LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-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: BP025534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	33	rVB	959436	1195617	27.43%	2.738%
2	4.943	335	341	347	rBV	133367	184315	4.23%	0.422%
3	5.402	412	419	429	rBV	1442517	2093157	48.02%	4.793%
4	6.961	676	684	695	rBV	1354440	2192220	50.29%	5.020%
5	7.784	817	824	833	rBV	694857	1092693	25.07%	2.502%
6	8.919	1010	1017	1026	rBV	889117	1527768	35.05%	3.498%
7	10.549	1286	1294	1302	rBV	859551	1487694	34.13%	3.407%
8	13.007	1705	1712	1721	rBV	2026212	3248945	74.53%	7.440%
9	14.113	1896	1900	1906	rBV2	26334	45590	1.05%	0.104%
10	14.395	1941	1948	1955	rBV	1199428	1902045	43.63%	4.356%
11	14.831	2013	2022	2029	rBV4	50203	134798	3.09%	0.309%
12	15.225	2083	2089	2097	rBV	180297	335599	7.70%	0.768%
13	15.778	2176	2183	2188	rBV	457845	758545	17.40%	1.737%
14	15.842	2188	2194	2201	rBV2	590671	1174110	26.93%	2.689%
15	15.913	2201	2206	2212	rVV	1544385	2374995	54.48%	5.439%
16	16.354	2278	2281	2285	rVB	68929	90634	2.08%	0.208%
17	16.595	2318	2322	2331	rVB2	117979	193513	4.44%	0.443%
18	16.689	2336	2338	2342	rVB2	51347	50443	1.16%	0.116%
19	16.848	2361	2365	2371	rVB7	32547	56447	1.29%	0.129%
20	17.201	2419	2425	2430	rBV2	1356101	2121259	48.66%	4.857%
21	17.248	2430	2433	2439	rVB	166826	233655	5.36%	0.535%
22	17.301	2439	2442	2445	rBV3	32888	50453	1.16%	0.116%
23	17.389	2454	2457	2463	rBV4	49905	78653	1.80%	0.180%
24	17.507	2473	2477	2487	rVB2	61373	110655	2.54%	0.253%
25	17.613	2489	2495	2500	rVB4	44601	104791	2.40%	0.240%
26	17.901	2540	2544	2551	rVB3	175780	286530	6.57%	0.656%
27	18.142	2576	2585	2592	rBV	2560523	4164351	95.53%	9.536%
28	18.207	2593	2596	2603	rVB	235568	350281	8.04%	0.802%
29	18.660	2670	2673	2682	rVB6	46661	97229	2.23%	0.223%
30	19.330	2781	2787	2792	rBV	453159	757158	17.37%	1.734%
31	19.466	2805	2810	2818	rBV	1571940	2271726	52.11%	5.202%
32	19.666	2842	2844	2845	rBV	57143	49686	1.14%	0.114%
33	19.701	2846	2850	2860	rVB	431072	625044	14.34%	1.431%
34	19.919	2881	2887	2891	rVB	3592315	4359255	100.00%	9.982%
35	20.195	2929	2934	2943	rBV3	247292	622327	14.28%	1.425%
36	20.595	2999	3002	3006	rVB2	173036	234137	5.37%	0.536%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-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

37	20.642	3007	3010	3017	rVV5	89988	125576	2.88%	0.288%
38	21.313	3120	3124	3129	rBV4	303034	520023	11.93%	1.191%
39	21.648	3173	3181	3187	rBV	1498101	3006799	68.98%	6.885%
40	21.701	3187	3190	3196	rVV	268310	394659	9.05%	0.904%
41	21.771	3199	3202	3212	rVB2	175187	271375	6.23%	0.621%
42	25.012	3745	3753	3765	rVB	882758	2695141	61.83%	6.172%

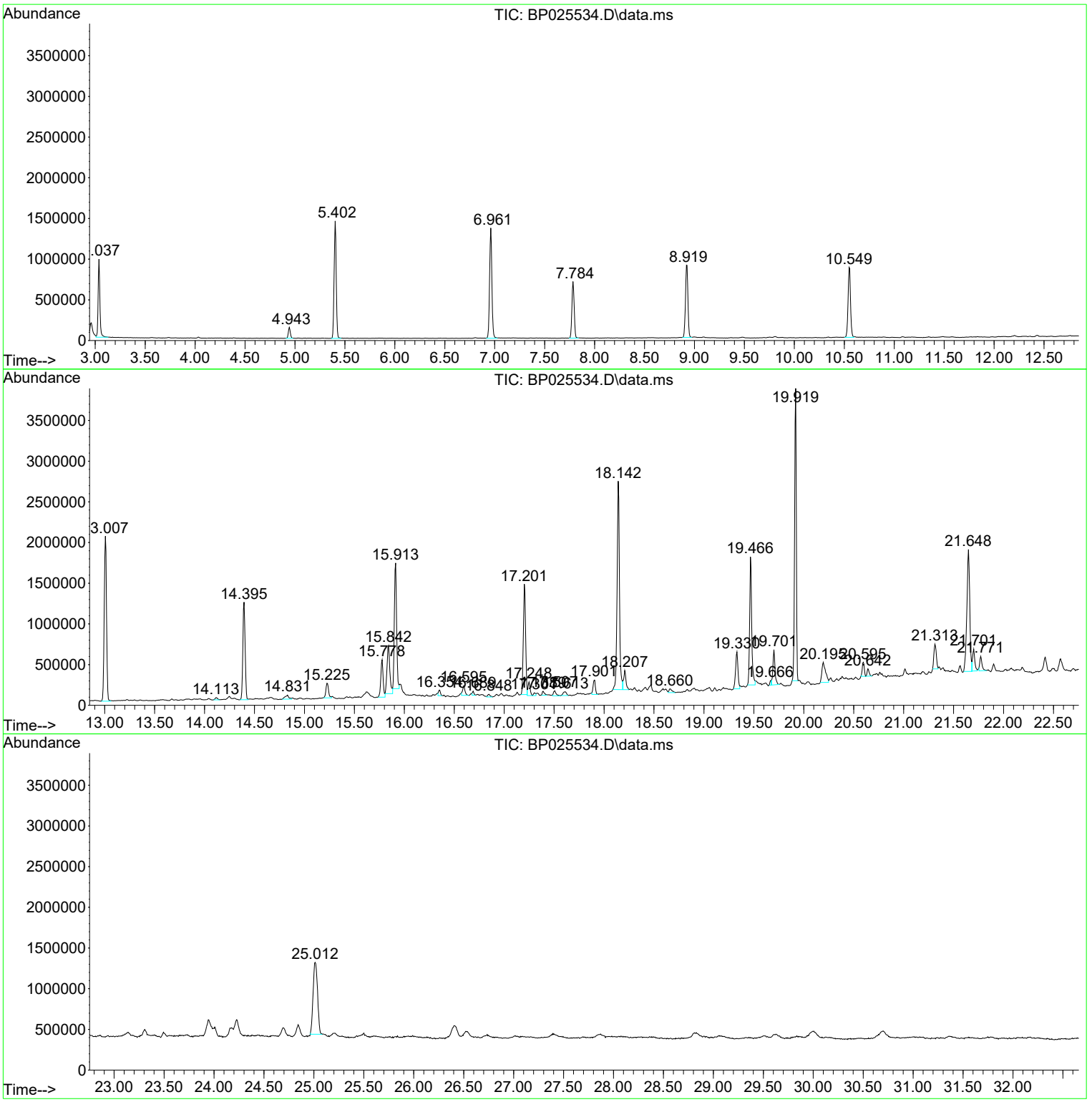
Sum of corrected areas: 43669891

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

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

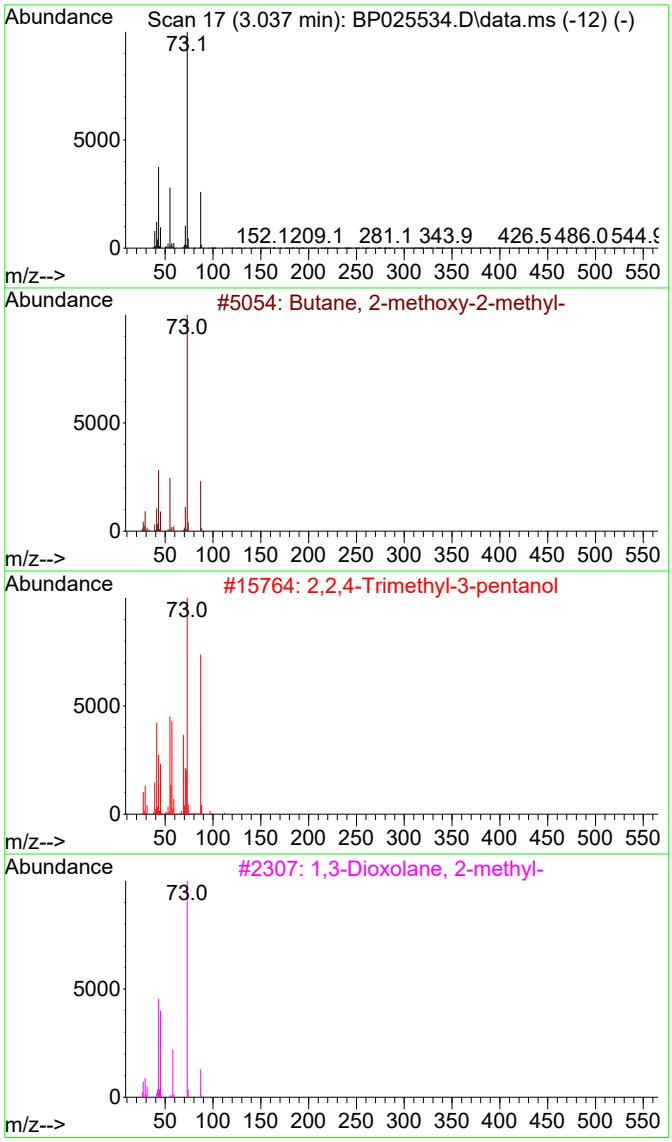
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

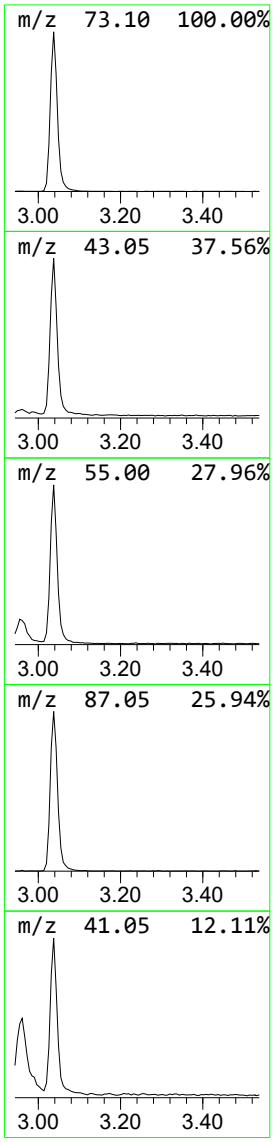
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	21.88 ng	1195620	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

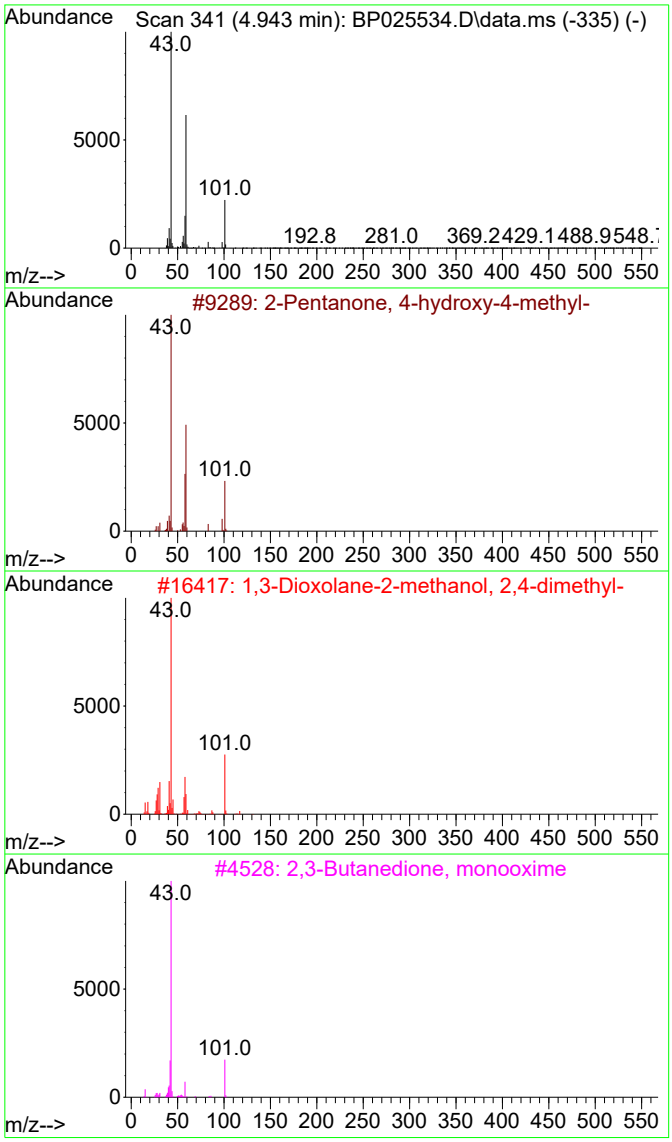
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

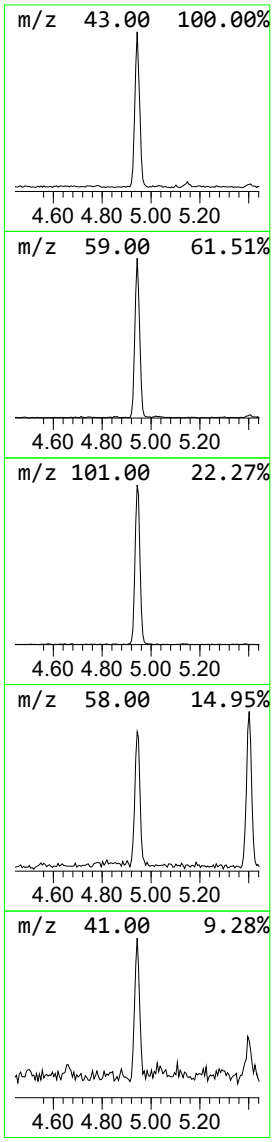
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	3.37 ng	184315	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	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

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

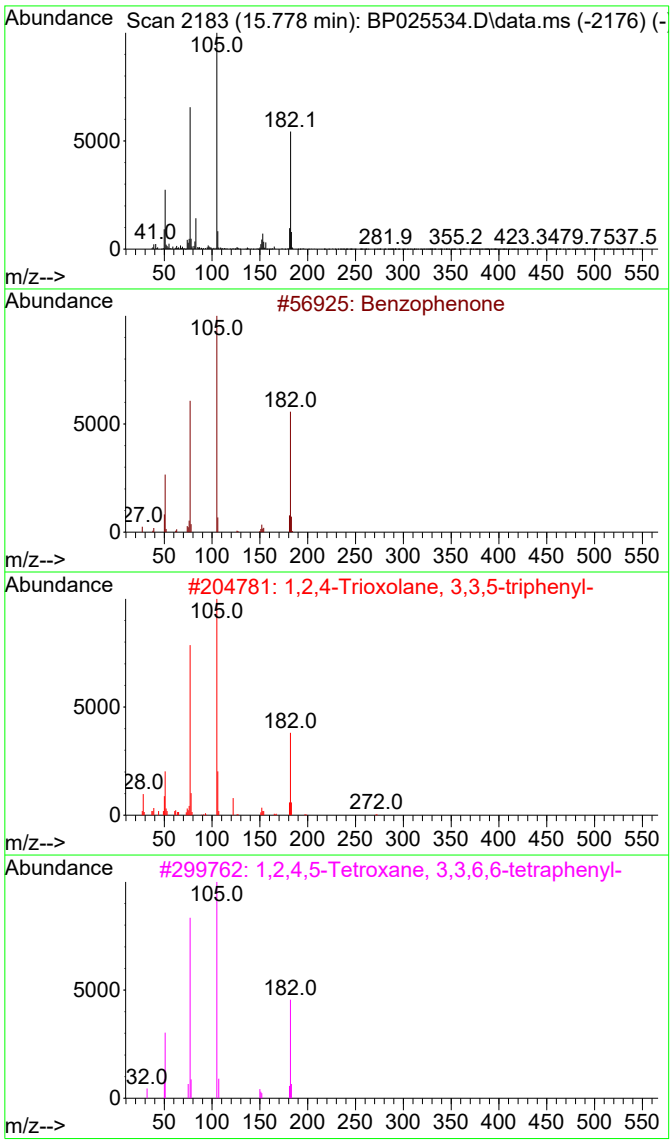
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

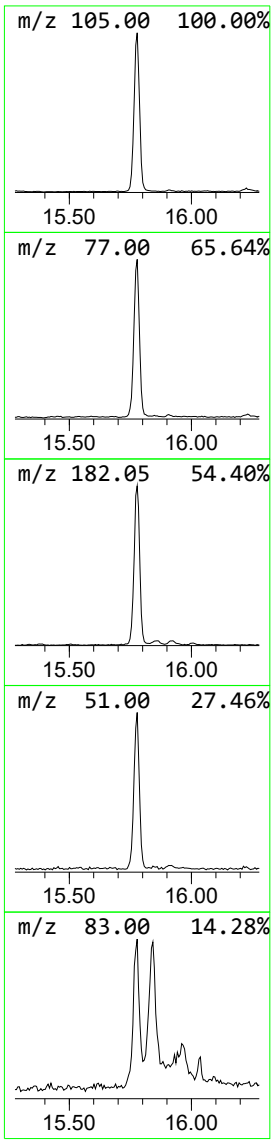
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	7.98 ng	758545	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-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

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

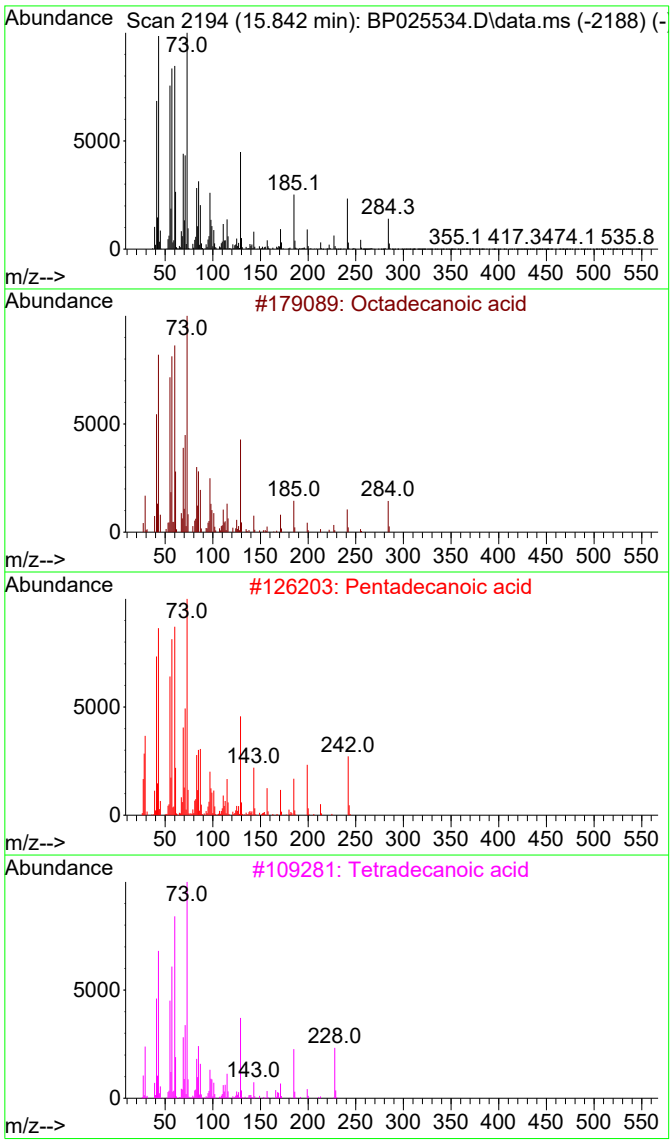
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

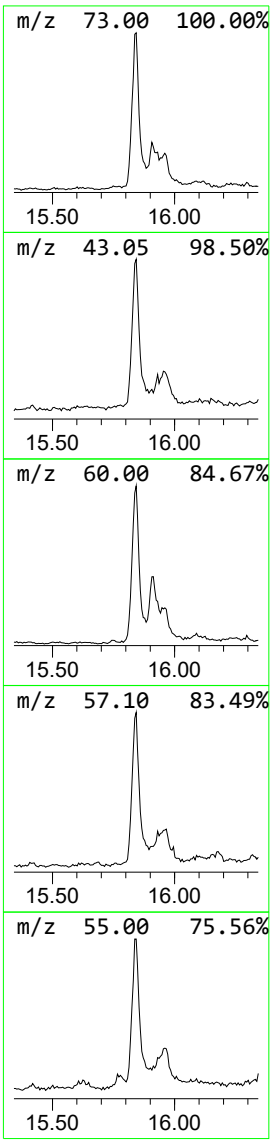
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	11.07 ng	1174110	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

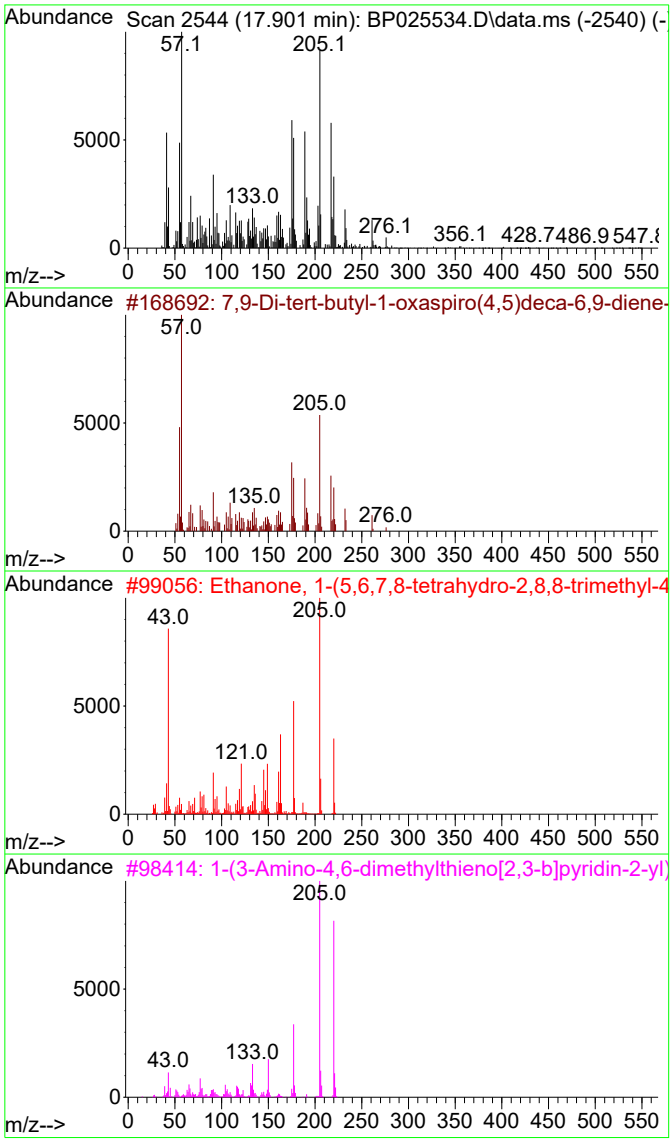
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

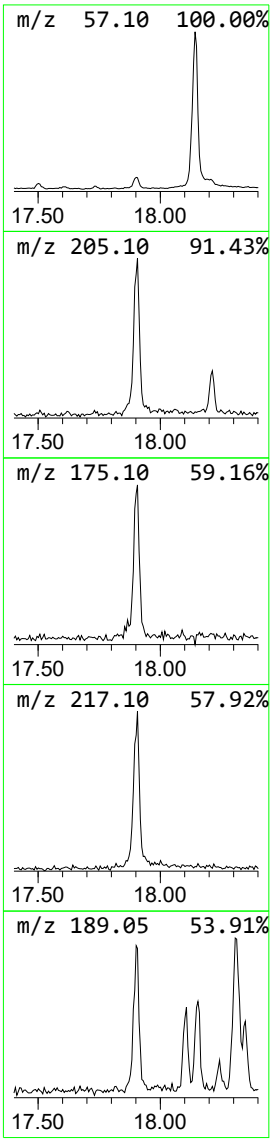
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.901	2.70 ng	286530	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64
3	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
4	2-Hydroxy-4-methoxy-5-(2-methylb...	220	C13H16O3	2108511-28-8	46
5	9-Acetylphenanthrene	220	C16H12O	002039-77-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

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

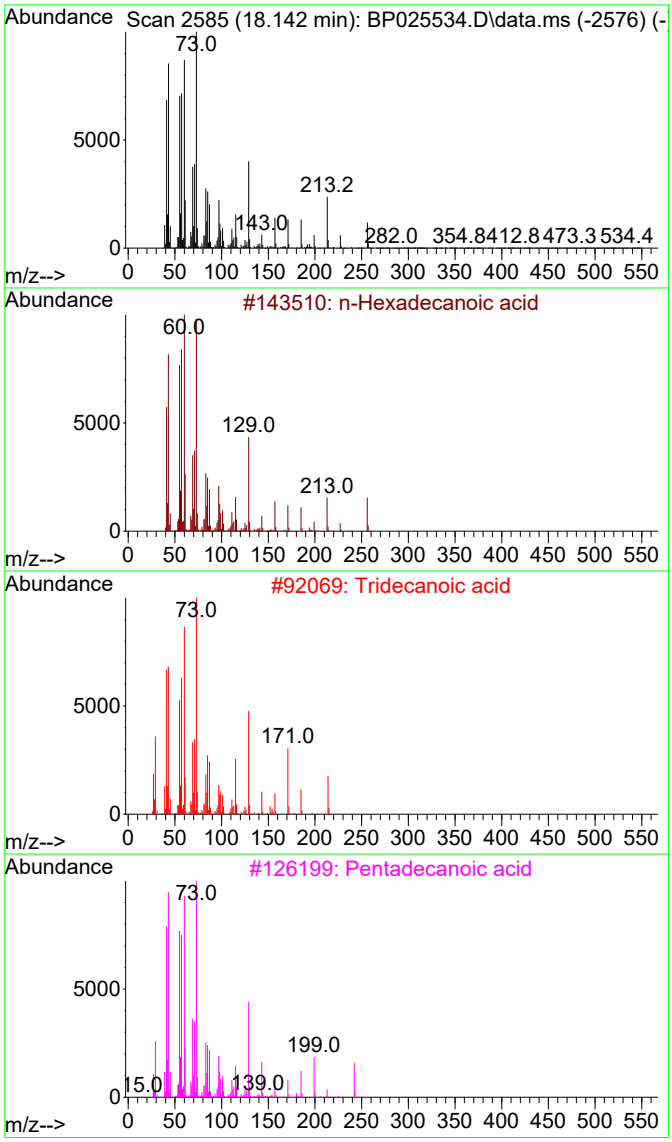
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

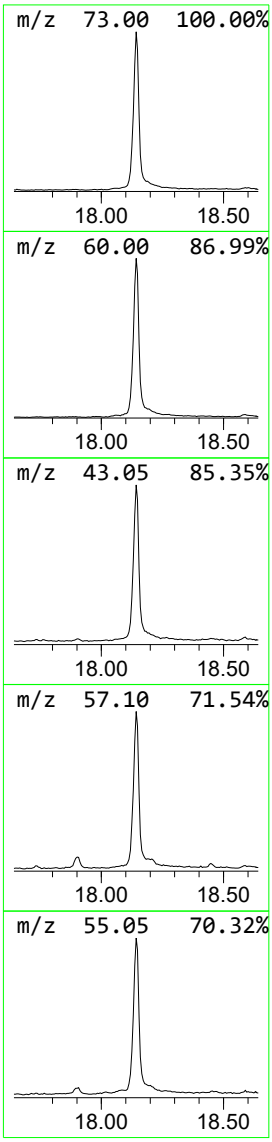
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	39.26 ng	4164350	Phenanthrene-d10	17.201

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

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

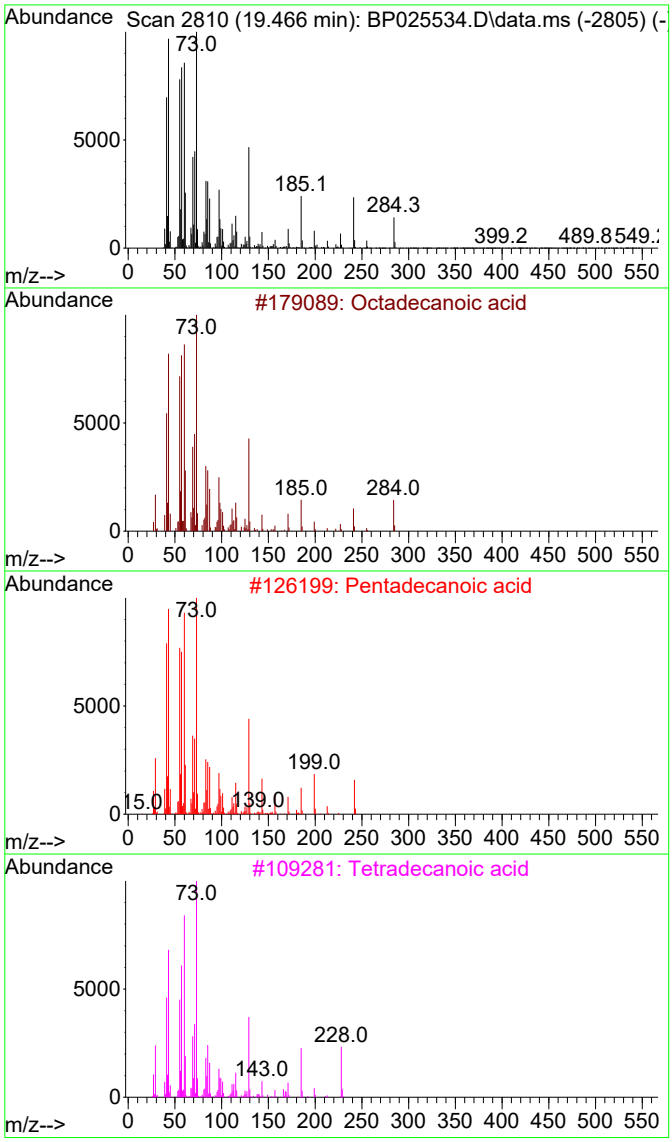
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

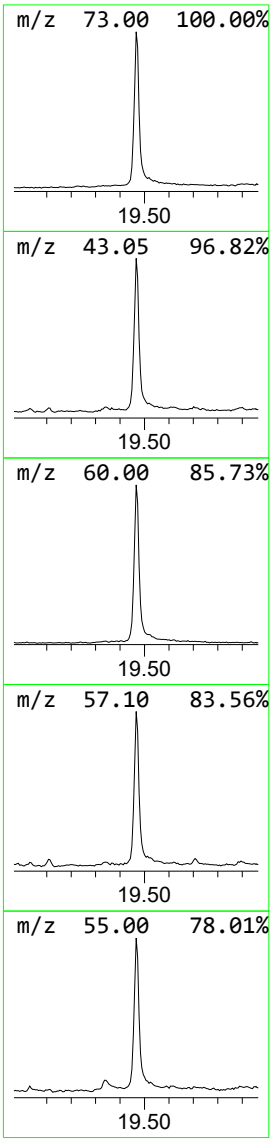
****

Peak Number 7 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	15.11 ng	2271730	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

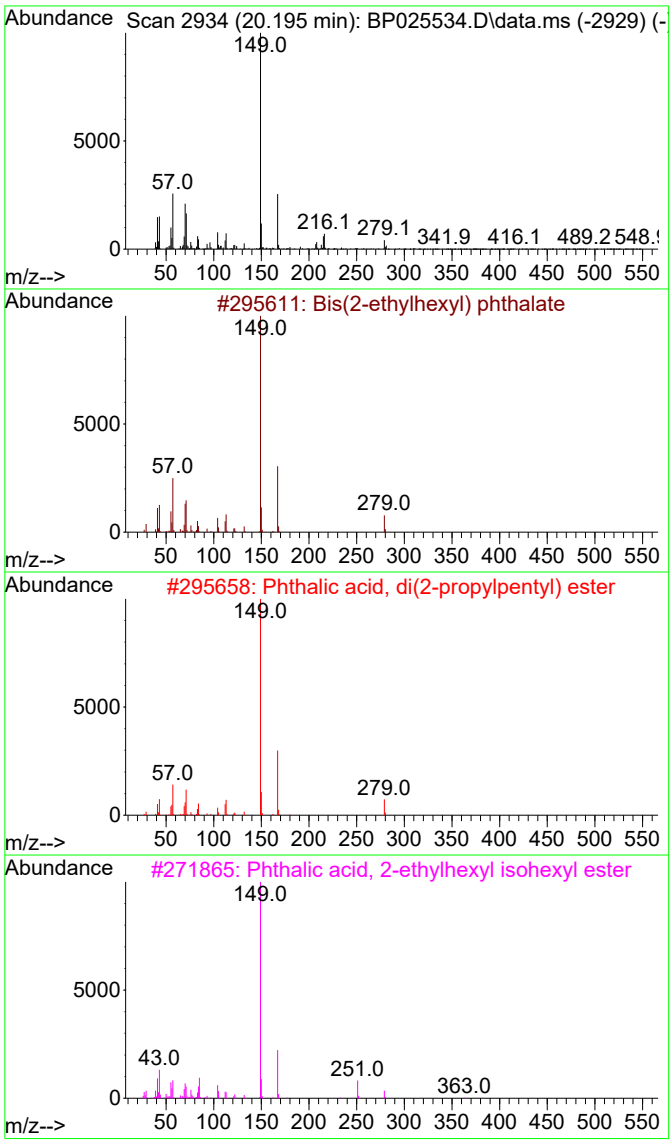
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

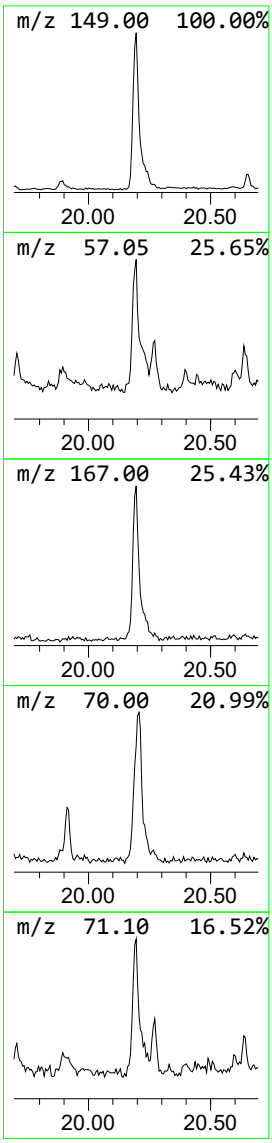
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phthalic acid, di(2-propylp... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.195	4.14 ng	622327	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	74
2	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	72
3	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	72
4	Phthalic acid, isohexyl 2-methyl...	334	C20H30O4	1000356-91-0	58
5	Phthalic acid, 2-methoxyethyl te...	420	C25H40O5	1010315-80-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-S

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

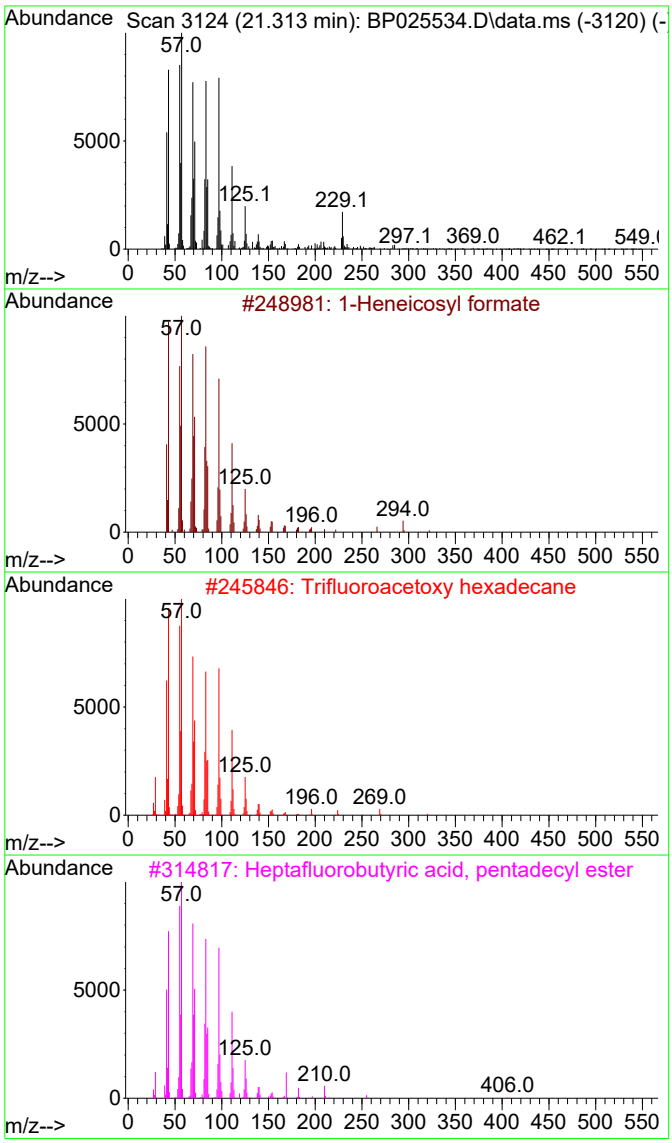
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

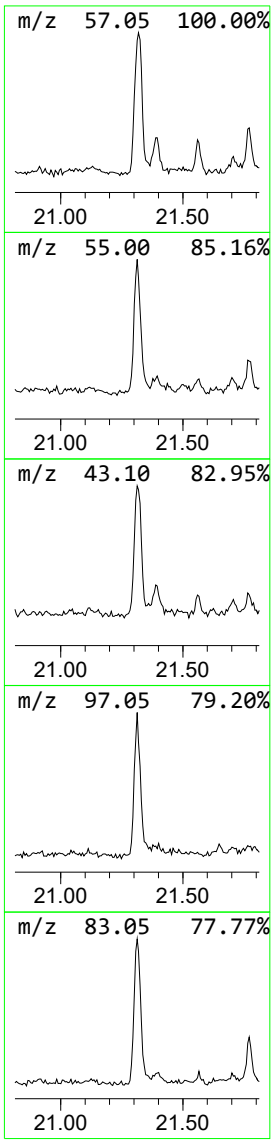
****

Peak Number 9 1-Heneicosyl formate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	3.46 ng	520023	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
Acq On : 21 Aug 2025 10:50
Operator : CG/JU
Sample : Q2819-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
84SB-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.037	21.9	ng	1195620	1	7.784	1092690	20.0
2-Pentanone, 4-...	4.943	3.4	ng	184315	1	7.784	1092690	20.0
Benzophenone	15.778	8.0	ng	758545	3	14.395	1902050	20.0
Octadecanoic acid	15.842	11.1	ng	1174110	4	17.201	2121260	20.0
7,9-Di-tert-but...	17.901	2.7	ng	286530	4	17.201	2121260	20.0
n-Hexadecanoic ...	18.142	39.3	ng	4164350	4	17.201	2121260	20.0
Pentadecanoic acid	19.466	15.1	ng	2271730	5	21.648	3006800	20.0
Phthalic acid, ...	20.195	4.1	ng	622327	5	21.648	3006800	20.0
1-Heneicosyl fo...	21.313	3.5	ng	520023	5	21.648	3006800	20.0