LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025355.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	13	rVB2	213472	362934	3.61%	0.457%
2	3.049	13	19	36	rVB	2065034	2844445	28.32%	3.579%
3	4.949	335	342	349	rBV	445073	621788	6.19%	0.782%
4	5.414	413	421	431	rBV	4292614	6298344	62.71%	7.925%
5	6.972	678	686	694	rBV	3908334	6252350	62.25%	7.867%
6	7.796	818	826	834	rBV	1085143	1743931	17.36%	2.194%
7	8.937	1011	1020	1029	rBV	2700737	4363296	43.44%	5.490%
8	10.572	1288	1298	1305	rBV	1272940	2292589	22.83%	2.885%
9	13.037	1709	1717	1727	rBV	5622676	8761964	87.24%	11.025%
10	14.419	1943	1952	1959	rBV	1570402	2558441	25.47%	3.219%
11	14.490	1959	1964	1971	rVB	102907	173273	1.73%	0.218%
12	14.825	2015	2021	2030	rBV	65109	125193	1.25%	0.158%
13	15.484	2126	2133	2140	rBV2	102664	161961	1.61%	0.204%
14	15.795	2179	2186	2196	rVB	554812	872446	8.69%	1.098%
15	15.931	2202	2209	2218	rBV	3762493	5773543	57.48%	7.265%
16	17.219	2422	2428	2432	rBV2	1734425	2573735	25.63%	3.238%
17	17.260	2432	2435	2441	rVV	997978	1385620	13.80%	1.744%
18	17.354	2441	2451	2457	rVV	245740	446284	4.44%	0.562%
19	17.625	2489	2497	2503	rBV2	107106	206795	2.06%	0.260%
20	17.931	2544	2549	2554	rBV	172871	221874	2.21%	0.279%
21	18.119	2577	2581	2584	rBV	121933	166131	1.65%	0.209%
22	18.166	2584	2589	2597	rVV2	1323454	1983629	19.75%	2.496%
23	18.260	2602	2605	2610	rVV	111273	171259	1.71%	0.215%
24	18.325	2611	2616	2620	rVV3	201325	371156	3.70%	0.467%
25	18.360	2620	2622	2629	rVB	110546	153824	1.53%	0.194%
26	18.642	2664	2670	2673	rBV	96119	145385	1.45%	0.183%
27	19.060	2734	2741	2748	rBV3	205092	367911	3.66%	0.463%
28	19.348	2784	2790	2799	rBV	1310209	1830793	18.23%	2.304%
29	19.489	2810	2814	2820	rBV	599313	735806	7.33%	0.926%
30	19.630	2834	2838	2843	rVB	136071	191574	1.91%	0.241%
31	19.689	2843	2848	2850	rBV2	256015	400775	3.99%	0.504%
32	19.719	2850	2853	2860	rVB	973626	1333029	13.27%	1.677%
33	19.936	2882	2890	2901	rVB	7748731	10043794	100.00%	12.638%
34	20.054	2905	2910	2915	rVV4	83690	190038	1.89%	0.239%
35	20.242	2939	2942	2947	rVB	272063	348494	3.47%	0.439%
36	20.336	2955	2958	2962	rBV2	135232	146060	1.45%	0.184%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.395	2965	2968	2972	rVB3	150467	186159	1.85%	0.234%
38	21.330	3123	3127	3142	rVB4	807666	1563969	15.57%	1.968%
39	21.660	3175	3183	3188	rBV3	1938691	4383504	43.64%	5.516%
40	21.707	3188	3191	3202	rVB	575264	937102	9.33%	1.179%
41	23.295	3455	3461	3471	rBV	744771	1625121	16.18%	2.045%
42	23.960	3569	3574	3582	rBV2	233722	587524	5.85%	0.739%
43	25.042	3749	3758	3767	rBV	1410589	3569333	35.54%	4.491%

Sum of corrected areas: 79473176

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
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Acq On : 11 Aug 2025 19:34
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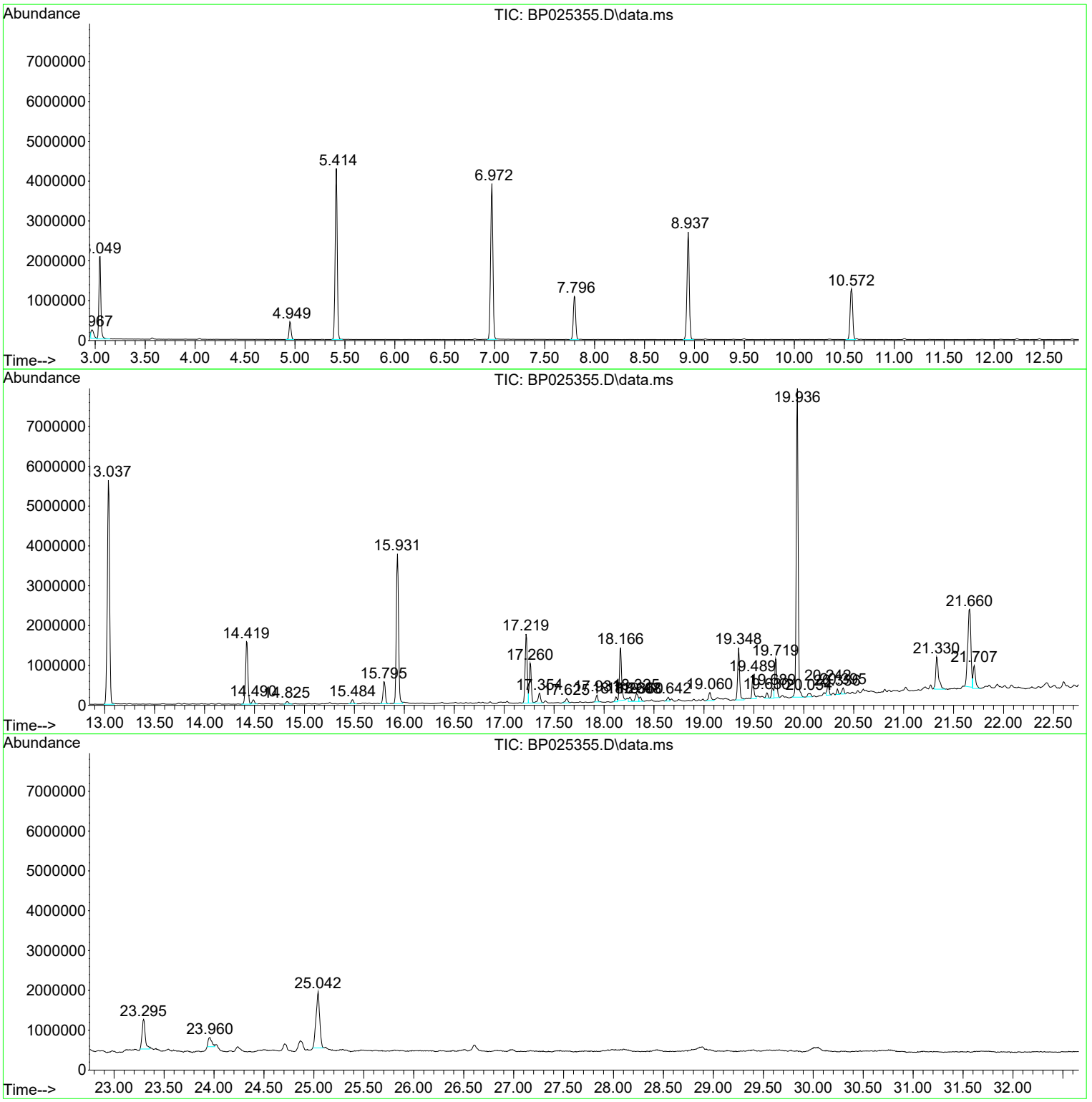
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

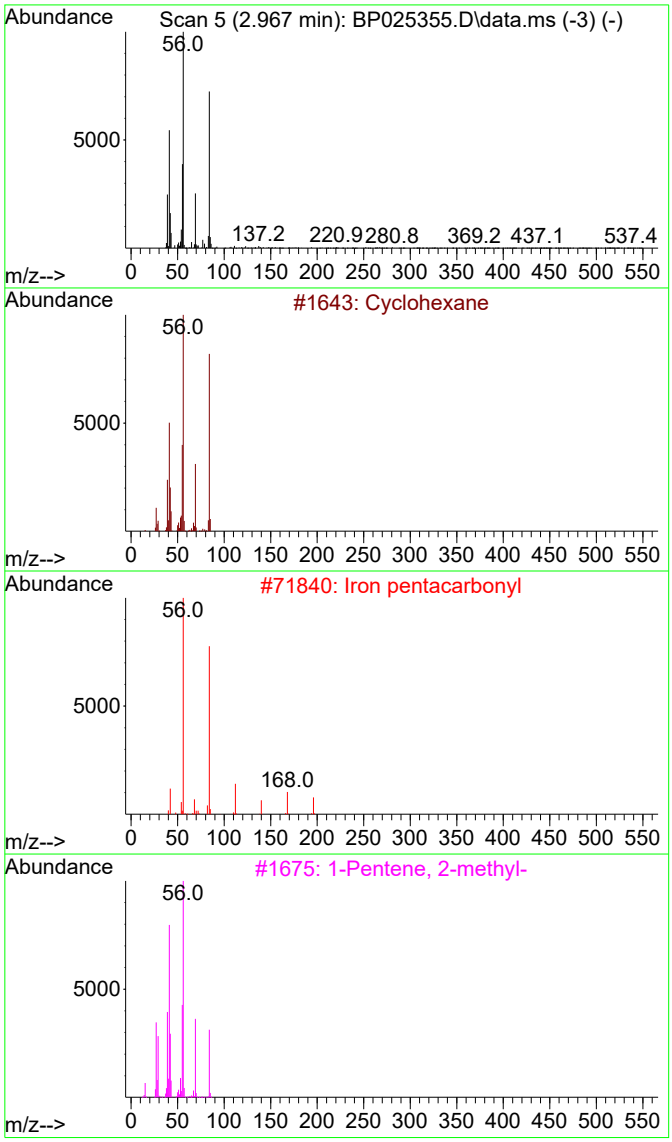
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

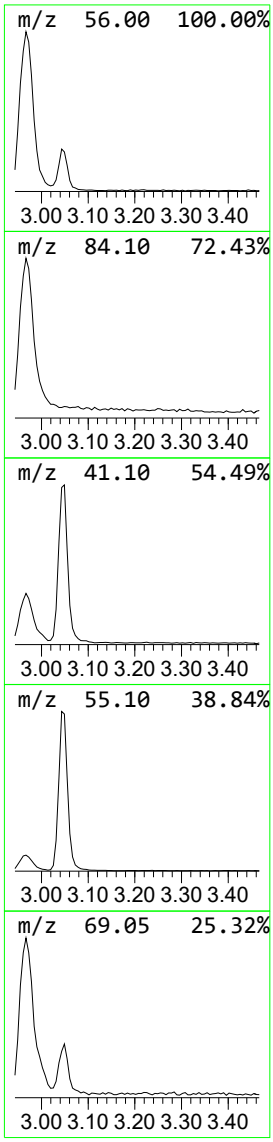
****

Peak Number 1 Cyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.967	4.16 ng	362934	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	87
2	Iron pentacarbonyl	196	C5FeO5	013463-40-6	72
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
4	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	47
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	40





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Data File : BP025355.D
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Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

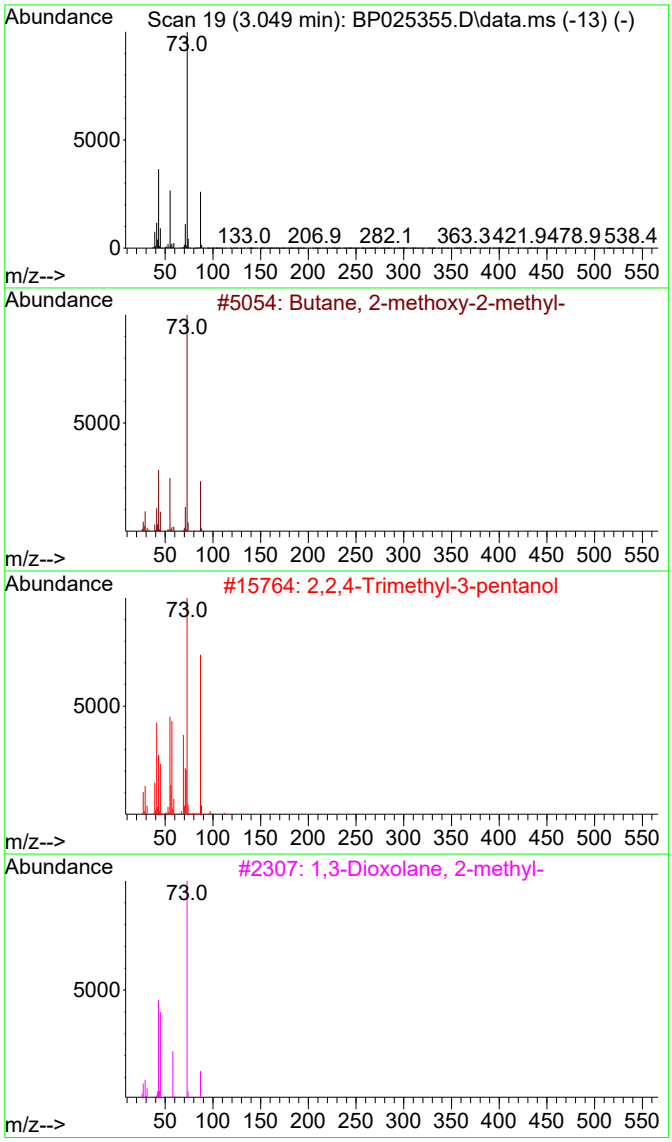
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

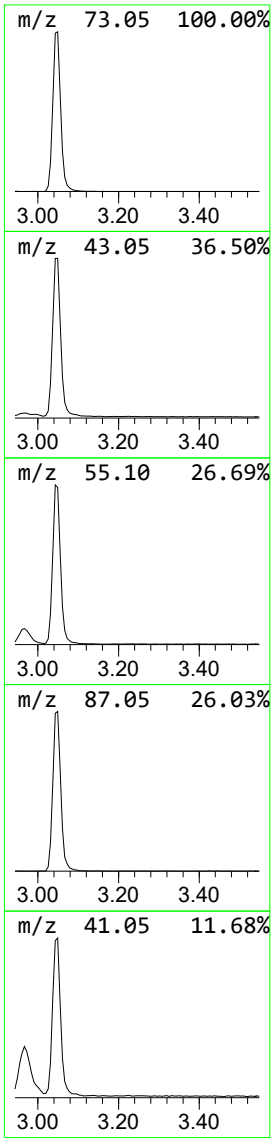
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.049	32.62 ng	2844450	1,4-Dichlorobenzene-d4	7.802

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

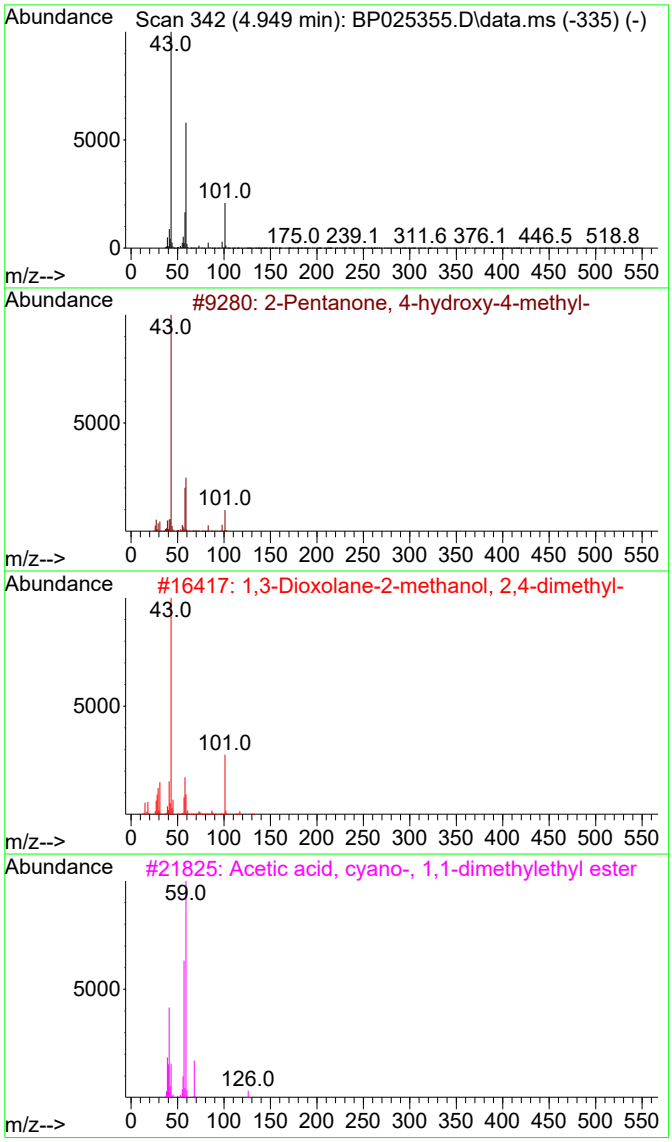
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

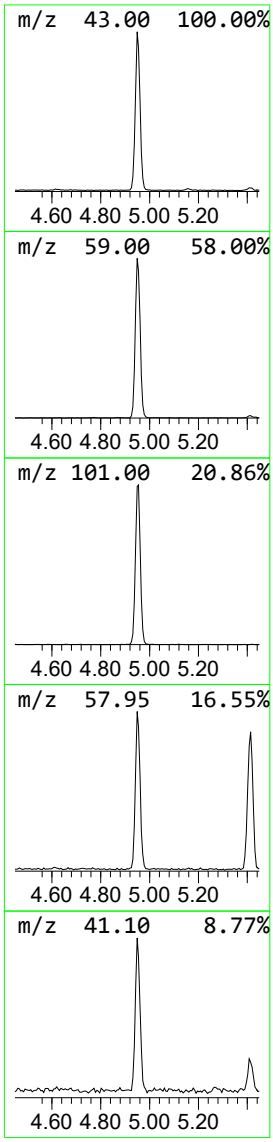
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	7.13 ng	621788	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
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\BP081125\
Data File : BP025355.D
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Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

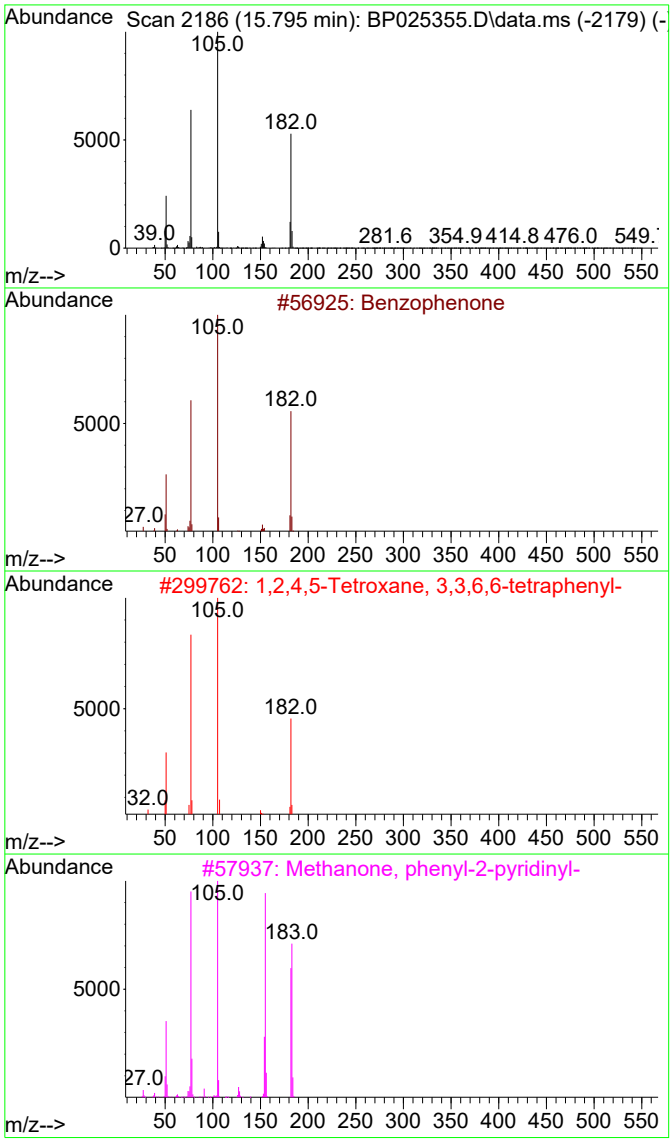
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

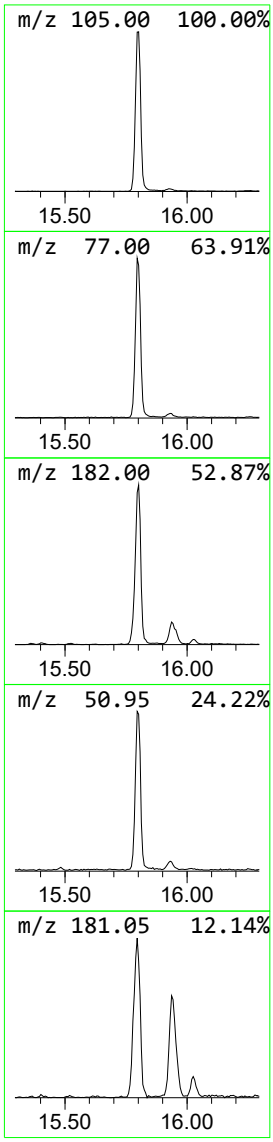
****

Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	6.82 ng	872446	Acenaphthene-d10	14.419

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	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5	Azobenzene	182	C12H10N2	000103-33-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

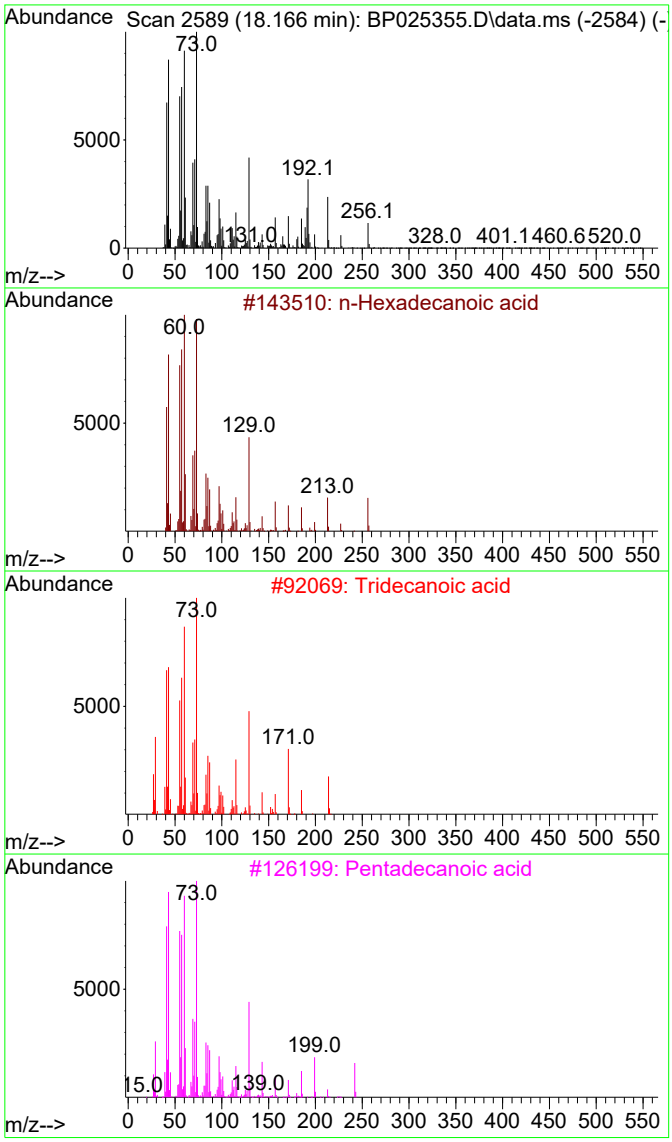
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

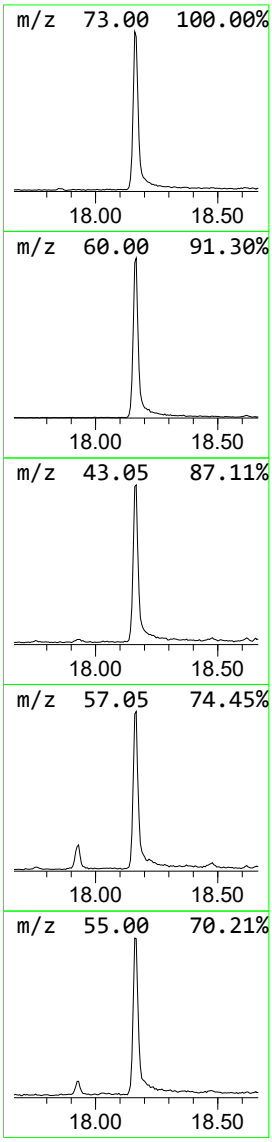
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.166	15.41 ng	1983630	Phenanthrene-d10	17.219

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

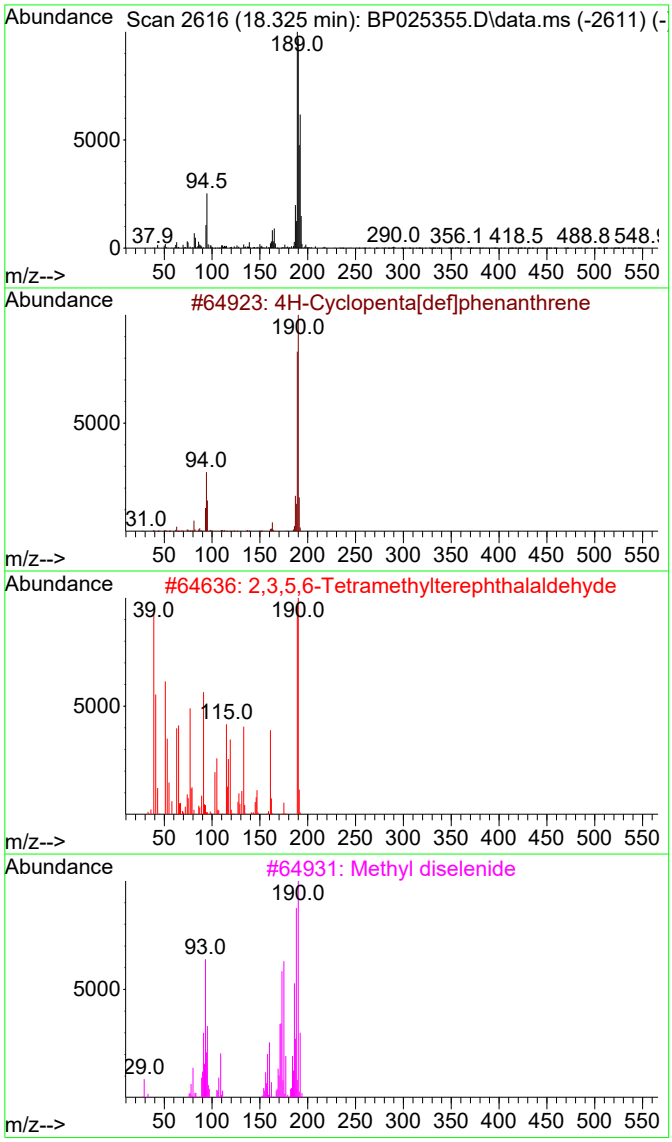
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

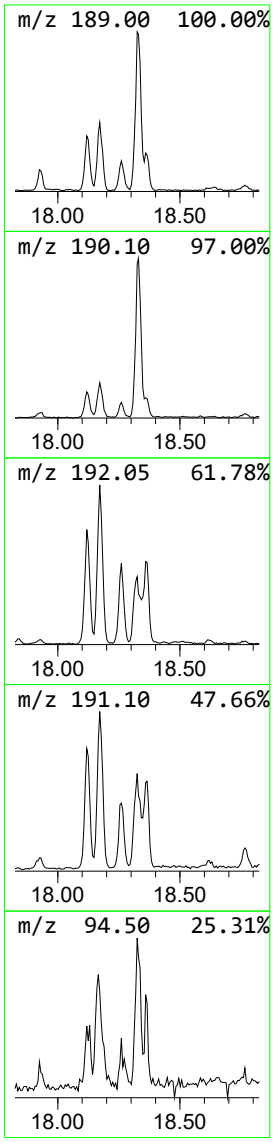
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	2.88 ng	371156	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Methyl diselenide	190	C2H6Se2	007101-31-7	27
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25





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Data File : BP025355.D
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Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

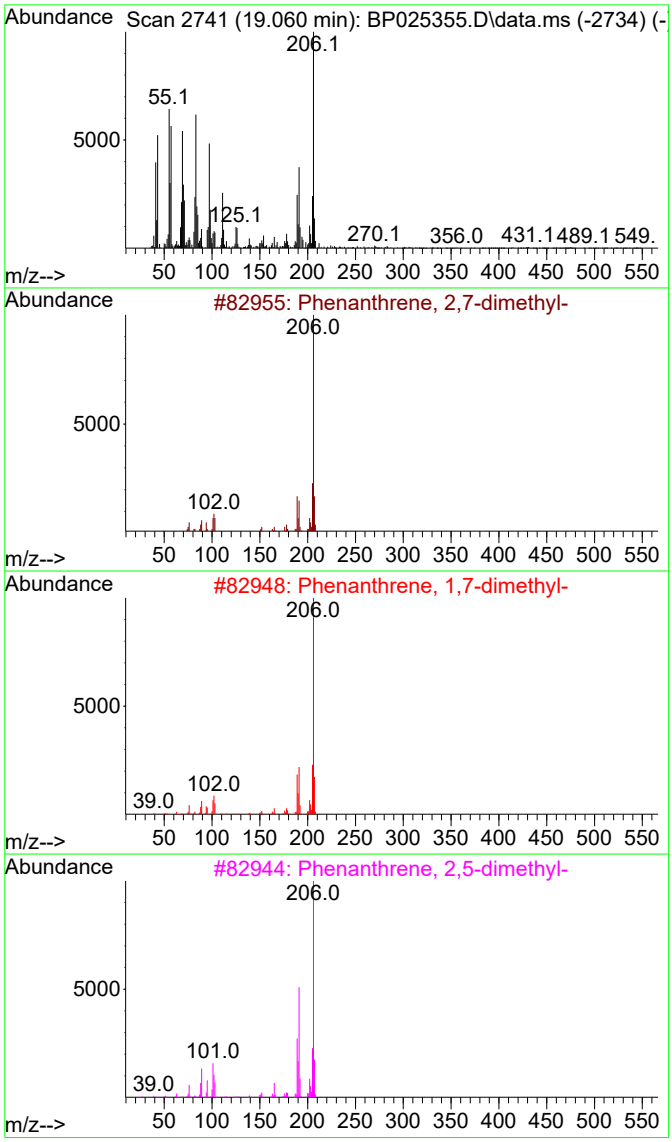
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

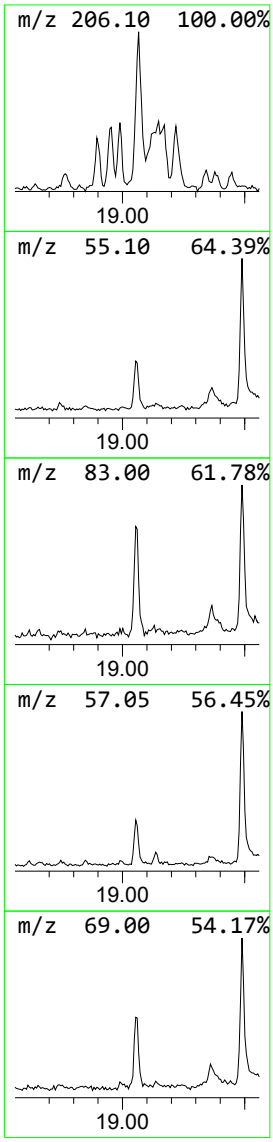
****

Peak Number 7 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.060	2.86 ng	367911	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

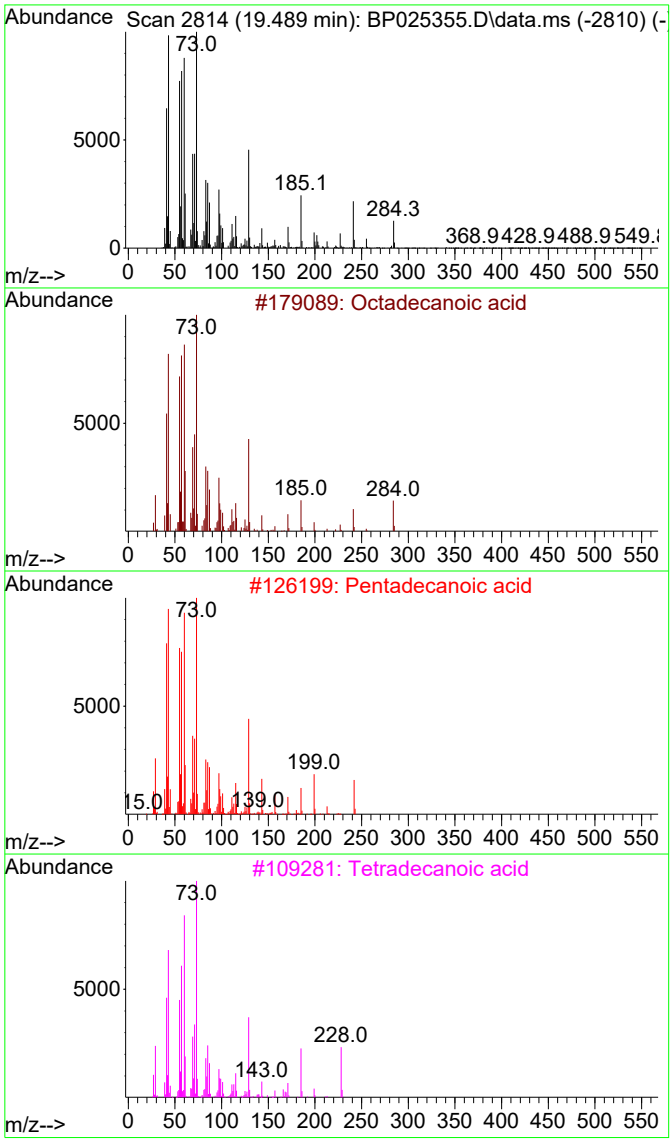
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

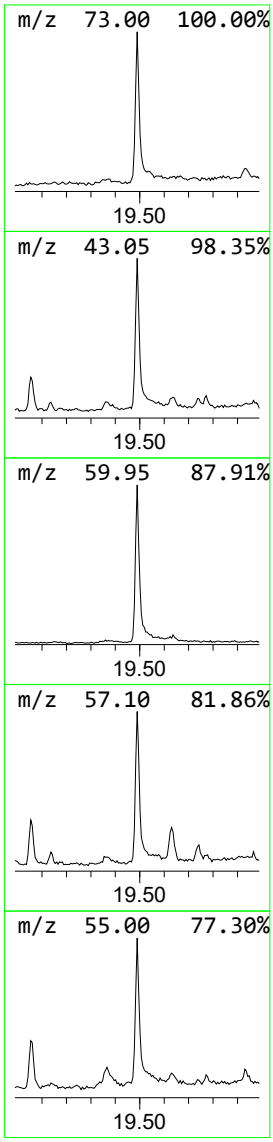
****

Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.489	3.36 ng	735806	Chrysene-d12	21.660

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81





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Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

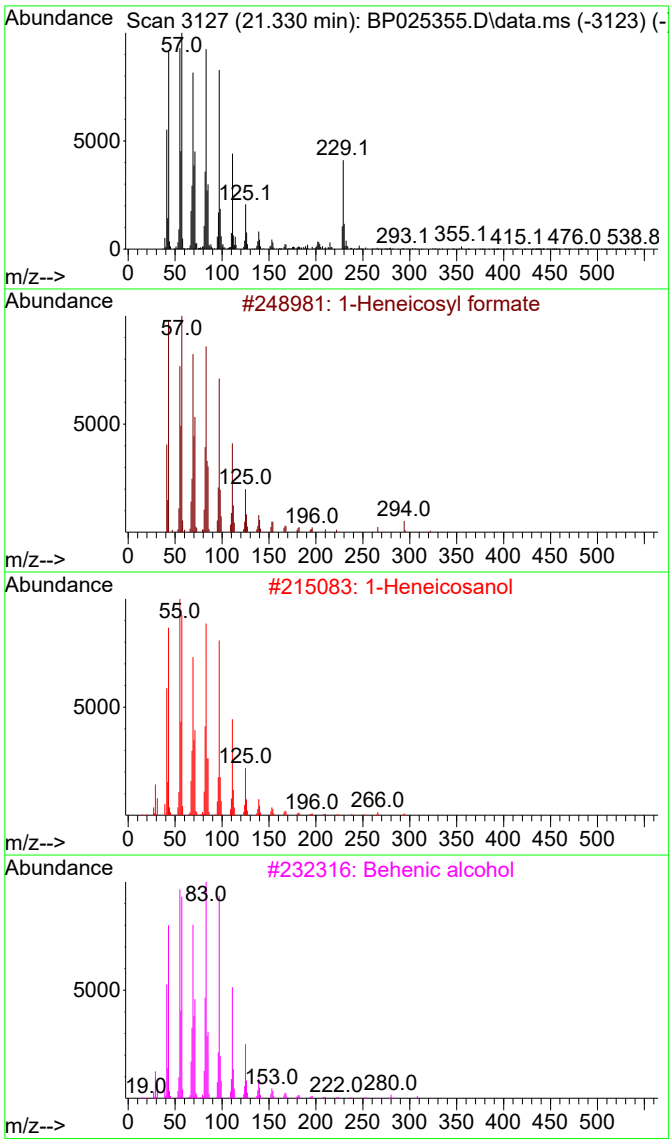
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

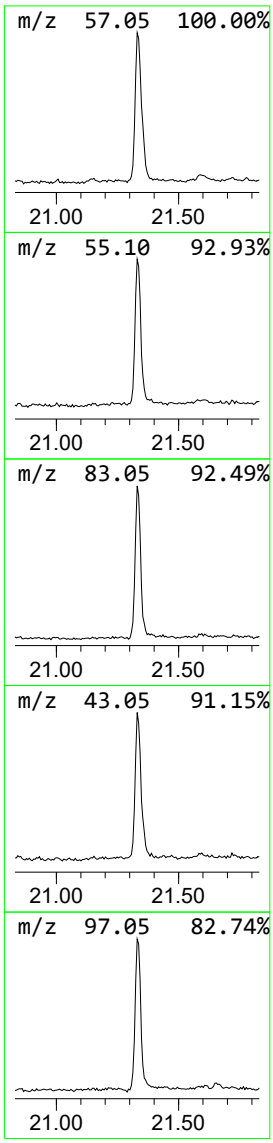
****

Peak Number 9 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.330	7.14 ng	1563970	Chrysene-d12	21.660

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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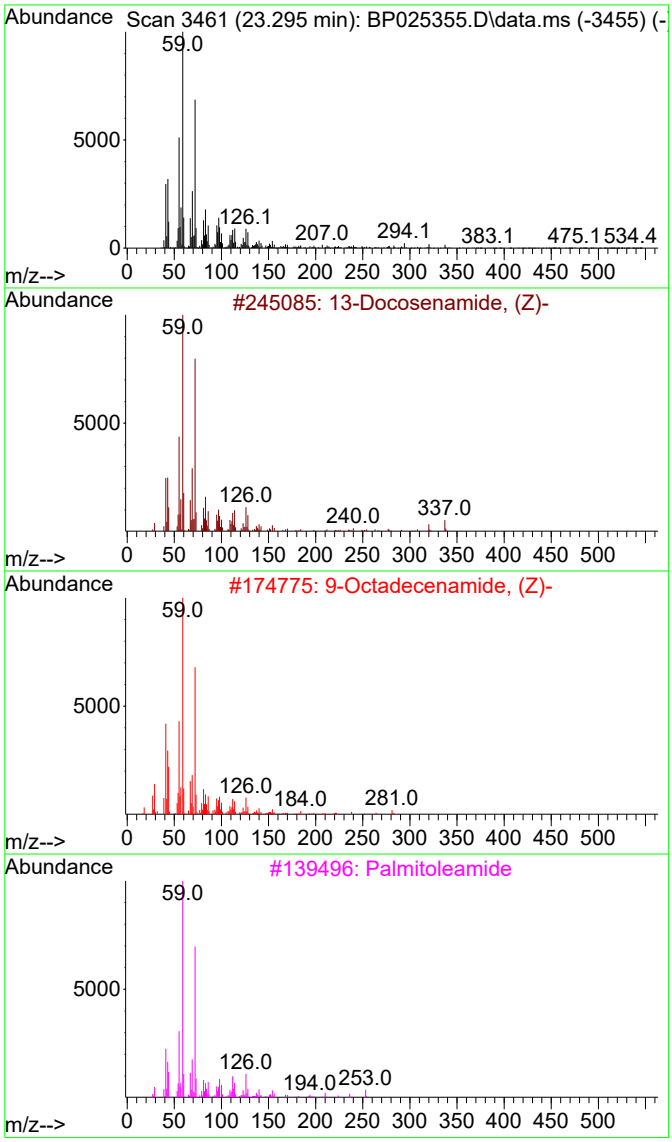
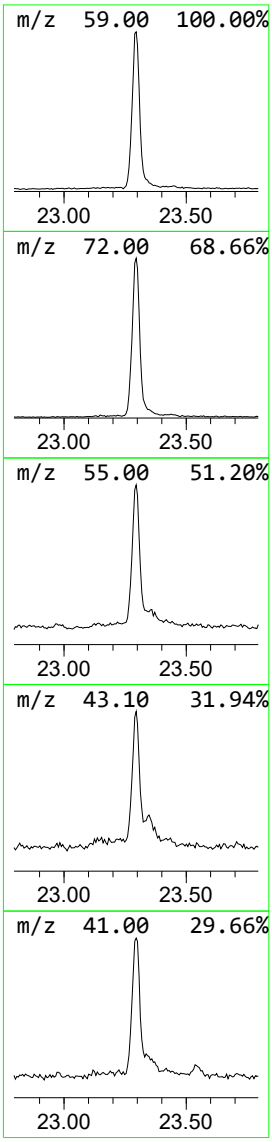
Peak Number 10 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.295	7.41 ng	1625120	Chrysene-d12	21.660

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	96
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	Palmitoleamide	253	C16H31NO	106010-22-4	64
4	Tetradecanamide	227	C14H29NO	000638-58-4	59
5	Dodecanamide	199	C12H25NO	001120-16-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025355.D
Acq On : 11 Aug 2025 19:34
Operator : CG/JU
Sample : Q2795-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
Cyclohexane	2.967	4.2	ng	362934	1	7.802	1743930	20.0
Butane, 2-metho...	3.049	32.6	ng	2844450	1	7.802	1743930	20.0
2-Pentanone, 4-...	4.949	7.1	ng	621788	1	7.802	1743930	20.0
Benzophenone	15.795	6.8	ng	872446	3	14.419	2558440	20.0
n-Hexadecanoic ...	18.166	15.4	ng	1983630	4	17.219	2573740	20.0
4H-Cyclopenta[d...	18.325	2.9	ng	371156	4	17.219	2573740	20.0
Phenanthrene, 2...	19.060	2.9	ng	367911	4	17.219	2573740	20.0
Octadecanoic acid	19.489	3.4	ng	735806	5	21.660	4383500	20.0
1-Heneicosyl fo...	21.330	7.1	ng	1563970	5	21.660	4383500	20.0
13-Docosenamide...	23.295	7.4	ng	1625120	5	21.660	4383500	20.0