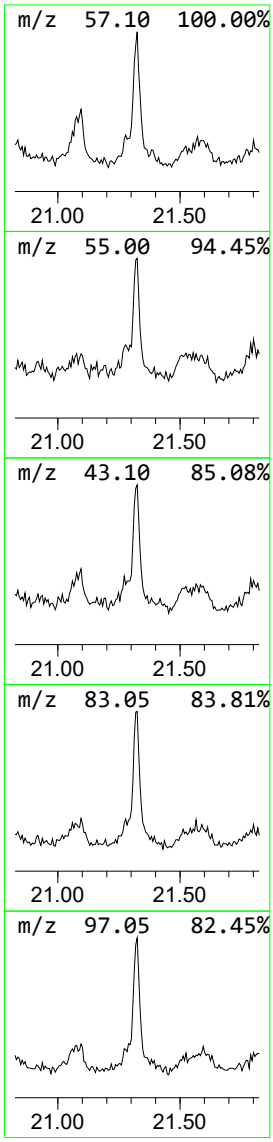
Peak Number 7 1-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.324	5.03 ng	625849	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	1-Octadecanol	270	C18H38O	000112-92-5	90
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	89
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	17.0	ng	959913	1	7.784	1131460	20.0
2-Pentanone, 4-...	4.943	4.0	ng	226432	1	7.784	1131460	20.0
Benzophenone	15.772	7.4	ng	767250	3	14.395	2074230	20.0
n-Hexadecanoic ...	18.136	6.9	ng	827085	4	17.195	2398260	20.0
Octadecanoic acid	19.466	2.3	ng	284673	5	21.648	2490330	20.0
Triacontyl acetate	21.277	2.4	ng	292137	5	21.648	2490330	20.0
1-Tricosene	21.324	5.0	ng	625849	5	21.648	2490330	20.0