LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.655	287	292	302	rVB	635558	876898	4.21%	0.555%
2	5.102	362	368	376	rBV	7196244	10143877	48.69%	6.415%
3	6.643	617	630	645	rBV	6251434	9239397	44.35%	5.843%
4	7.437	758	765	774	rVB	1706558	2611290	12.54%	1.652%
5	8.572	946	958	969	rBV	3856100	6094427	29.26%	3.854%
6	10.190	1226	1233	1240	rBV	2244817	3697673	17.75%	2.339%
7	12.701	1650	1660	1670	rBV	9390065	14247354	68.39%	9.011%
8	13.819	1844	1850	1856	rVB	208482	320690	1.54%	0.203%
9	14.101	1891	1898	1905	rBV	3572691	5092560	24.45%	3.221%
10	15.501	2130	2136	2148	rVB	1331091	1946055	9.34%	1.231%
11	15.625	2151	2157	2172	rBV	8992472	13148689	63.12%	8.316%
12	15.878	2194	2200	2208	rBV	1106336	1594317	7.65%	1.008%
13	16.048	2226	2229	2231	rBV	212039	230455	1.11%	0.146%
14	16.119	2237	2241	2247	rVB	164763	247342	1.19%	0.156%
15	16.307	2269	2273	2277	rVB2	208273	280281	1.35%	0.177%
16	16.360	2277	2282	2287	rBV6	164188	261936	1.26%	0.166%
17	16.425	2287	2293	2300	rBV3	804343	1493719	7.17%	0.945%
18	16.489	2300	2304	2313	rVB	569498	831090	3.99%	0.526%
19	16.578	2314	2319	2323	rBV	405299	562218	2.70%	0.356%
20	16.648	2324	2331	2335	rBV	533009	800110	3.84%	0.506%
21	16.707	2335	2341	2349	rVV	1369566	2087525	10.02%	1.320%
22	16.919	2370	2377	2383	rBV2	3116756	6200110	29.76%	3.921%
23	16.972	2383	2386	2392	rVB	465436	717812	3.45%	0.454%
24	17.066	2398	2402	2407	rBV2	320002	557740	2.68%	0.353%
25	17.148	2412	2416	2422	rVB	1044374	1409933	6.77%	0.892%
26	17.225	2423	2429	2437	rBV2	953570	1706009	8.19%	1.079%
27	17.354	2447	2451	2456	rVB4	204740	325733	1.56%	0.206%
28	17.572	2484	2488	2492	rBV3	206210	328643	1.58%	0.208%
29	17.689	2504	2508	2512	rBV3	351148	541889	2.60%	0.343%
30	17.830	2529	2532	2535	rBV	218452	268334	1.29%	0.170%
31	17.907	2541	2545	2550	rVB	2113447	2461269	11.82%	1.557%
32	18.025	2561	2565	2568	rBV	514242	914028	4.39%	0.578%
33	18.401	2626	2629	2632	rBV3	236500	423261	2.03%	0.268%
34	18.801	2693	2697	2702	rVB	529277	838596	4.03%	0.530%
35	18.860	2705	2707	2711	rVV	296661	333064	1.60%	0.211%
36	18.930	2716	2719	2721	rBV4	303159	400094	1.92%	0.253%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.066	2738	2742	2749	rVB	1368503	2135430	10.25%	1.351%
38	19.254	2771	2774	2776	rBV2	397632	413454	1.98%	0.261%
39	19.442	2801	2806	2811	rBV	2538345	3591099	17.24%	2.271%
40	19.677	2841	2846	2857	rBV	16108028	20831622	100.00%	13.175%
41	20.142	2921	2925	2932	rVB	863888	1249986	6.00%	0.791%
42	20.283	2946	2949	2952	rBV	1284760	1417583	6.80%	0.897%
43	20.324	2953	2956	2961	rVV2	980551	1417246	6.80%	0.896%
44	20.501	2983	2986	2989	rBV	543851	710466	3.41%	0.449%
45	20.536	2989	2992	2998	rVB	2355600	2866868	13.76%	1.813%
46	20.666	3010	3014	3019	rVB	2137196	2942695	14.13%	1.861%
47	20.789	3033	3035	3037	rBV	619058	696800	3.34%	0.441%
48	20.919	3053	3057	3060	rBV	956817	1388997	6.67%	0.878%
49	21.054	3077	3080	3082	rBV	807195	1027492	4.93%	0.650%
50	21.083	3082	3085	3088	rVB3	1156086	1480837	7.11%	0.937%
51	21.348	3124	3130	3136	rBV3	5534970	11066916	53.13%	6.999%
52	22.313	3290	3294	3303	rVB	1411176	2565523	12.32%	1.623%
53	23.754	3537	3539	3540	rBV2	472935	365852	1.76%	0.231%
54	24.507	3660	3667	3676	rVB	3572722	8712341	41.82%	5.510%

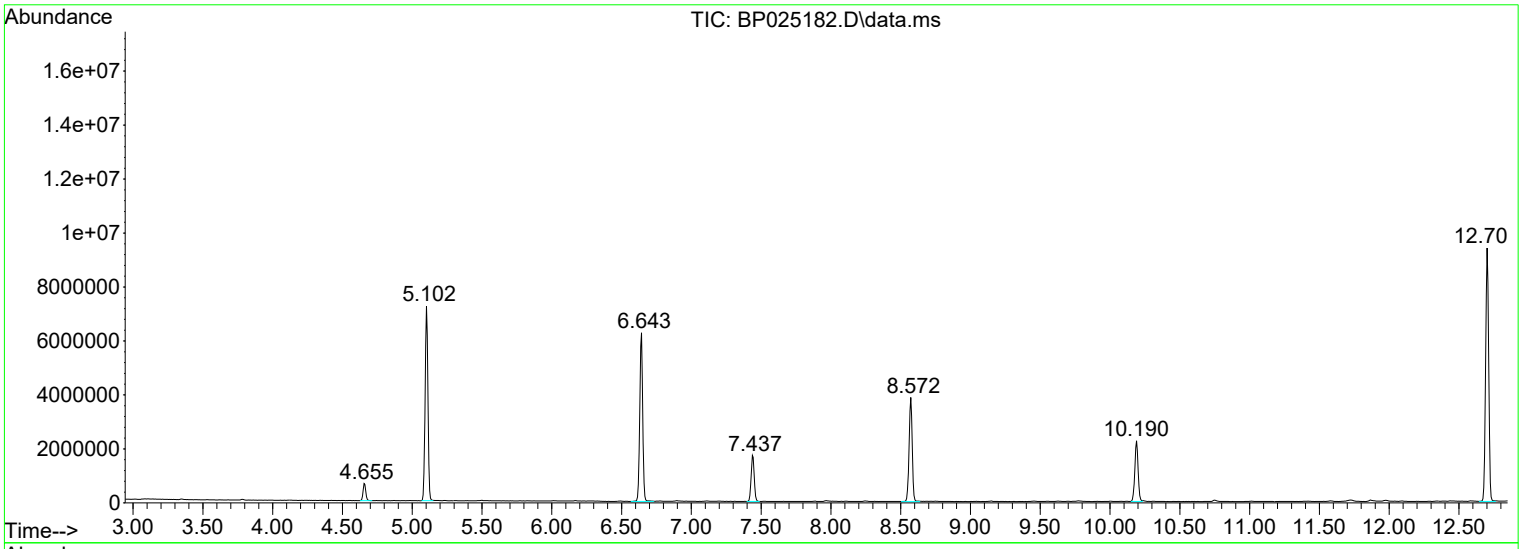
Sum of corrected areas: 158115625

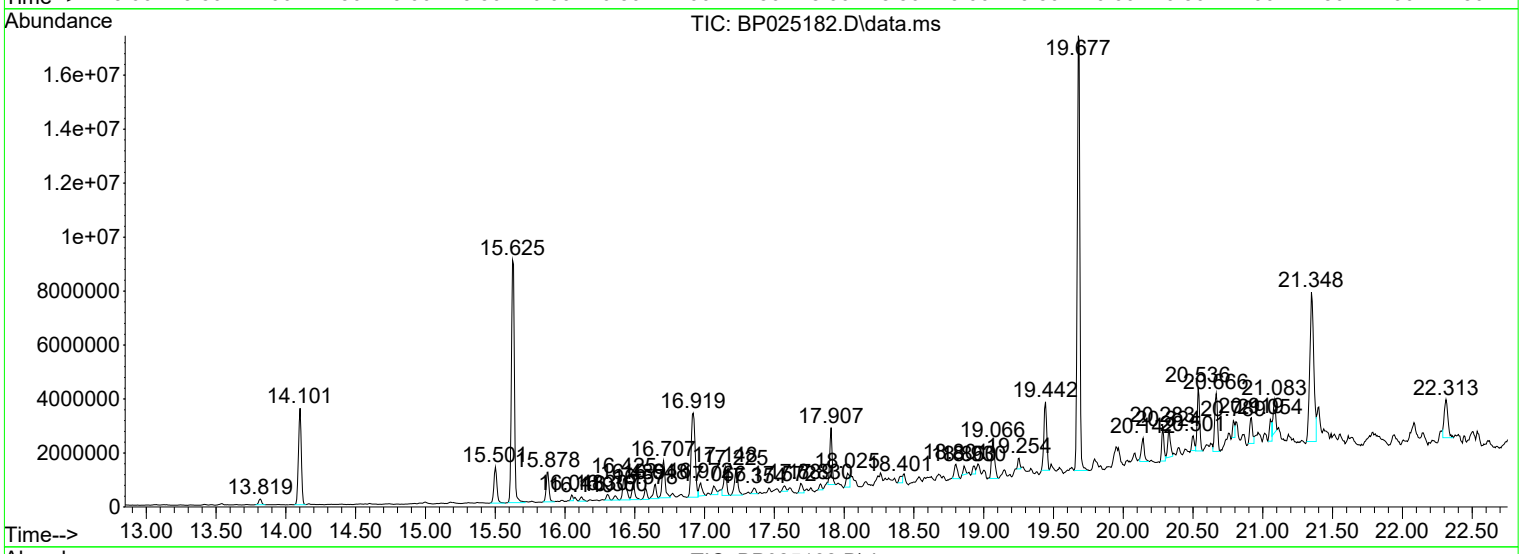
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

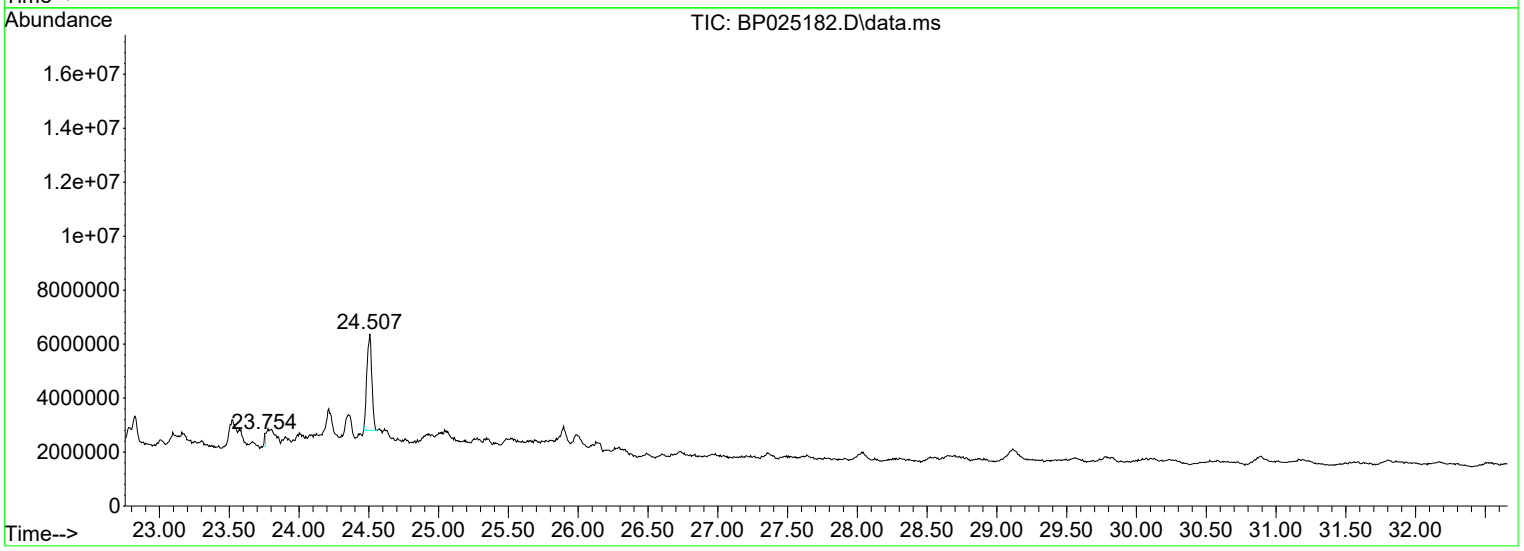
Instrument :
BNA_P
ClientSampleId :
OR-02-071525

Quant Title :

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

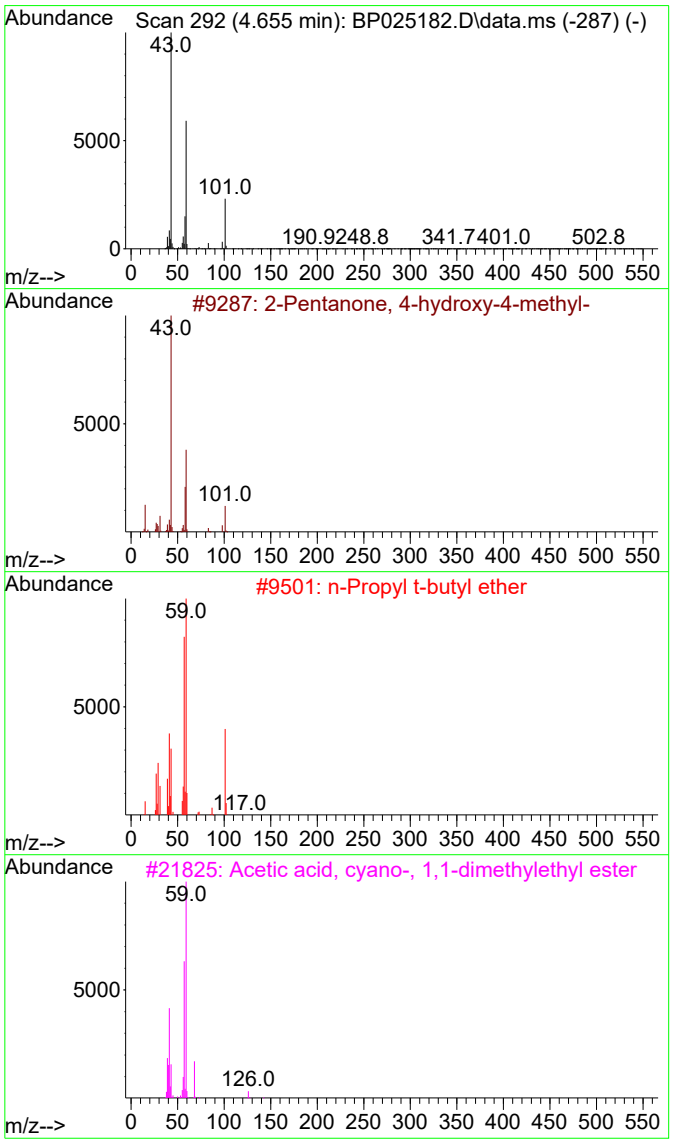
Quant Title :

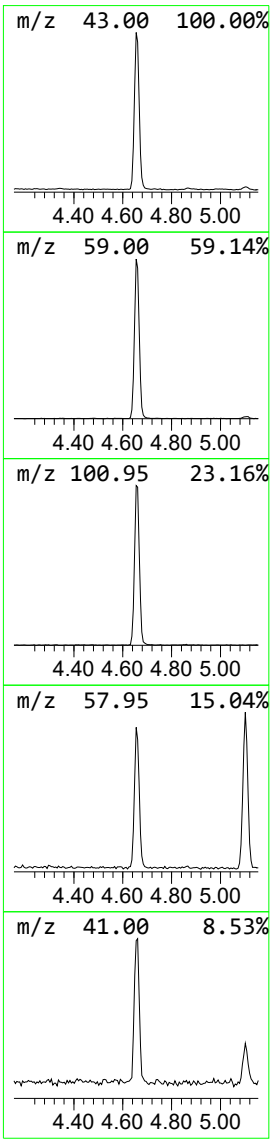
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.655	6.72 ng	876898	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

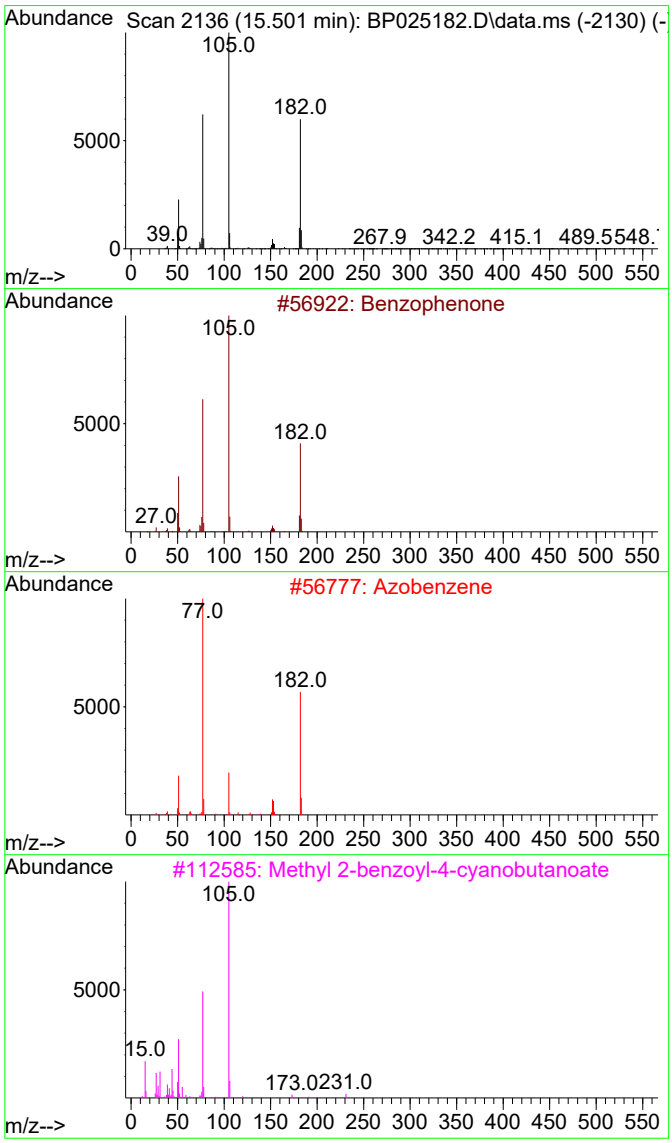
Quant Title :

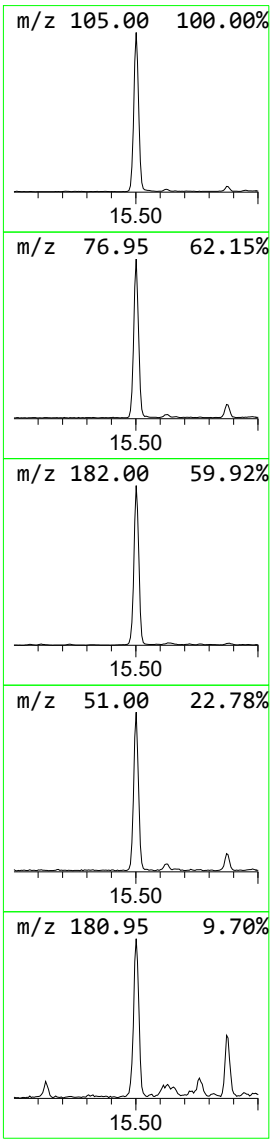
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	7.64 ng	1946060	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
4	Vinyl benzoate	148	C9H8O2	000769-78-8	47
5	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

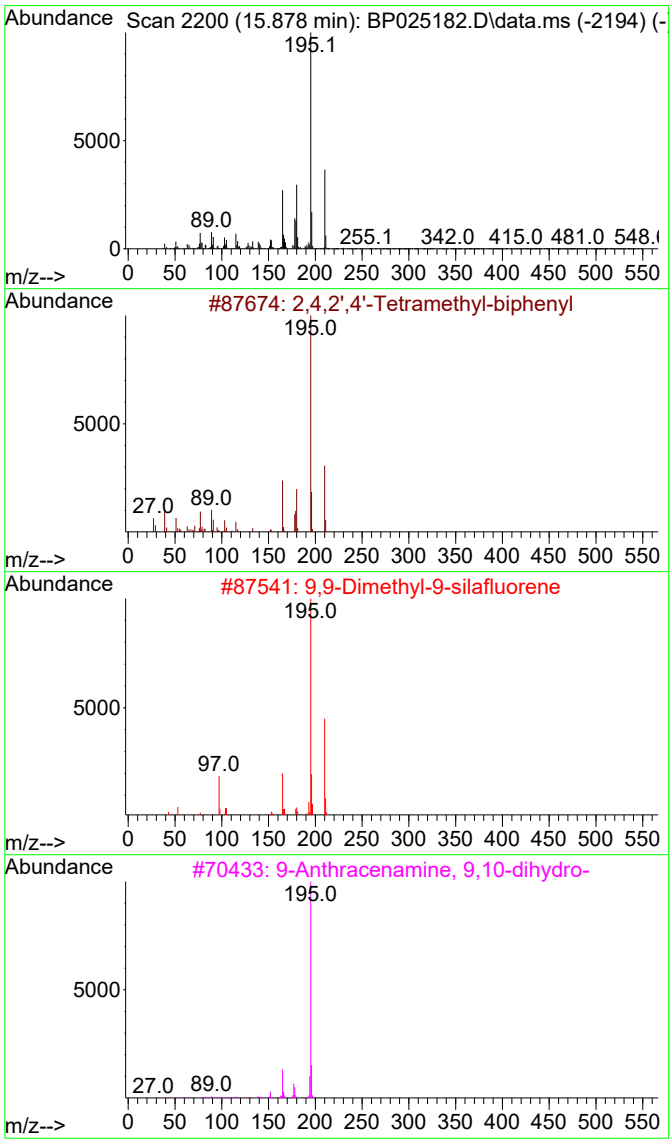
Quant Title :

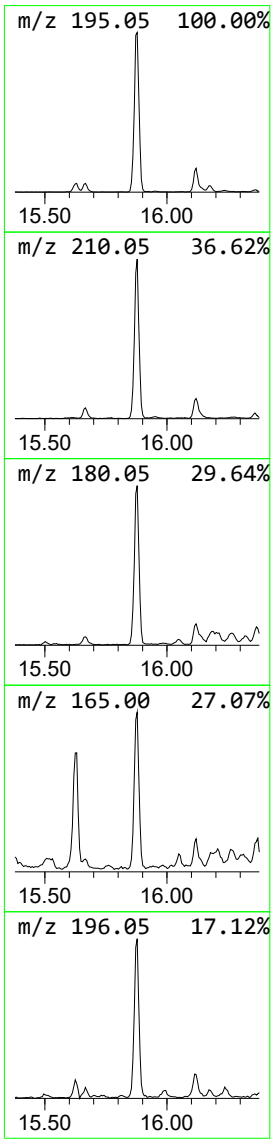
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.878	5.14 ng	1594320	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	90
2	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	74
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58
4	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
5	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

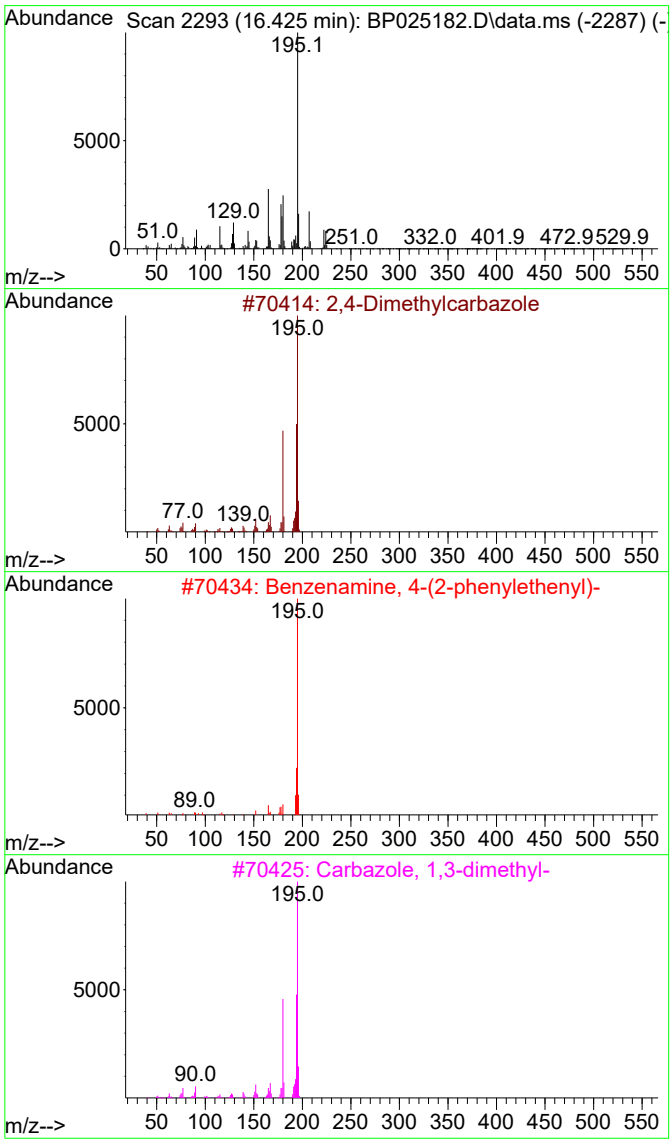
Quant Title :

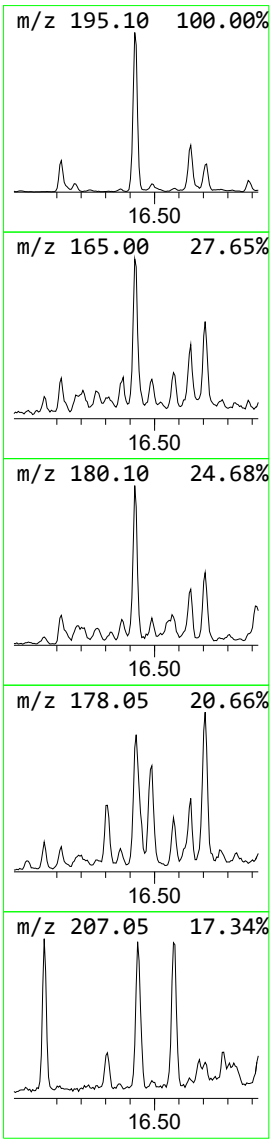
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4-Dimethylcarbazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.425	4.82 ng	1493720	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylcarbazole	195	C14H13N	1000326-01-2	64
2	Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	64
3	Carbazole, 1,3-dimethyl-	195	C14H13N	018992-68-2	58
4	Carbazole, 2,3-dimethyl-	195	C14H13N	018992-70-6	58
5	6-Methoxy-1,3-benzothiazole-2,4-...	195	C8H9N3OS	1000434-94-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

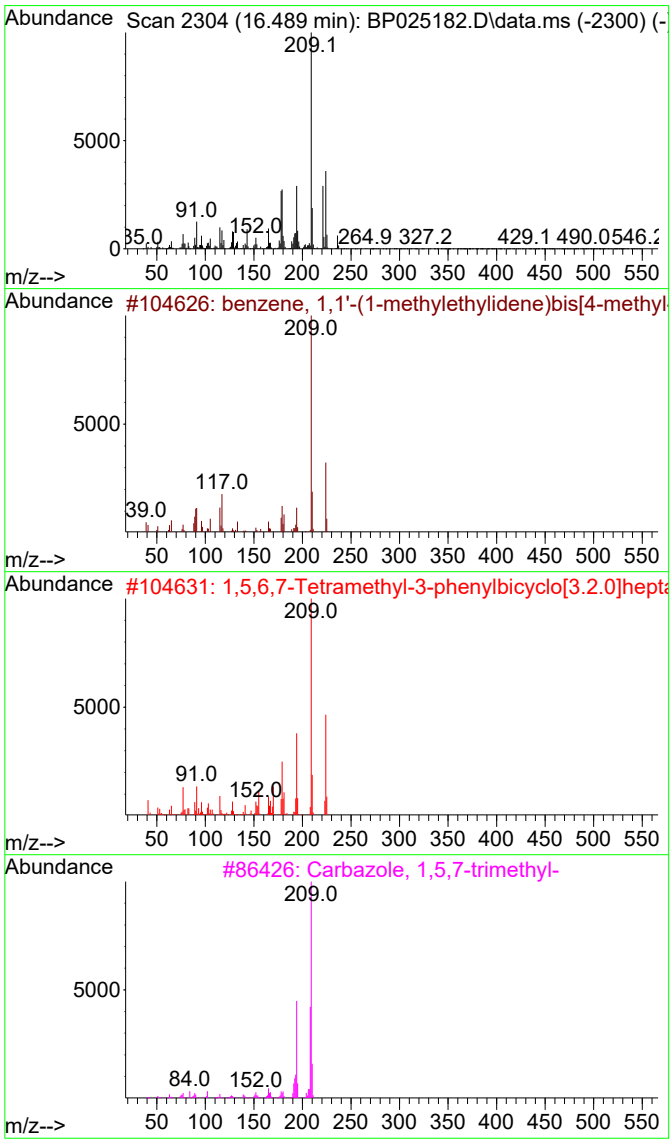
Quant Title :

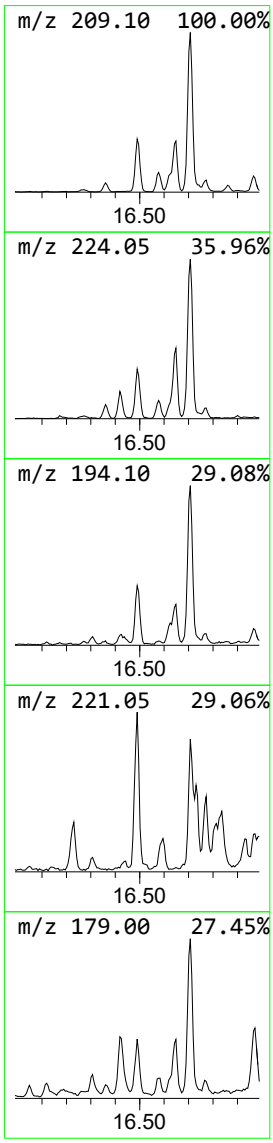
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 benzene, 1,1'-(1-methylethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	2.68 ng	831090	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzene, 1,1'-(1-methylethyliden...	224	C17H20	1000400-89-0	64
2	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	62
3	Carbazole, 1,5,7-trimethyl-	209	C15H15N	078787-84-5	55
4	Carbazole, 1,3,4-trimethyl-	209	C15H15N	078787-82-3	50
5	N,N-Dimethyl-3-((trimethylsilyl)...	209	C11H19NOSi	1000473-68-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

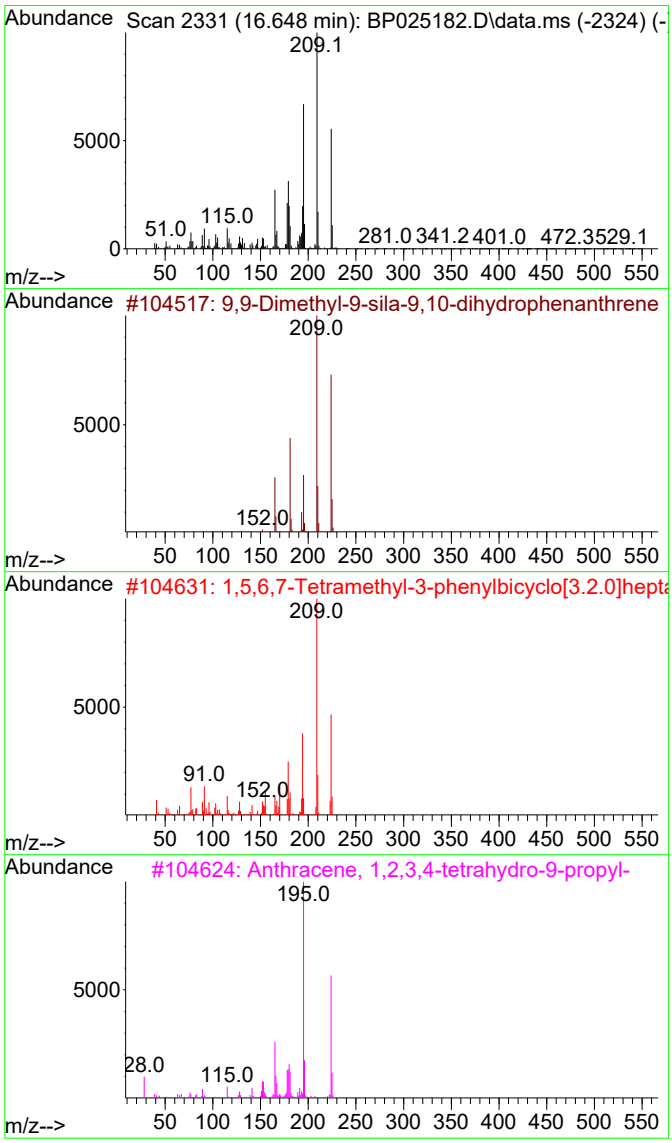
Quant Title :

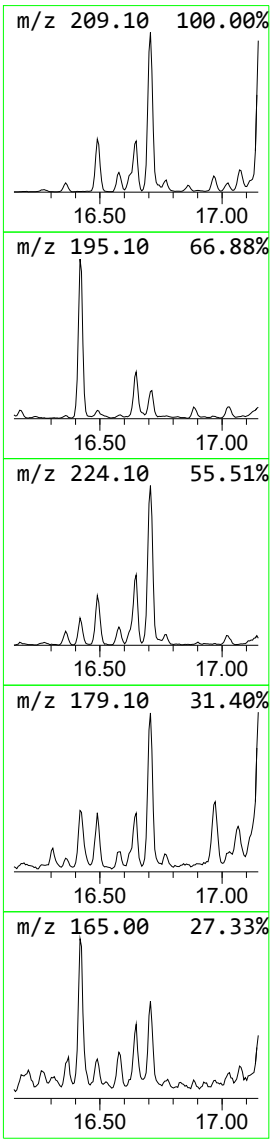
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown16.648 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.648	2.58 ng	800110	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,9-Dimethyl-9-sila-9,10-dihydro...	224	C15H16Si	187328-55-8	49
2	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	46
3	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	43
4	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	38
5	1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

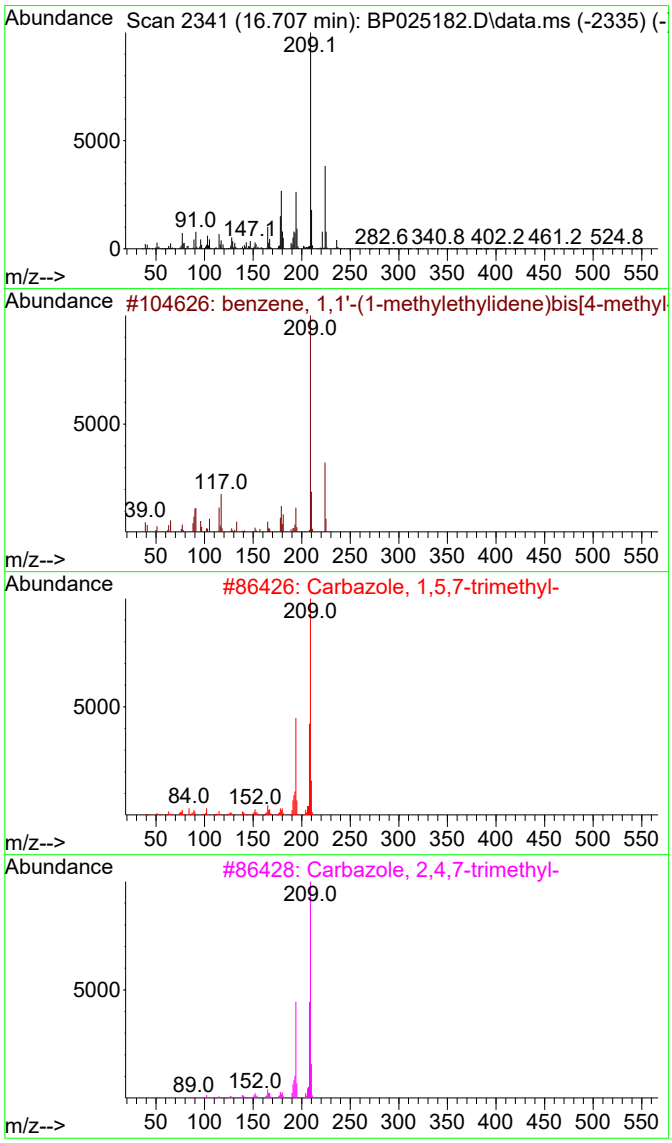
Quant Title :

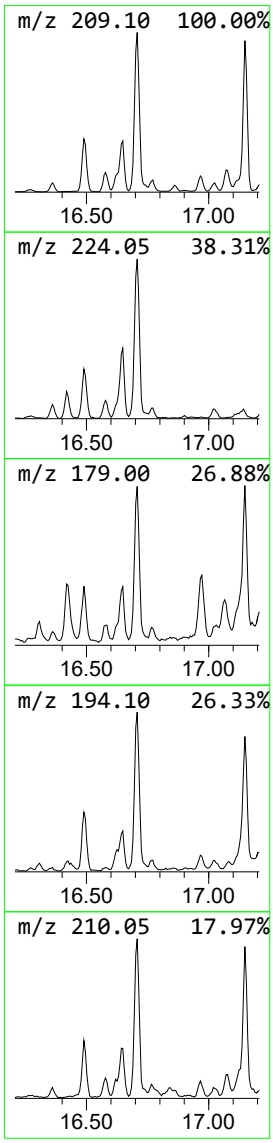
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Carbazole, 1,5,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.707	6.73 ng	2087530	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzene, 1,1'-(1-methylethyliden...	224	C17H20	1000400-89-0	72
2	Carbazole, 1,5,7-trimethyl-	209	C15H15N	078787-84-5	53
3	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	53
4	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	52
5	acetic acid, 2-[3-(1,1-dimethyle...	224	C12H16O4	1000400-87-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

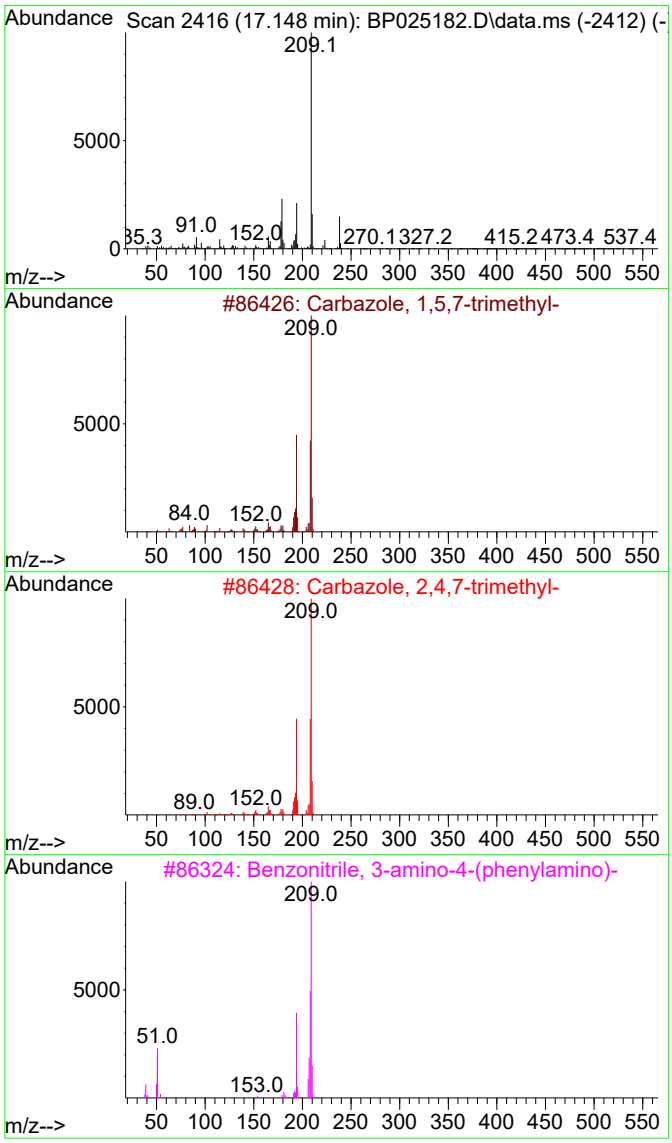
Quant Title :

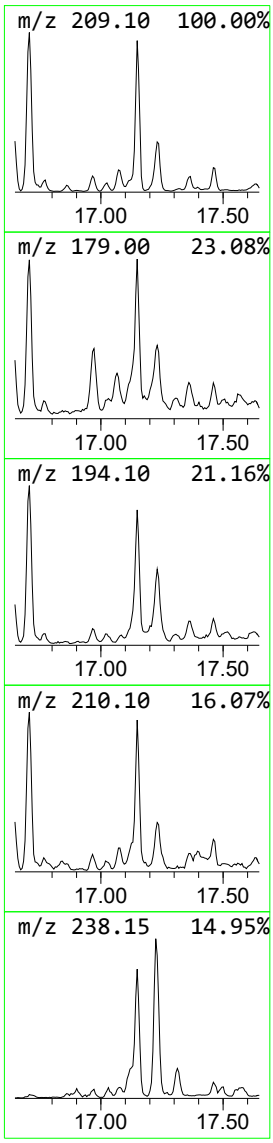
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Carbazole, 2,4,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.148	4.55 ng	1409930	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 1,5,7-trimethyl-	209	C15H15N	078787-84-5	76
2	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	70
3	Benzonitrile, 3-amino-4-(phenyla...	209	C13H11N3	1000317-30-9	52
4	p-Menth-1-en-3-one, semicarbazone	209	C11H19N3O	004713-41-1	50
5	1-Methyl-4-(indol-3-enilyden)-1,...	209	C13H11N3	077219-01-3	50





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Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

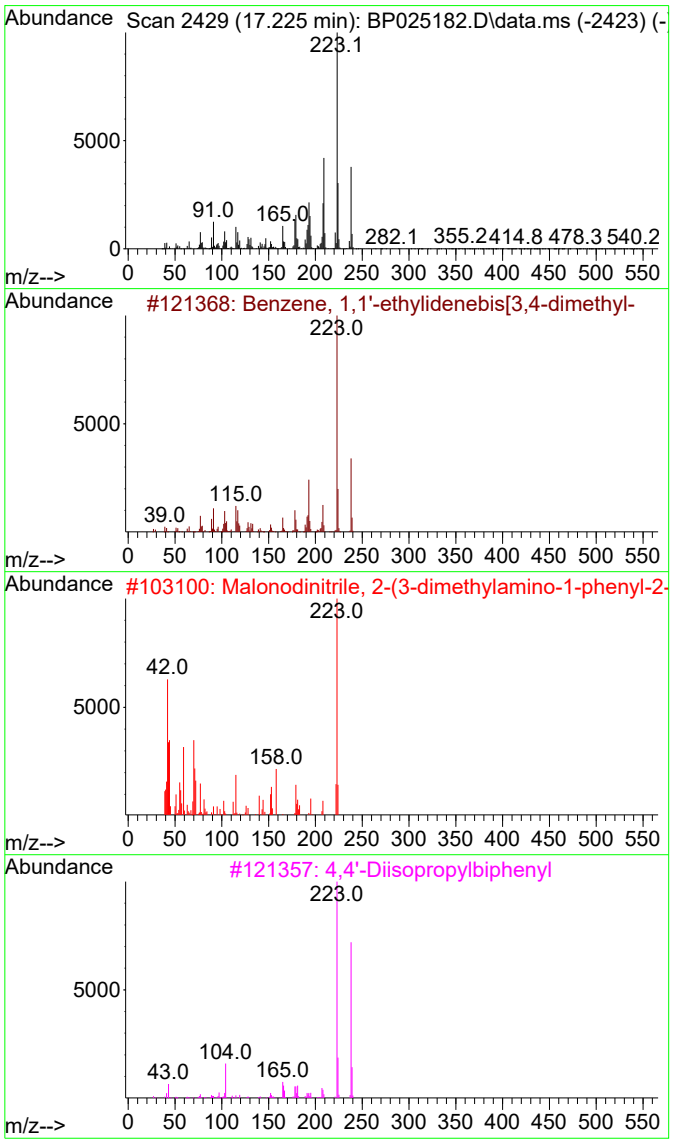
Quant Title :

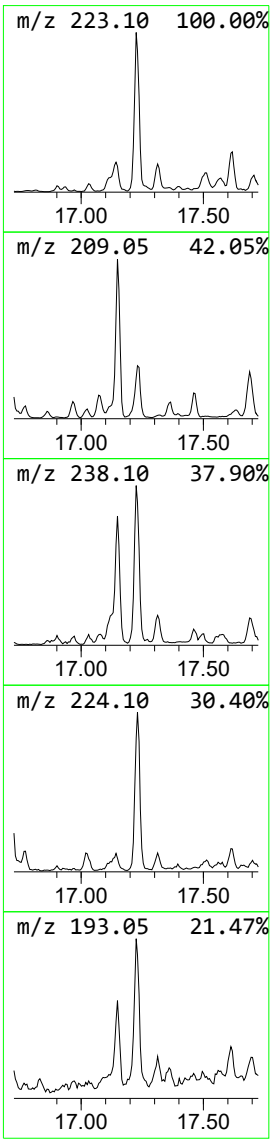
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,1'-ethylidenebis... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.225	5.50 ng	1706010	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	91
2	Malonodinitrile, 2-(3-dimethylam...	223	C14H13N3	065996-13-6	80
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	Cyclopent[a]indene, 3,8-dihydro-...	238	C18H22	017384-72-4	50
5	Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	49





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Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

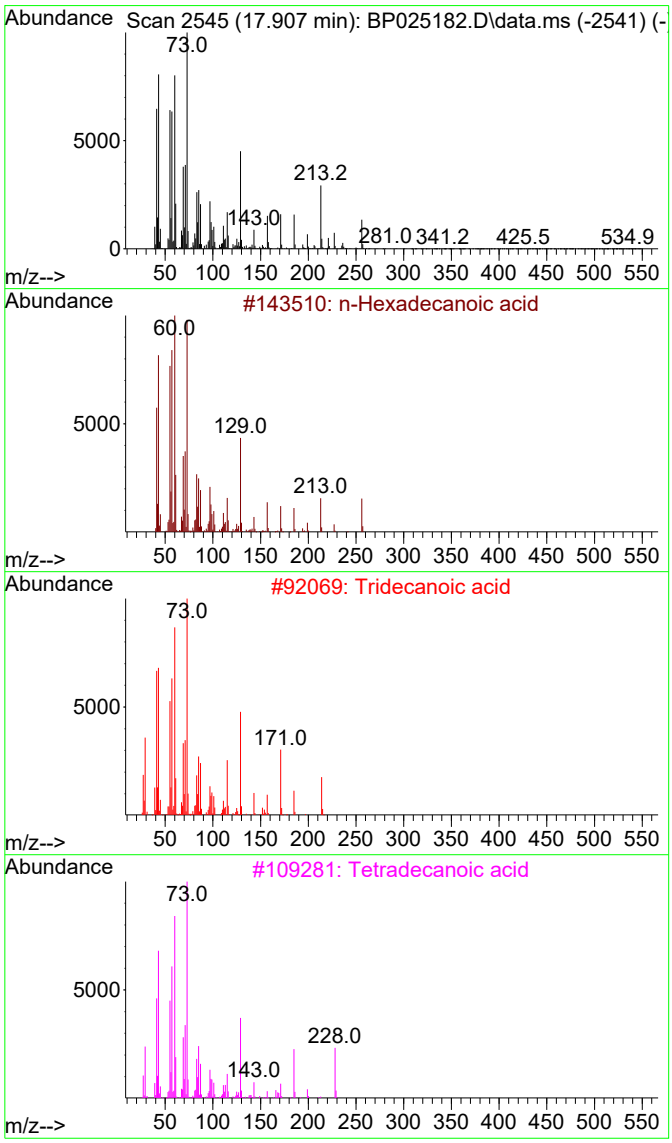
Quant Title :

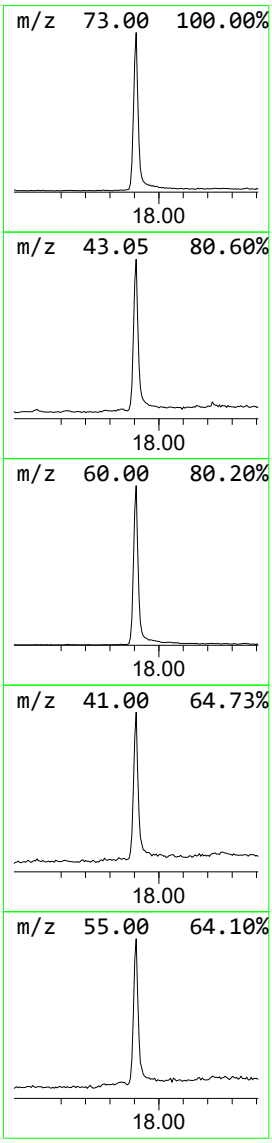
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.907	7.94 ng	2461270	Phenanthrene-d10	16.919

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

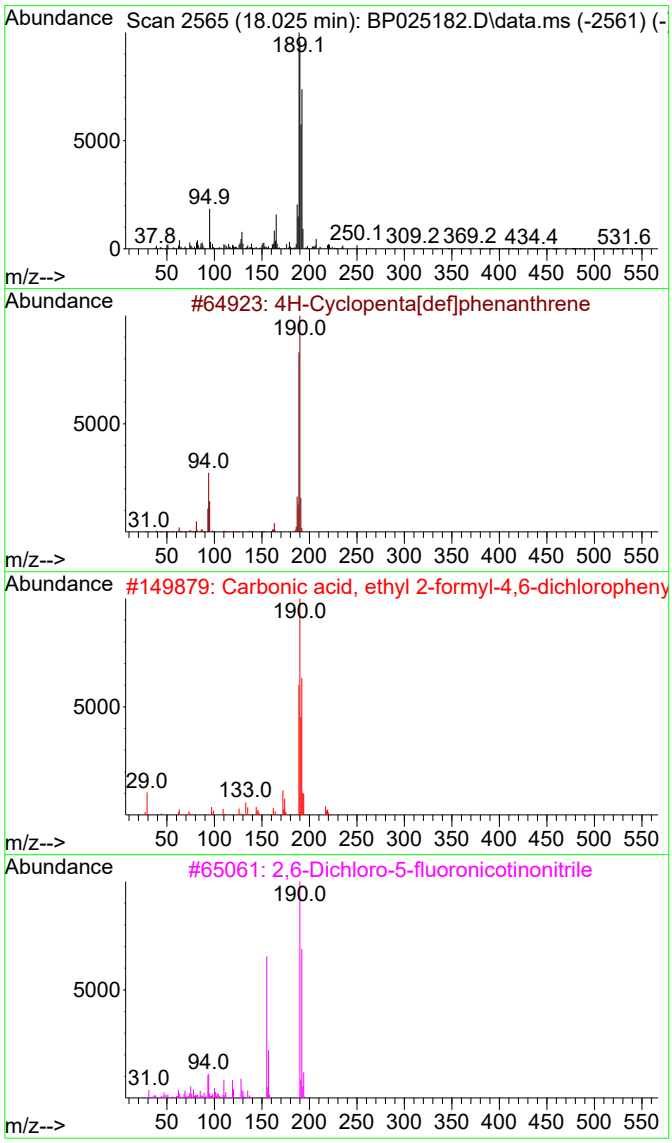
Quant Title :

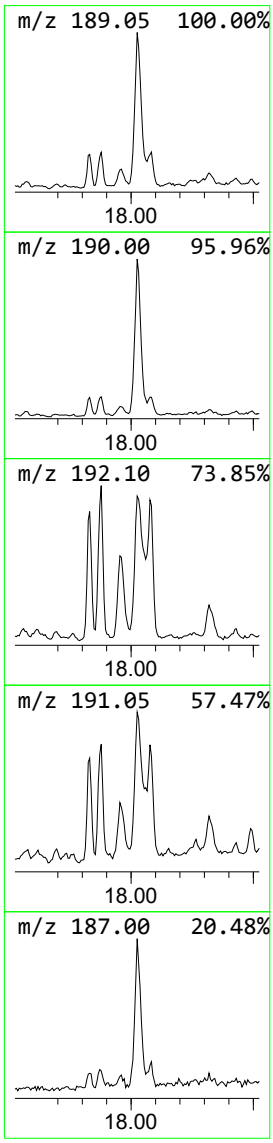
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.025	2.95 ng	914028	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	2,6-Dichloro-5-fluoronicotinonit...	190	C6HCl2FN2	082671-02-1	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30





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Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

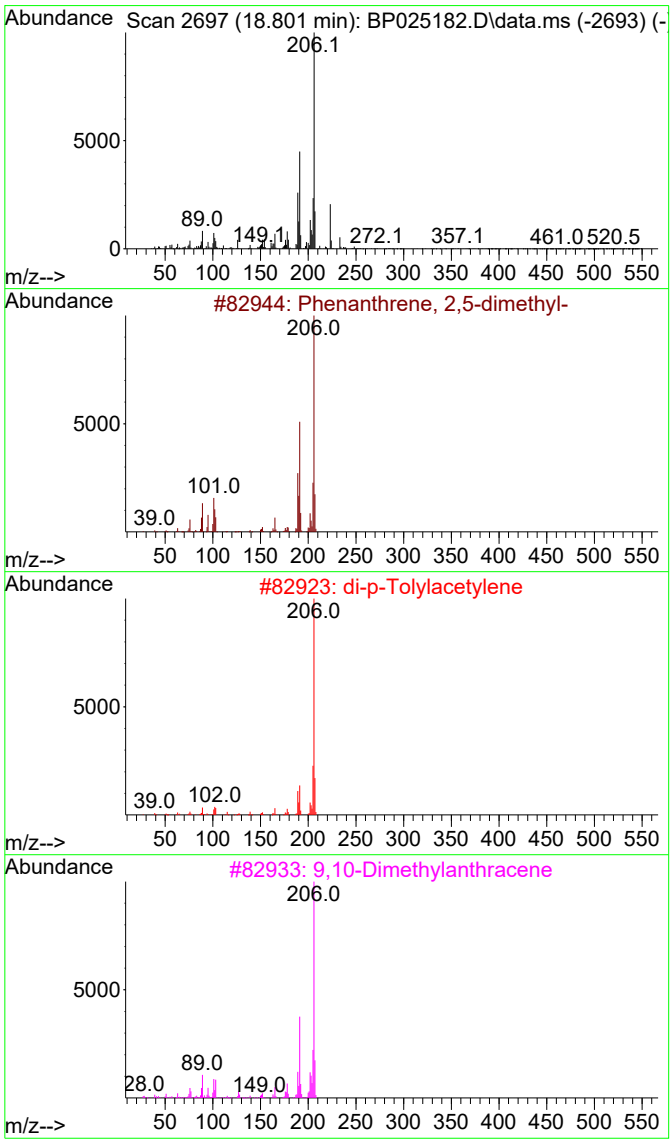
Quant Title :

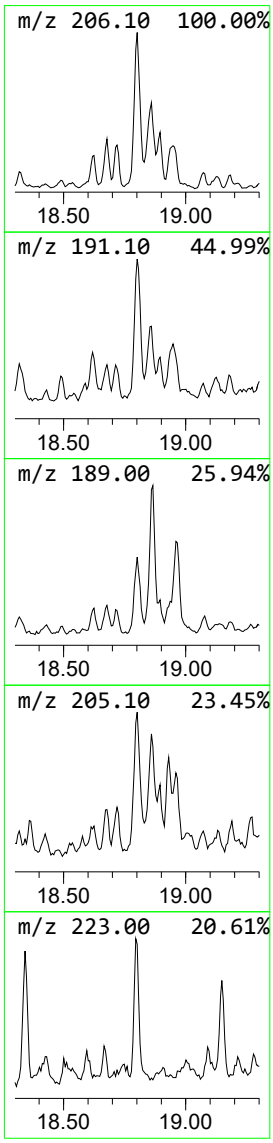
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.801	2.71 ng	838596	Phenanthrene-d10	16.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

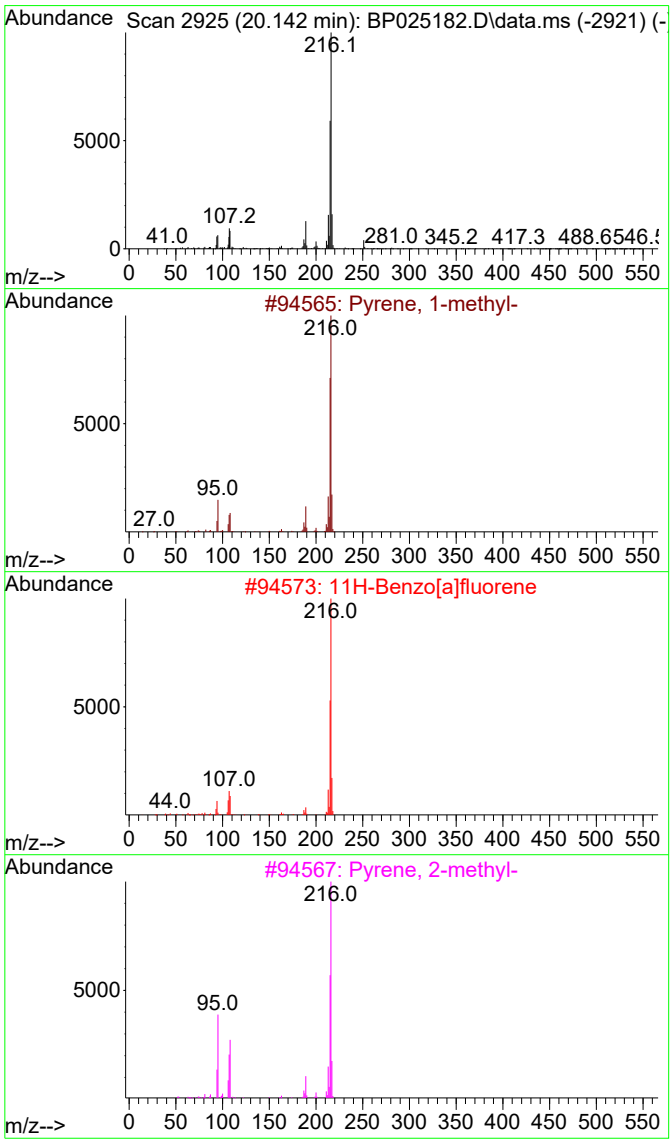
Quant Title :

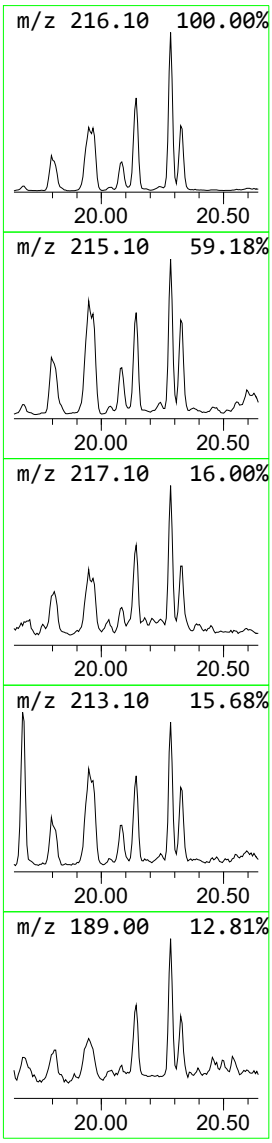
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.142	2.26 ng	1249990	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

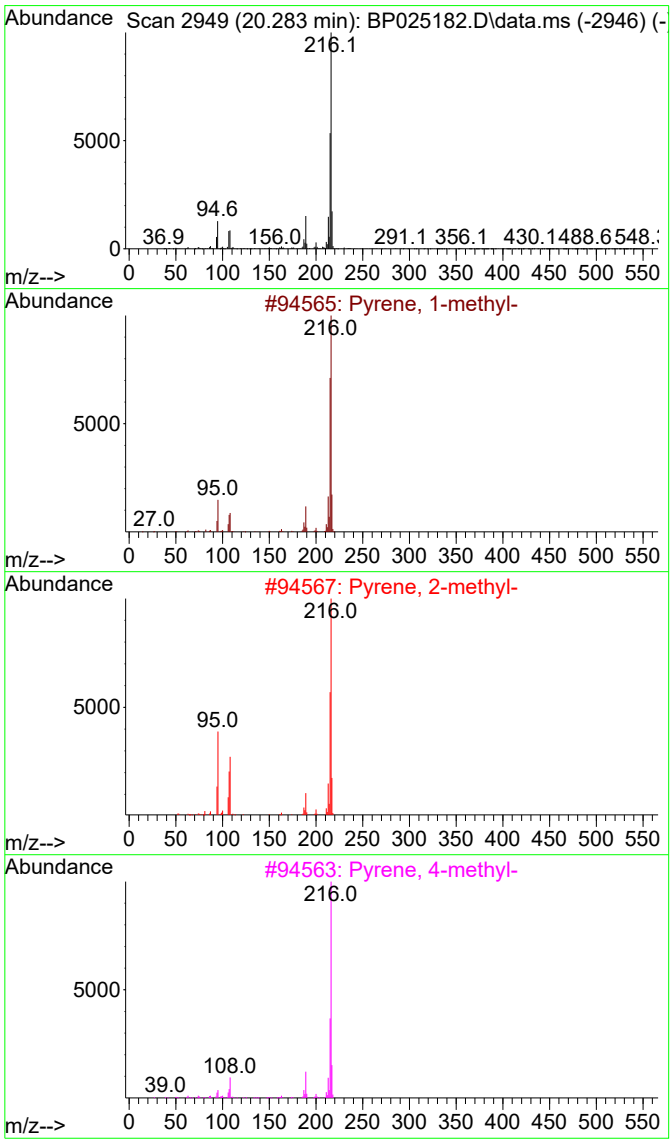
Quant Title :

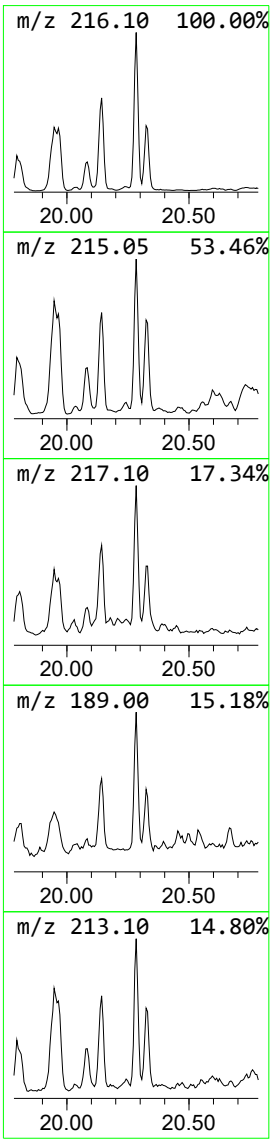
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.283	2.56 ng	1417580	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

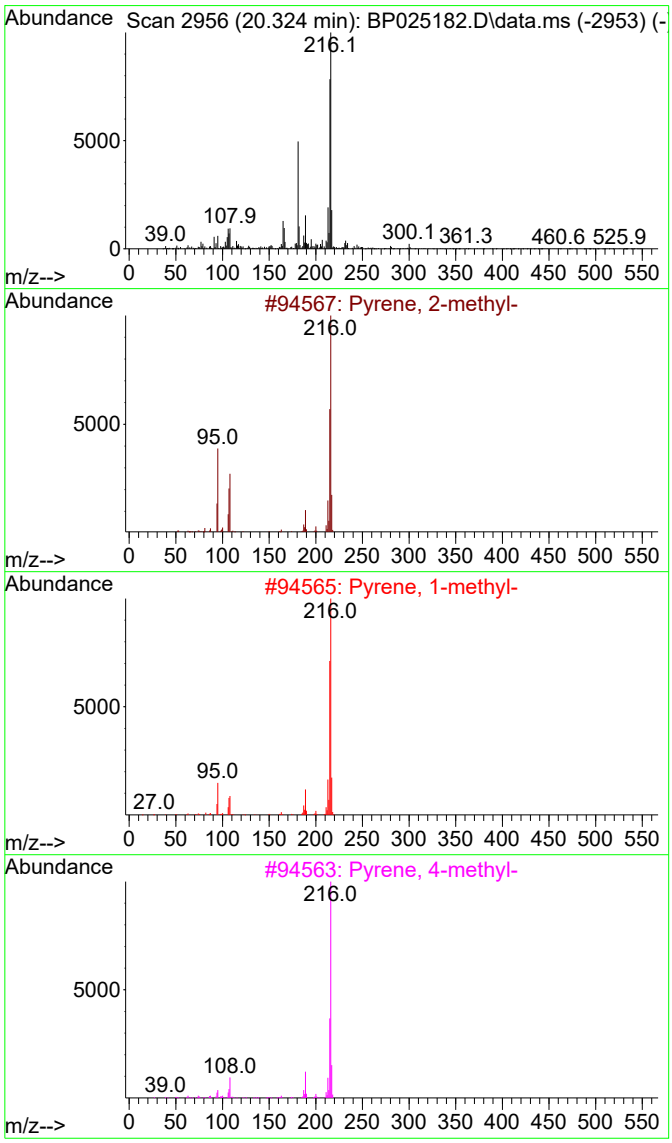
Quant Title :

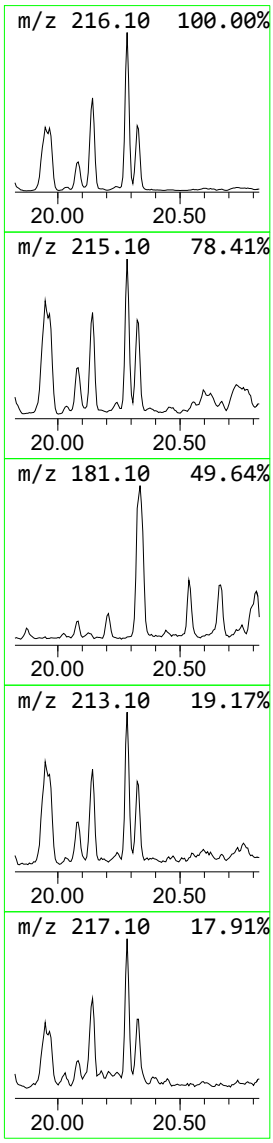
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.325	2.56 ng	1417250	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

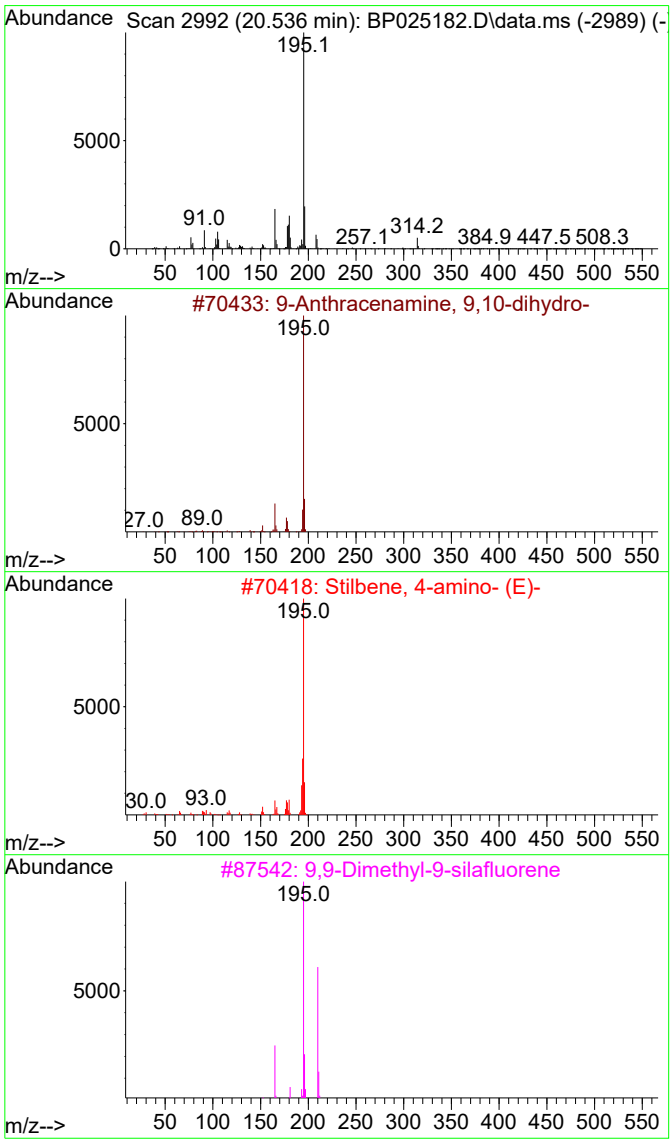
Quant Title :

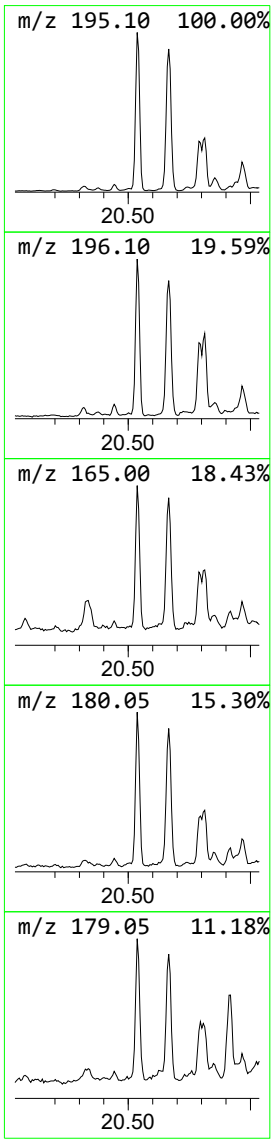
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Anthracenamine, 9,10-dihy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.536	5.18 ng	2866870	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	64
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	64
3	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	53
4	6-Methyl-4-phenyl-2-chromanone	238	C16H14O2	040546-94-9	50
5	Benzenamine, 4-methyl-N-(phenylm...	195	C14H13N	002272-45-9	50





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Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

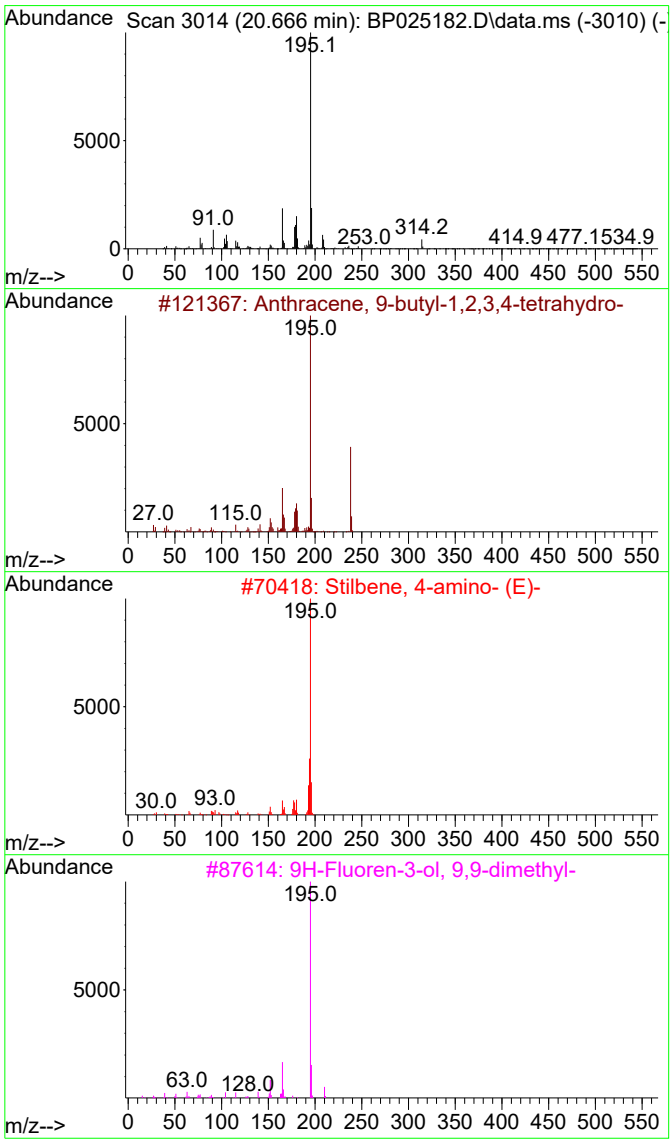
Quant Title :

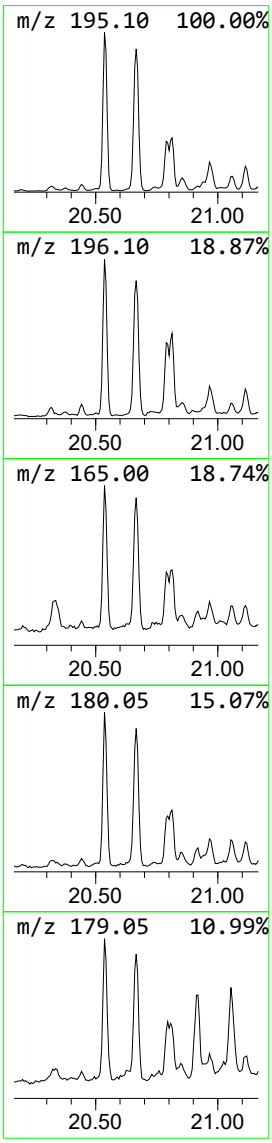
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 9-butyl-1,2,3,4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.666	5.32 ng	2942700	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1010151-39-2	78
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	72
3	9H-Fluoren-3-ol, 9,9-dimethyl-	210	C15H14O	1000141-55-1	50
4	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	50
5	Benzenamine, 4-methyl-N-(phenylm...	195	C14H13N	002272-45-9	50





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Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

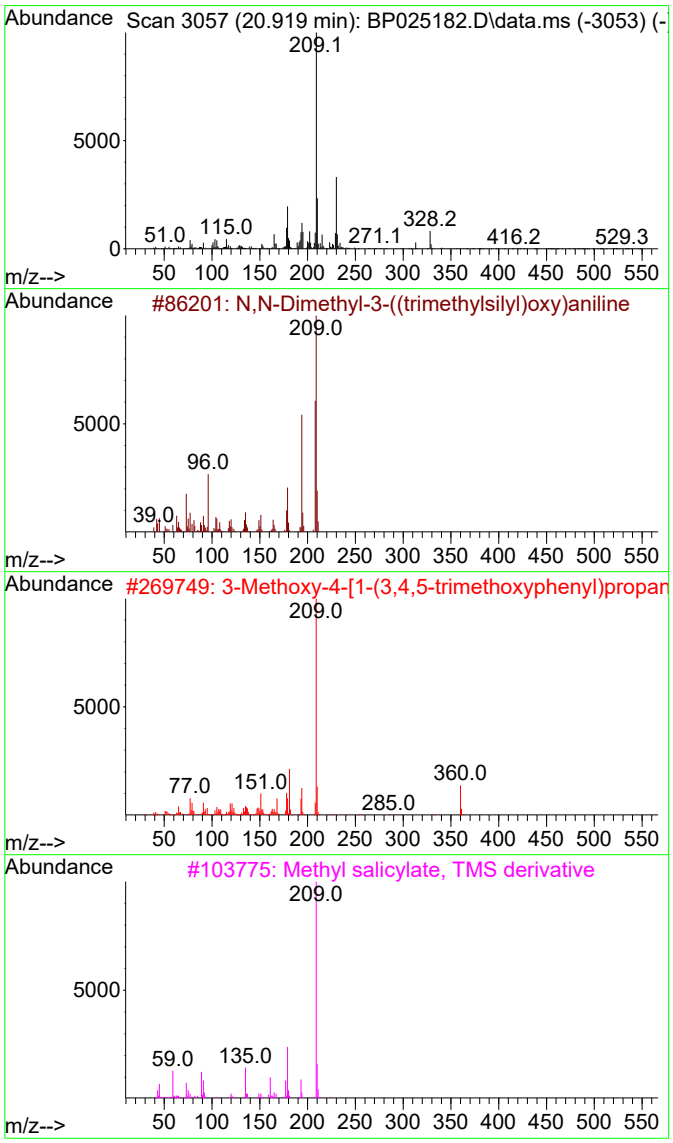
Quant Title :

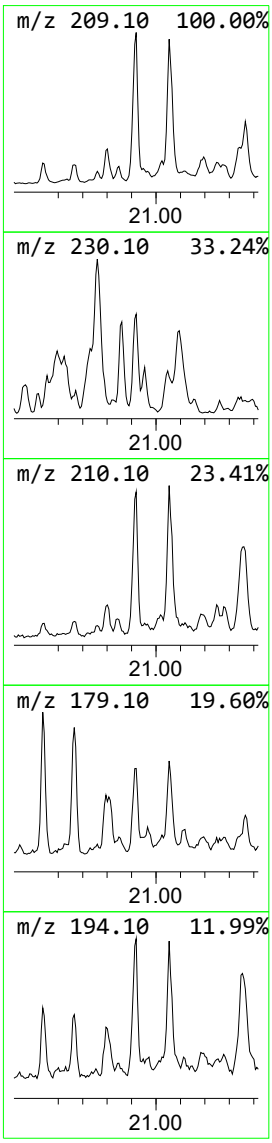
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 N,N-Dimethyl-3-((trimethyls... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.919	2.51 ng	1389000	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyl-3-((trimethylsilyl)...	209	C11H19NOSi	1000473-68-2	64
2	3-Methoxy-4-[1-(3,4,5-trimethoxy...	360	C20H24O6	1235294-72-0	50
3	Methyl salicylate, TMS derivative	224	C11H16O3Si	018001-14-4	50
4	9-Acridinecarboxylic acid, 1,2,3...	375	C23H21NO4	1000337-69-1	43
5	Benzonitrile, 3-amino-4-(phenyla...	209	C13H11N3	1000317-30-9	43





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

Quant Title :

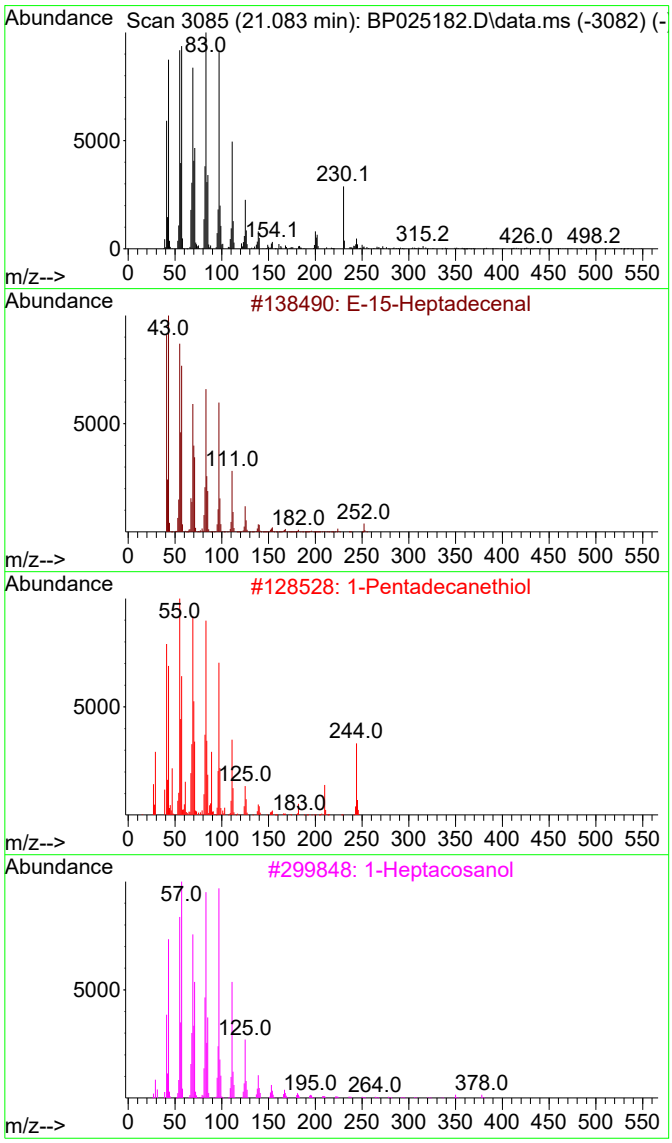
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

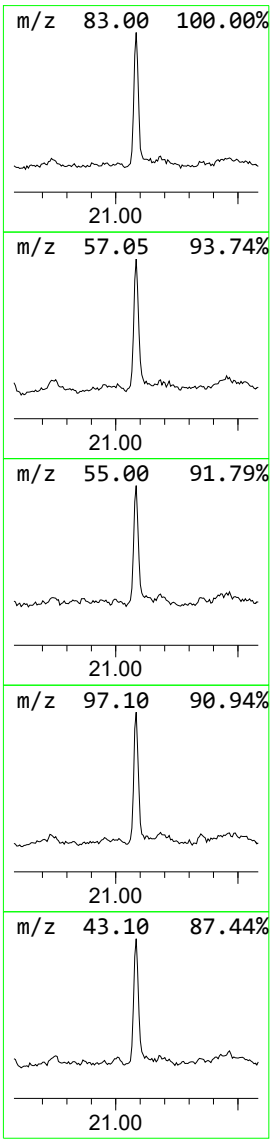
****

Peak Number 19 E-15-Heptadecenal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.083	2.68 ng	1480840	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	1-Pentadecanethiol	244	C15H32S	025276-70-4	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

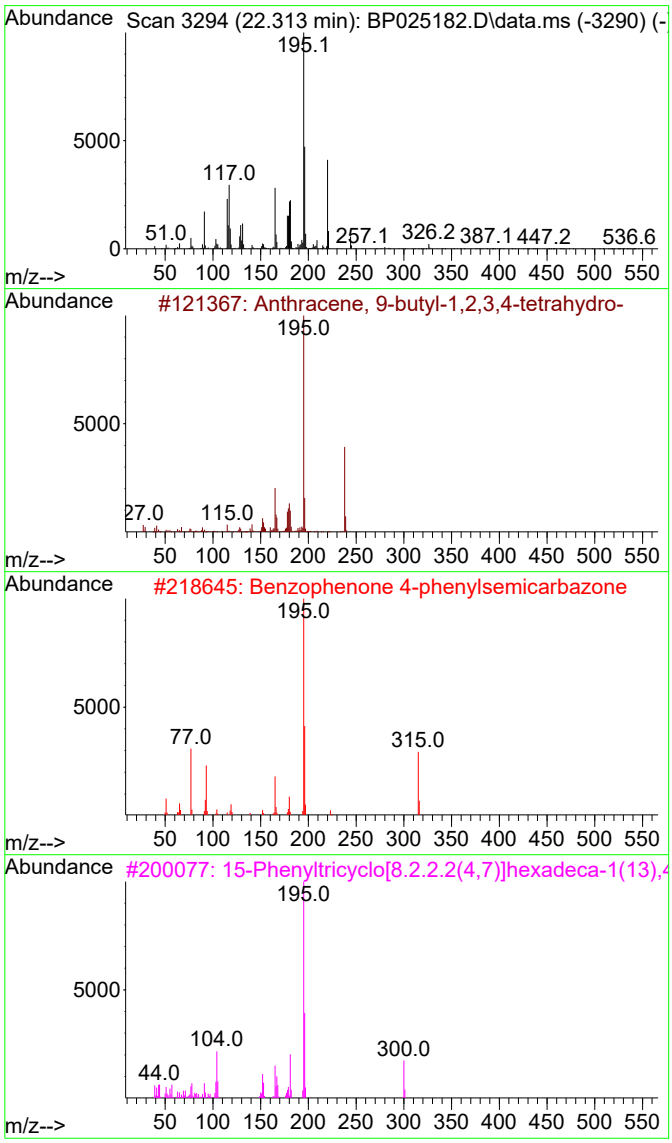
Quant Title :

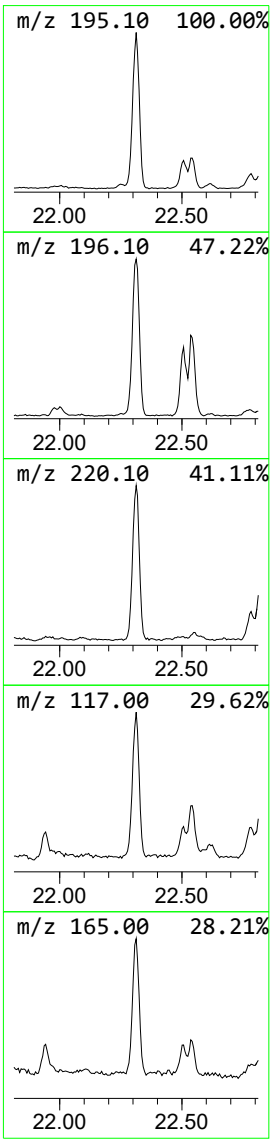
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 unknown22.313 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.313	4.64 ng	2565520	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1010151-39-2	38
2	Benzophenone 4-phenylsemicarbazone	315	C20H17N3O	003043-79-6	38
3	15-Phenyltricyclo[8.2.2.2(4,7)]h...	300	C22H20O	1000306-65-7	38
4	Pyridine, 2-[2-(4-aminophenyl)et...	196	C13H12N2	001694-46-8	37
5	Isopropyl 3,5-dinitrobenzoate	254	C10H10N2O6	1000373-87-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025182.D
Acq On : 17 Jul 2025 17:44
Operator : CG/JU
Sample : Q2612-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525

Quant Title :

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2-Pentanone, 4-...	4.655	6.7	ng	876898	1	7.437	2611290	20.0
Benzophenone	15.501	7.6	ng	1946060	3	14.101	5092560	20.0
2,4,2',4'-Tetra...	15.878	5.1	ng	1594320	4	16.919	6200110	20.0
2,4-Dimethylcar...	16.425	4.8	ng	1493720	4	16.919	6200110	20.0
benzene, 1,1'-(...	16.489	2.7	ng	831090	4	16.919	6200110	20.0
unknown16.648	16.648	2.6	ng	800110	4	16.919	6200110	20.0
Carbazole, 1,5,...	16.707	6.7	ng	2087530	4	16.919	6200110	20.0
Carbazole, 2,4,...	17.148	4.5	ng	1409930	4	16.919	6200110	20.0
Benzene, 1,1'-e...	17.225	5.5	ng	1706010	4	16.919	6200110	20.0
n-Hexadecanoic ...	17.907	7.9	ng	2461270	4	16.919	6200110	20.0
4H-Cyclopenta[d...	18.025	3.0	ng	914028	4	16.919	6200110	20.0
Phenanthrene, 2...	18.801	2.7	ng	838596	4	16.919	6200110	20.0
Pyrene, 1-methyl-	20.142	2.3	ng	1249990	5	21.348	11066900	20.0
Pyrene, 2-methyl-	20.283	2.6	ng	1417580	5	21.348	11066900	20.0
Pyrene, 4-methyl-	20.325	2.6	ng	1417250	5	21.348	11066900	20.0
9-Anthracenamin...	20.536	5.2	ng	2866870	5	21.348	11066900	20.0
Anthracene, 9-b...	20.666	5.3	ng	2942700	5	21.348	11066900	20.0
N,N-Dimethyl-3-...	20.919	2.5	ng	1389000	5	21.348	11066900	20.0
E-15-Heptadecenal	21.083	2.7	ng	1480840	5	21.348	11066900	20.0
unknown22.313	22.313	4.6	ng	2565520	5	21.348	11066900	20.0