LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

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_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.516	46	55	64	rVB2	11970	27127	1.15%	0.121%
2	5.104	484	495	506	rBV	155212	225793	9.55%	1.009%
3	5.510	558	564	569	rBV	1451376	1908627	80.73%	8.527%
4	6.516	729	735	745	rBV	1475421	1997053	84.47%	8.922%
5	6.892	794	799	804	rBV	583883	712185	30.12%	3.182%
6	6.969	806	812	817	rVB	321378	397406	16.81%	1.776%
7	7.451	888	894	905	rBV	949590	1291747	54.63%	5.771%
8	8.175	1005	1017	1024	rBV	693439	939176	39.72%	4.196%
9	8.763	1112	1117	1121	rBV	31837	39932	1.69%	0.178%
10	9.251	1195	1200	1209	rBV	1884905	2364331	100.00%	10.563%
11	9.328	1209	1213	1219	rVB	21121	28246	1.19%	0.126%
12	9.933	1311	1316	1329	rVB	808971	1002964	42.42%	4.481%
13	10.645	1432	1437	1445	rBV	260533	320857	13.57%	1.434%
14	10.722	1445	1450	1461	rBV	1083998	1385821	58.61%	6.192%
15	11.422	1564	1569	1577	rBV	647965	840440	35.55%	3.755%
16	11.945	1652	1658	1666	rBV	97357	163227	6.90%	0.729%
17	12.174	1692	1697	1708	rVB	120372	167319	7.08%	0.748%
18	12.298	1711	1718	1722	rBV2	39572	67788	2.87%	0.303%
19	12.369	1725	1730	1735	rVV	1044997	1292354	54.66%	5.774%
20	12.639	1771	1776	1778	rBV	21455	26457	1.12%	0.118%
21	12.674	1778	1782	1787	rVV	424890	544074	23.01%	2.431%
22	12.733	1787	1792	1802	rVV2	18530	34092	1.44%	0.152%
23	12.868	1810	1815	1818	rBV	19316	26764	1.13%	0.120%
24	13.010	1833	1839	1847	rVB	1074751	1416258	59.90%	6.328%
25	13.145	1857	1862	1867	rBV	549856	680169	28.77%	3.039%
26	13.233	1870	1877	1881	rVB2	11839	25670	1.09%	0.115%
27	13.751	1959	1965	1967	rBV4	19520	38814	1.64%	0.173%
28	13.839	1975	1980	1986	rVB	62782	89310	3.78%	0.399%
29	13.904	1986	1991	1997	rBV	180871	312479	13.22%	1.396%
30	14.063	2010	2018	2025	rBV	452699	651181	27.54%	2.909%
31	14.239	2042	2048	2058	rVB4	36282	76781	3.25%	0.343%
32	14.345	2063	2066	2076	rVB2	23182	32674	1.38%	0.146%
33	14.545	2093	2100	2105	rBV3	316705	623758	26.38%	2.787%
34	14.598	2105	2109	2116	rVB2	102583	169452	7.17%	0.757%
35	14.751	2131	2135	2146	rBV3	23478	50012	2.12%	0.223%
36	14.868	2147	2155	2161	rBV2	43818	92851	3.93%	0.415%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

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_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.992	2172	2176	2184	rVB	24588	35875	1.52%	0.160%
38	15.192	2205	2210	2212	rBV	52651	86813	3.67%	0.388%
39	15.221	2212	2215	2221	rVB	115287	182739	7.73%	0.816%
40	15.562	2266	2273	2281	rBV	445083	748294	31.65%	3.343%
41	15.792	2307	2312	2319	rBV	24987	49399	2.09%	0.221%
42	16.033	2348	2353	2358	rVV	45714	76140	3.22%	0.340%
43	16.092	2358	2363	2369	rVV2	32785	75154	3.18%	0.336%
44	16.156	2371	2374	2380	rVB3	24332	38762	1.64%	0.173%
45	16.239	2384	2388	2392	rBV3	21884	36911	1.56%	0.165%
46	16.856	2490	2493	2502	rVB8	16816	30377	1.28%	0.136%
47	17.403	2580	2586	2597	rVB2	79745	192328	8.13%	0.859%
48	17.674	2626	2632	2641	rBV6	45048	141854	6.00%	0.634%
49	17.762	2642	2647	2658	rVB7	36843	109288	4.62%	0.488%
50	18.021	2684	2691	2699	rBV4	43179	127702	5.40%	0.571%
51	18.274	2725	2734	2751	rVB2	124260	387620	16.39%	1.732%

Sum of corrected areas: 22382445

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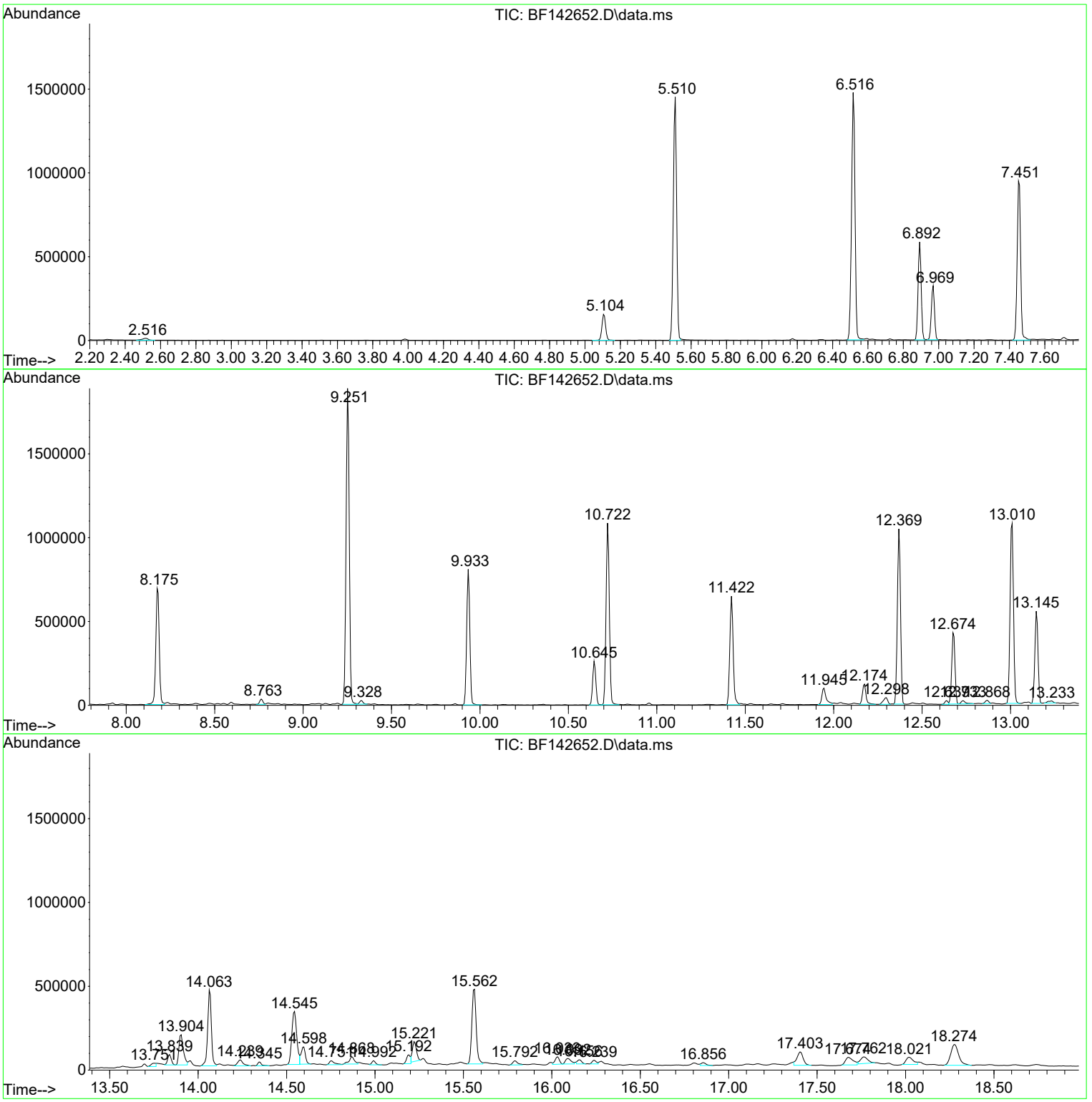
Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

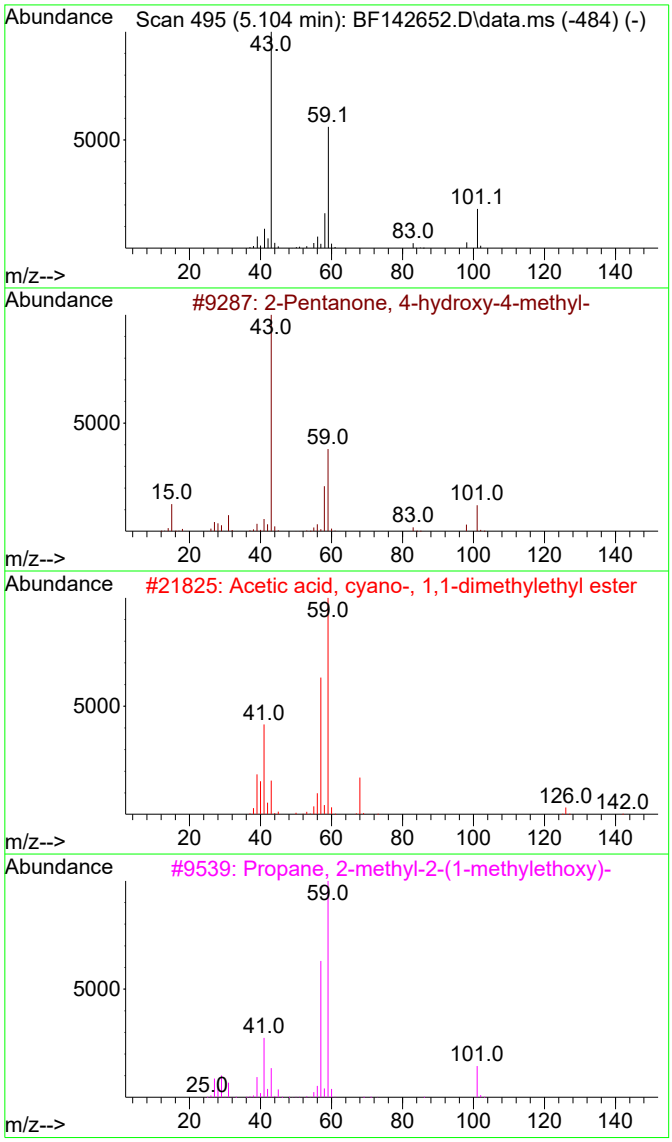
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

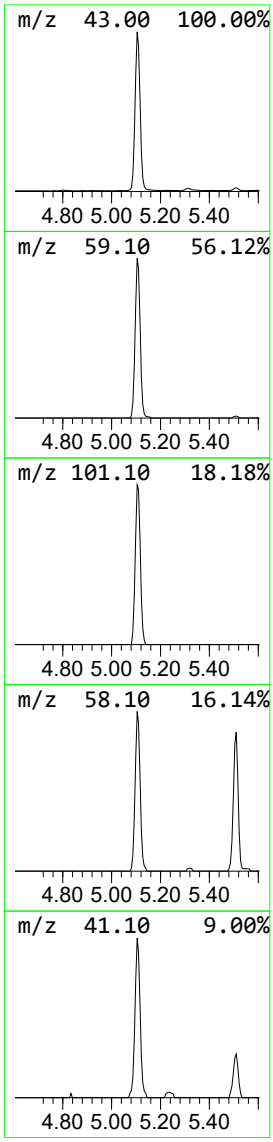
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	6.34 ng	225793	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
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Operator : RC/JU
Sample : Q2177-04
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

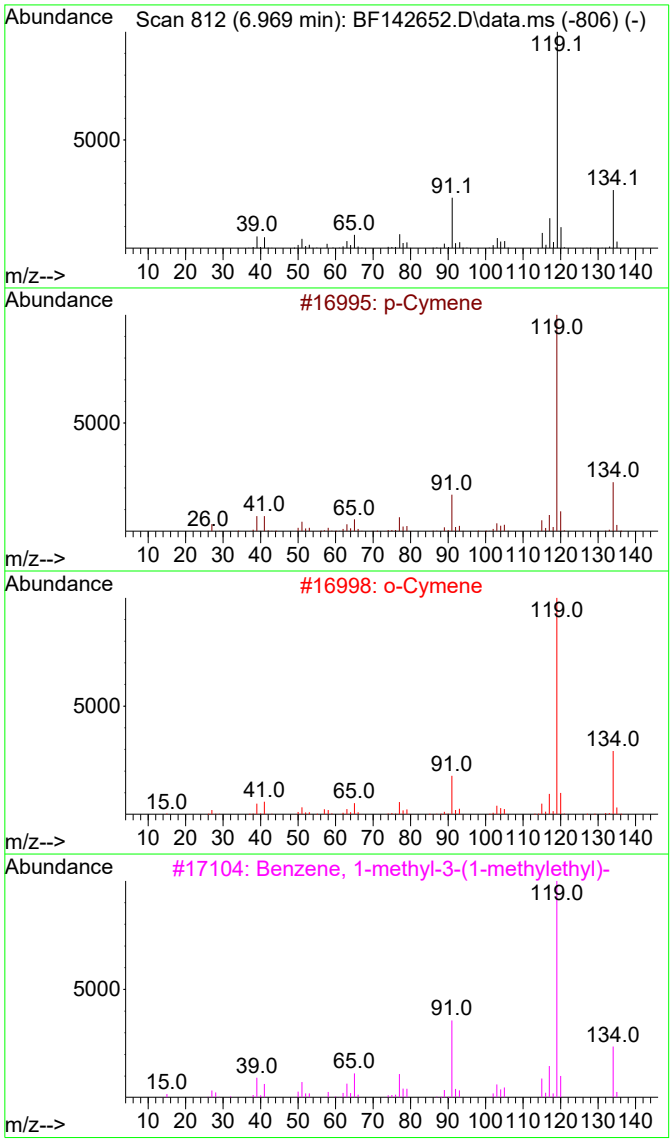
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

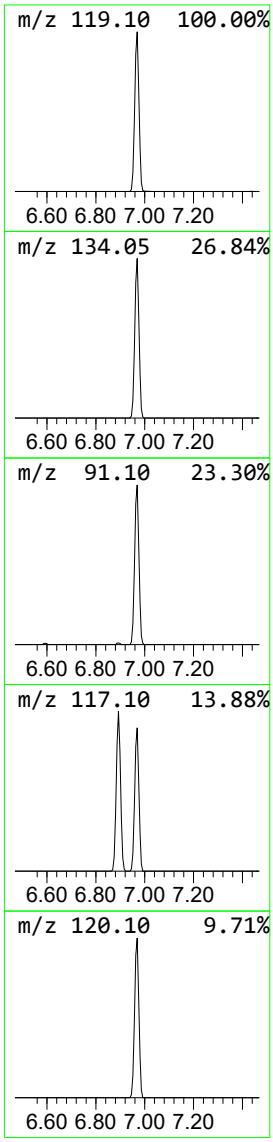
****

Peak Number 2 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	11.16 ng	397406	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

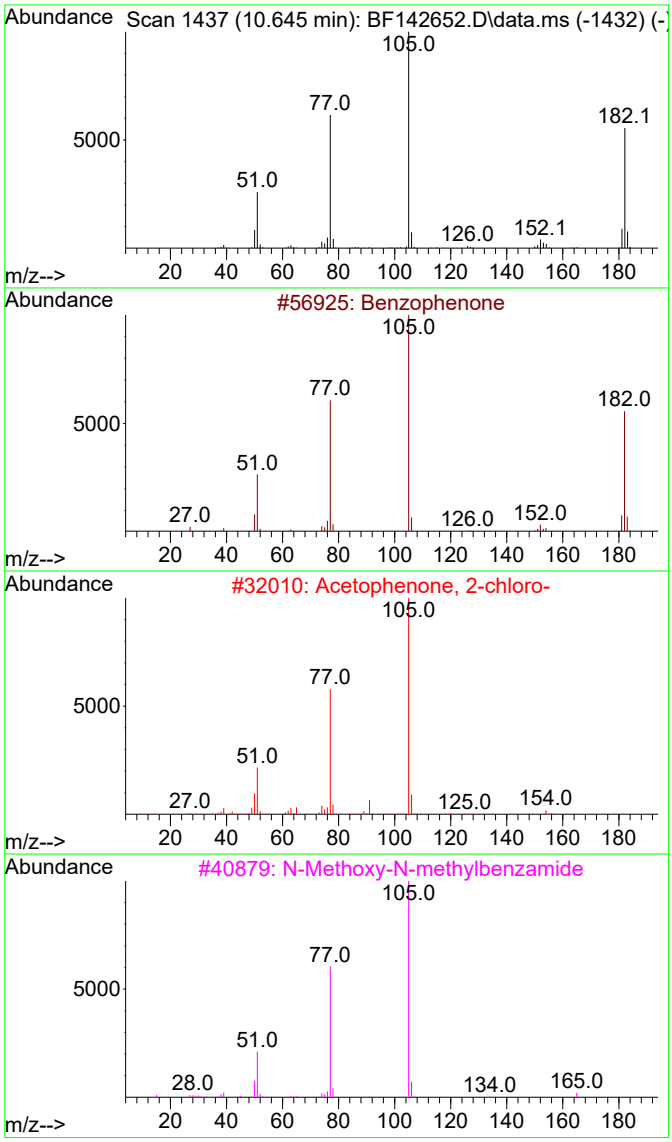
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

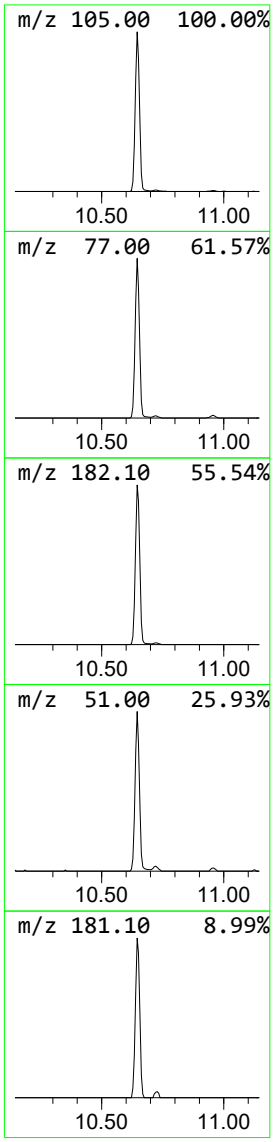
****

Peak Number 3 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	6.40 ng	320857	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

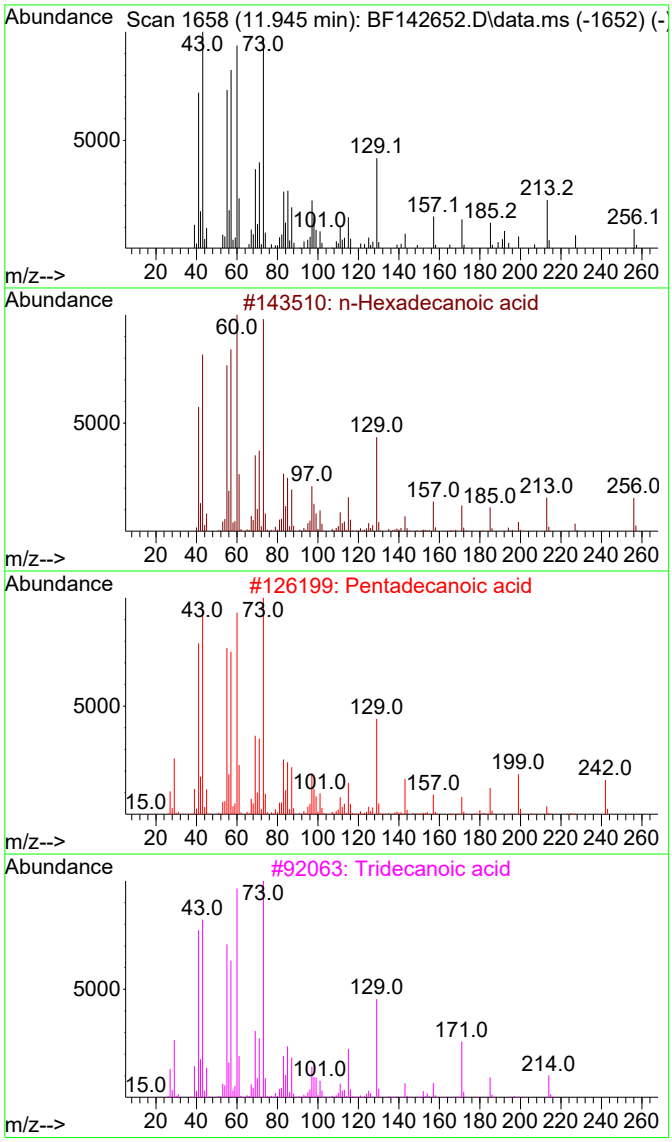
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

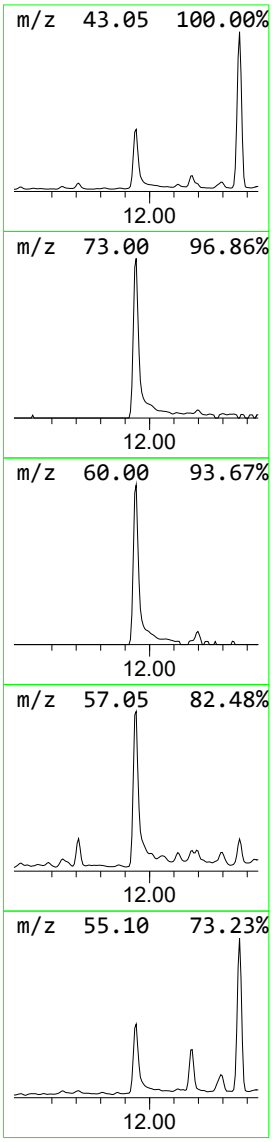
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.88 ng	163227	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

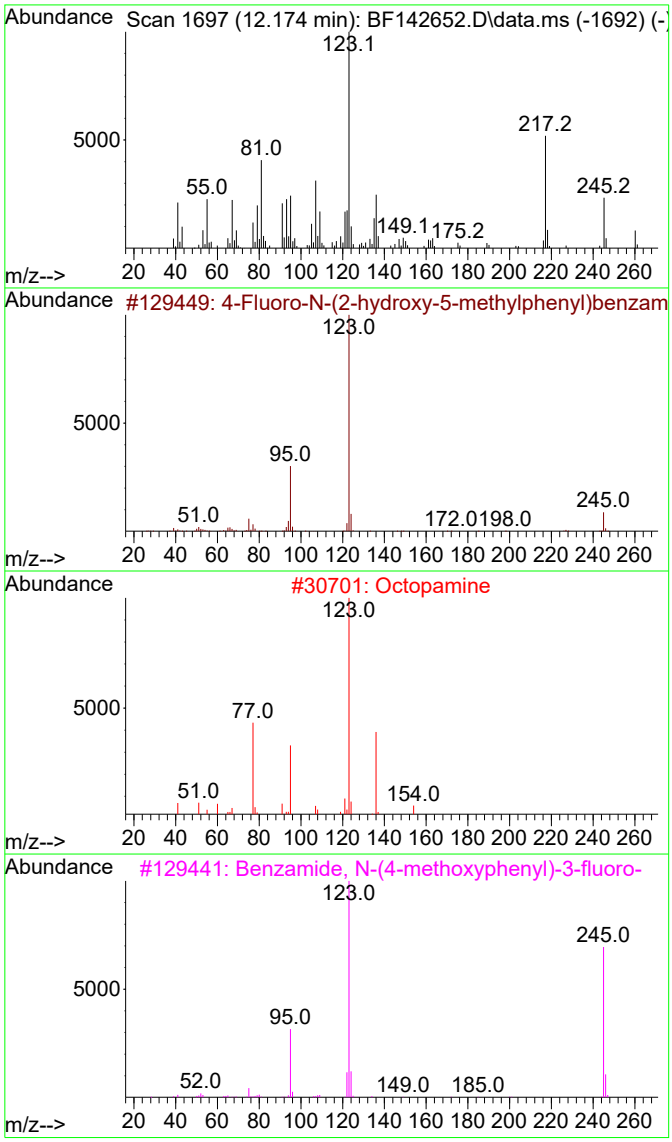
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

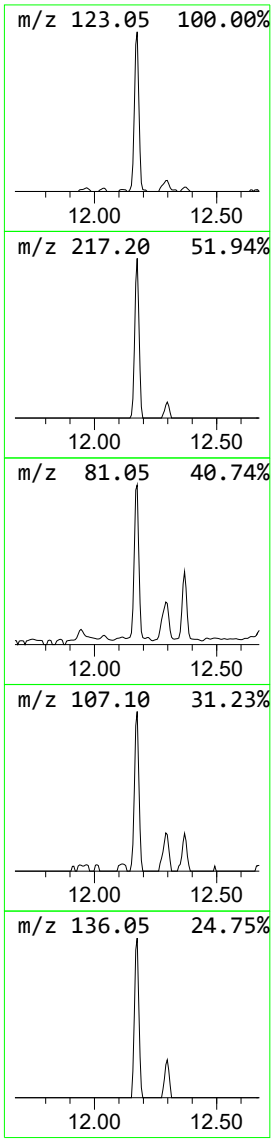
****

Peak Number 5 unknown12.174 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	3.98 ng	167319	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-N-(2-hydroxy-5-methylph...	245	C14H12FNO2	402588-02-7	46
2	Octopamine	153	C8H11NO2	000104-14-3	43
3	Benzamide, N-(4-methoxyphenyl)-3...	245	C14H12FNO2	1000307-16-6	43
4	S-Bioallethrin	302	C19H26O3	028434-00-6	43
5	Cyclopropanecarboxylic acid, 2,2...	330	C21H30O3	004466-14-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
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BNA_F
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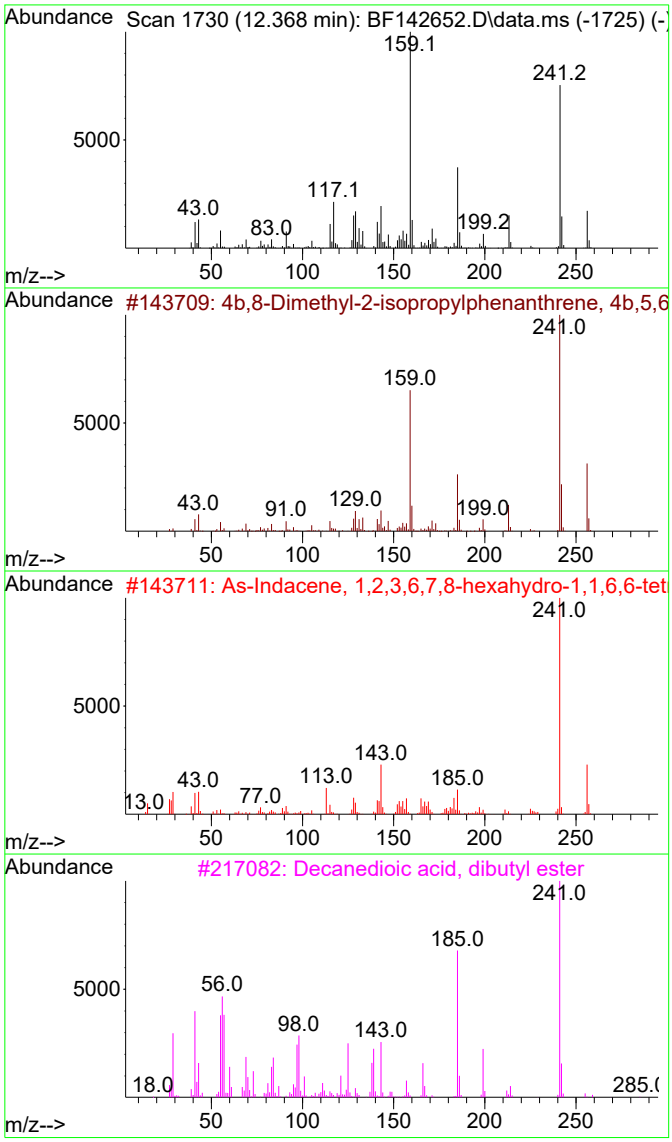
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

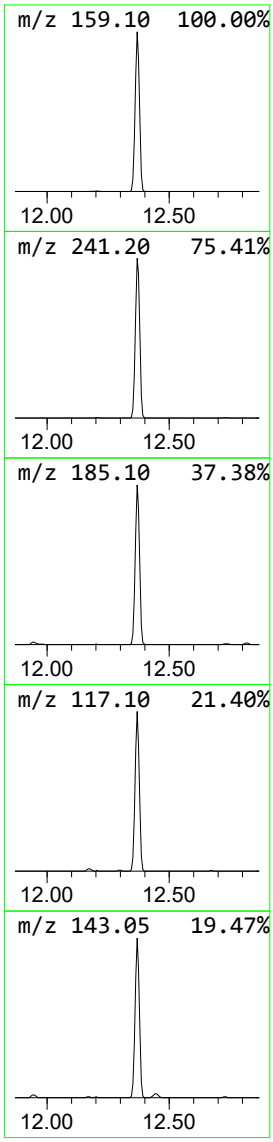
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	30.75 ng	1292350	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38
3	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	38
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	35
5	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	30





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Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

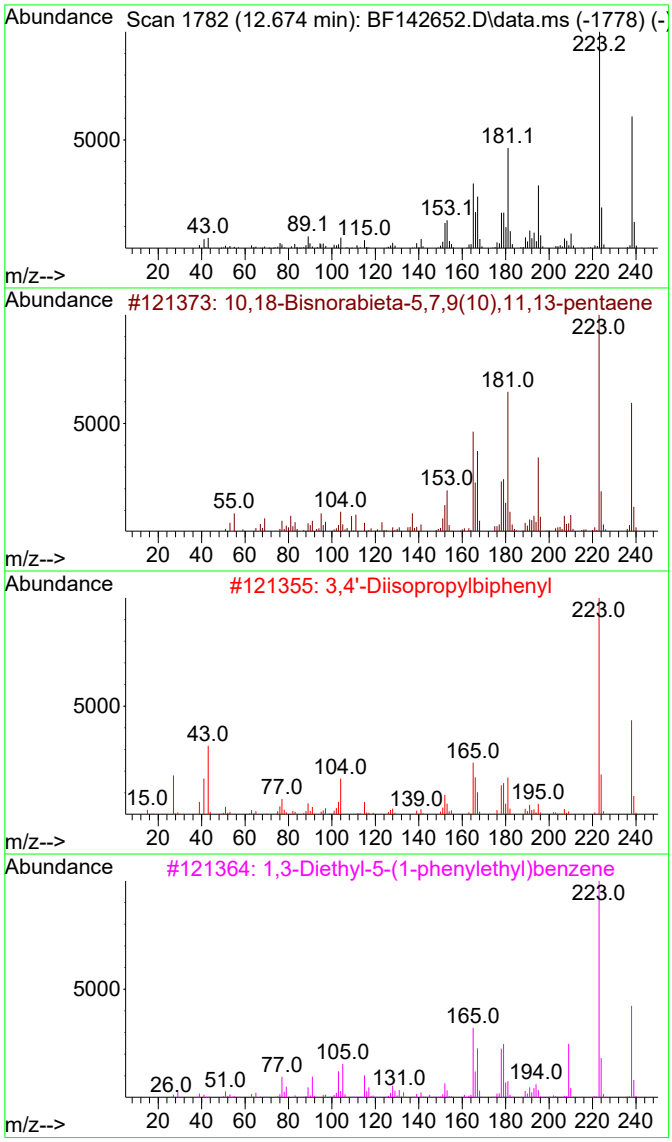
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

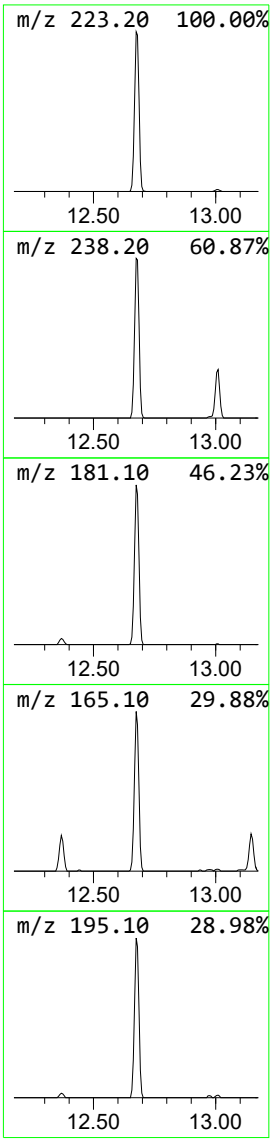
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.674	12.95 ng	544074	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	76
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	64
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

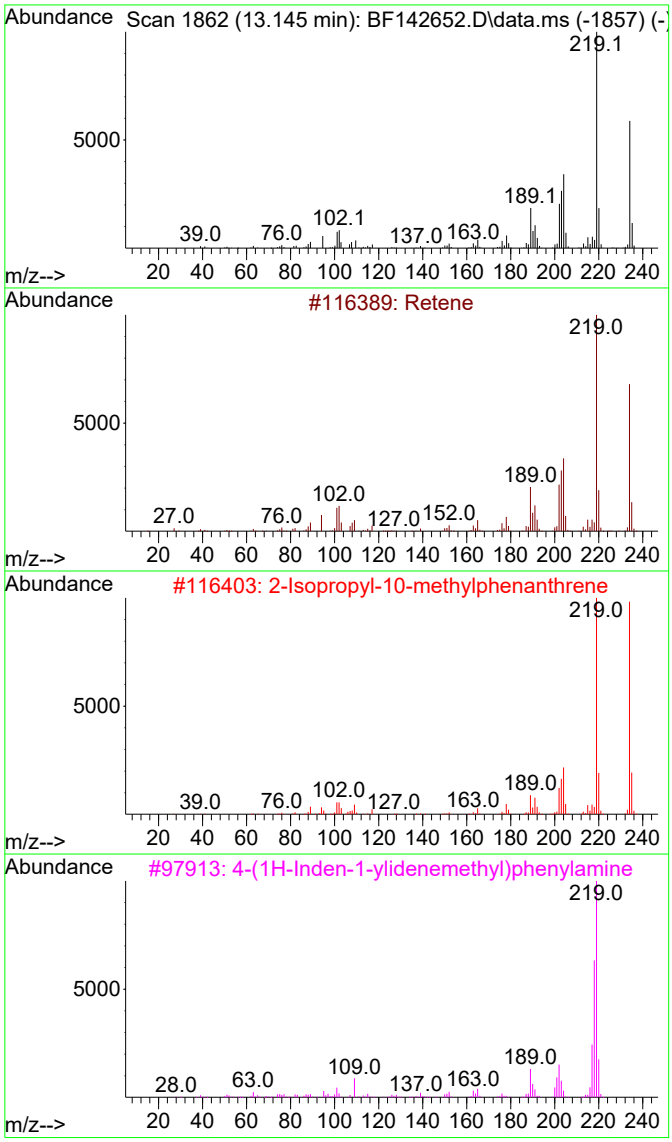
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

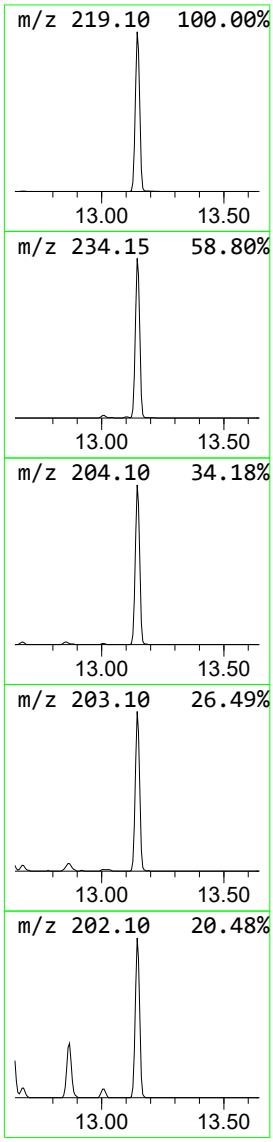
****

Peak Number 8 Retene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	20.89 ng	680169	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	4-(1H-Inden-1-ylidenemethyl)phen...	219	C16H13N	000487-61-6	55
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	52
5	1-Ethanone, 1-(4-amino-7-chloro-...	234	C12H11ClN2O	1010350-06-0	52





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Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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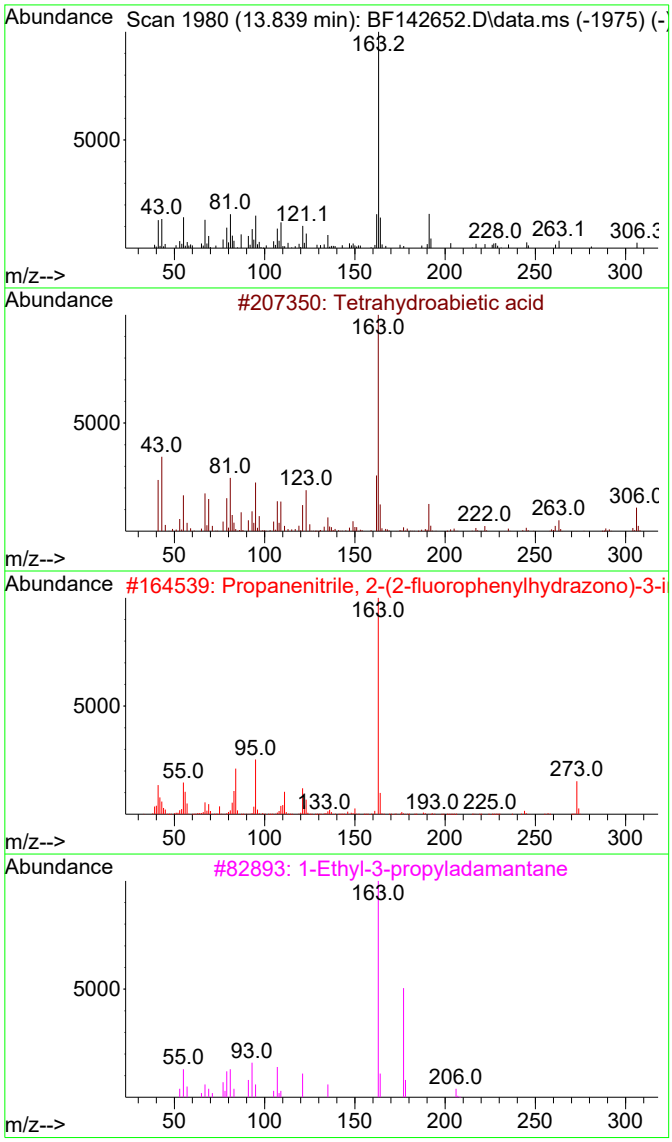
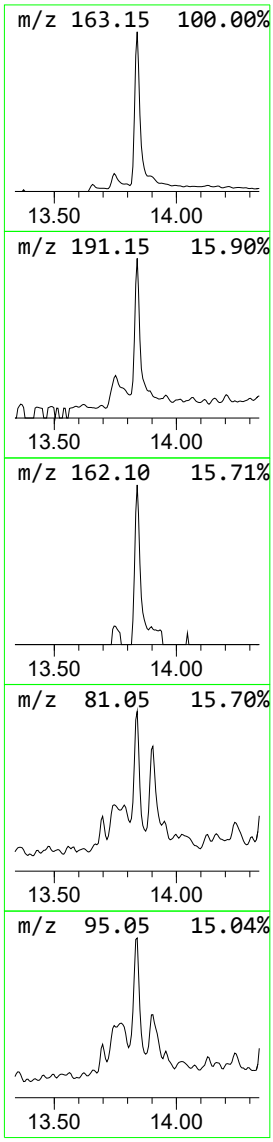
Peak Number 9 Tetrahydroabietic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	2.74 ng	89310	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydroabietic acid	306	C20H34O2	1000251-96-9	86
2	Propanenitrile, 2-(2-fluoropheny...	273	C14H16FN5	311323-02-1	53
3	1-Ethyl-3-propyladamantane	206	C15H26	019385-94-5	50
4	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	50
5	8-Fluoro-4-hydroxyquinoline	163	C9H6FNO	063010-71-9	50





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Sample : Q2177-04
Misc :
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Instrument :
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ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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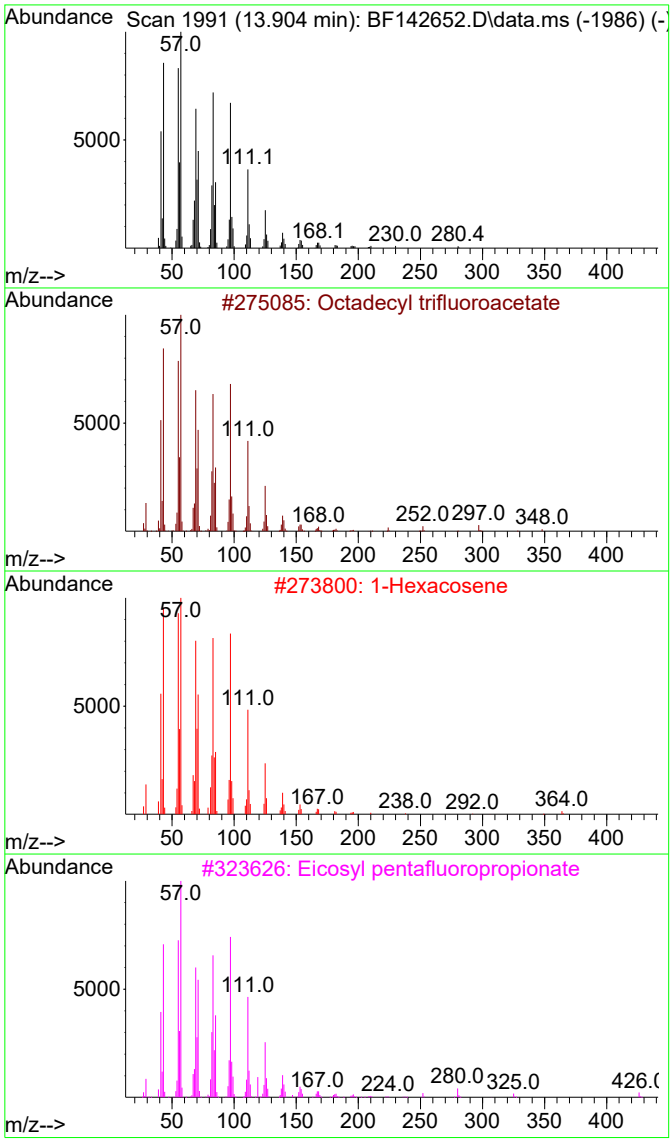
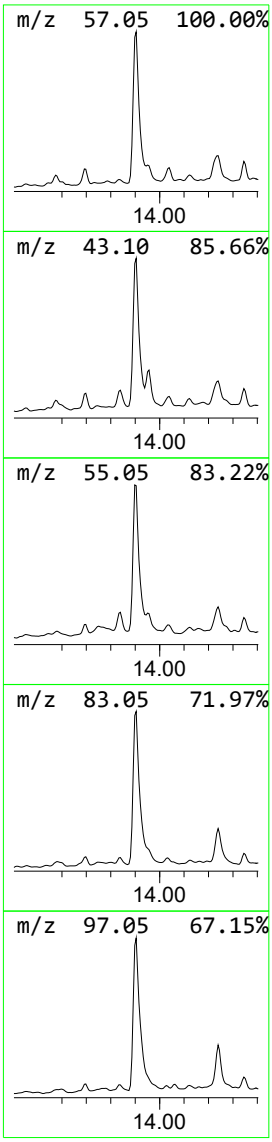
Peak Number 10 Octadecyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	9.60 ng	312479	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94





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Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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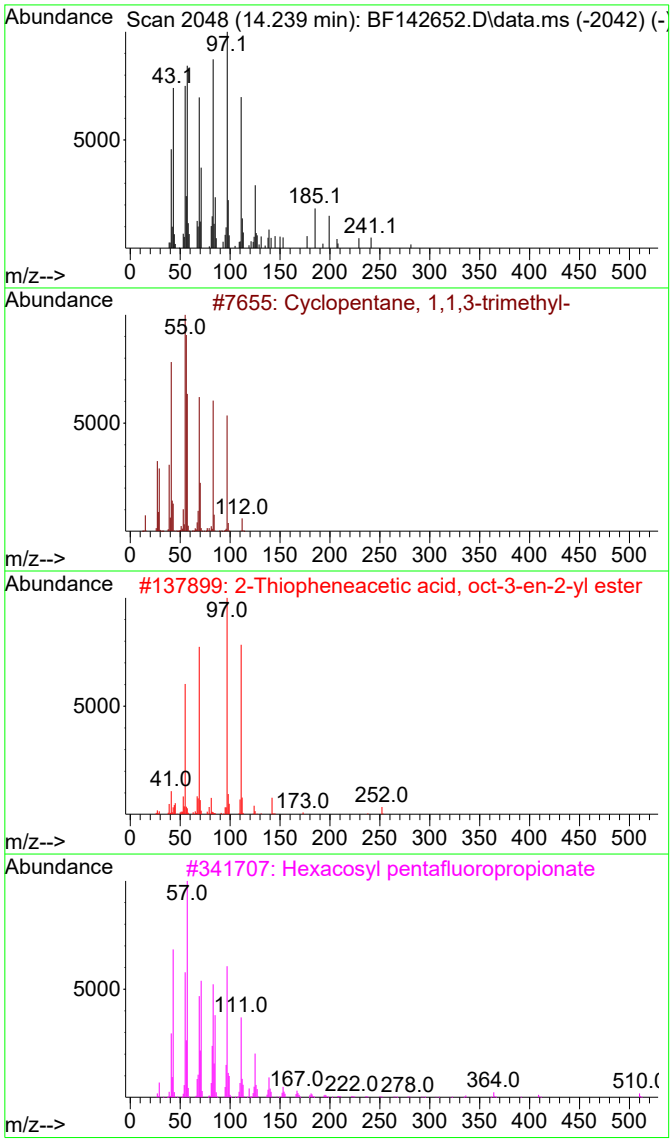
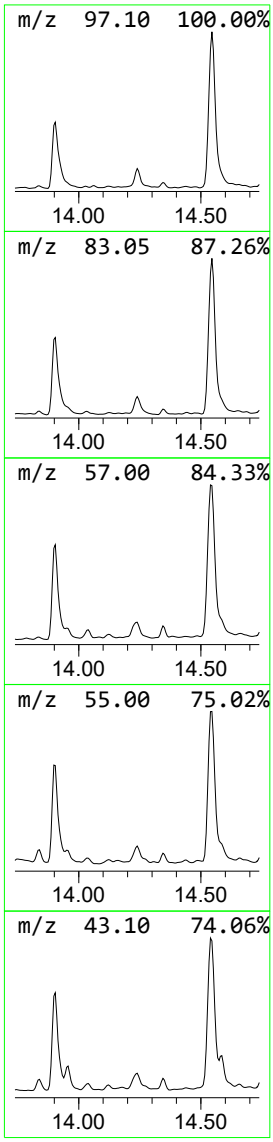
Peak Number 11 unknown14.239 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	2.36 ng	76781	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46
2	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1010299-38-6	38
3	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	25
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	25
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	25





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Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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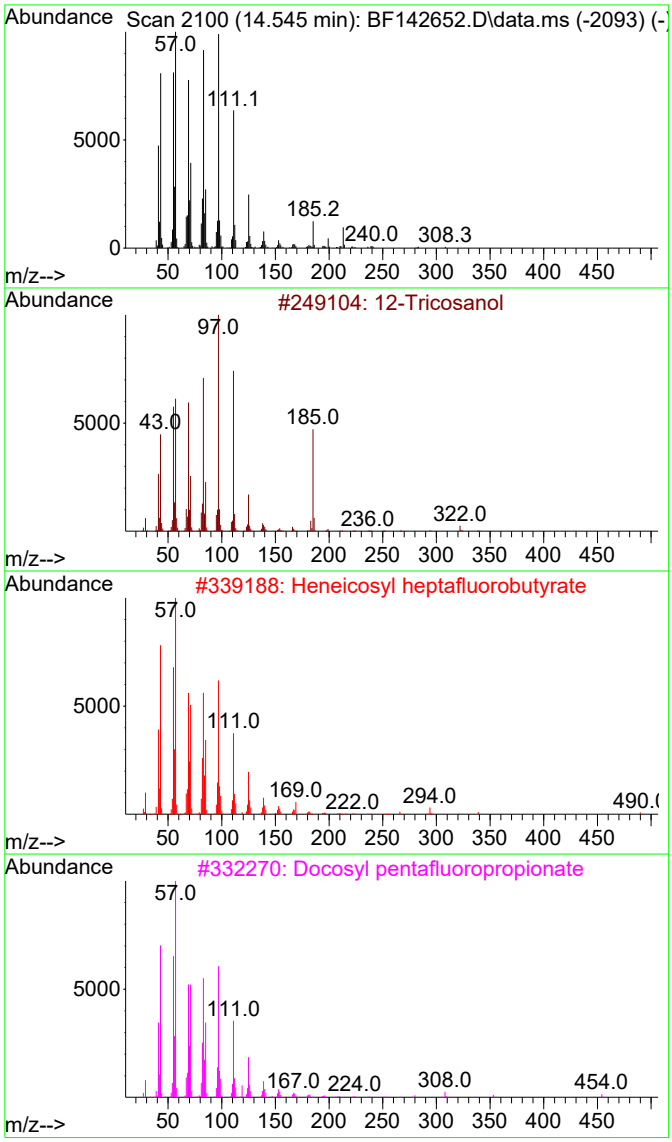
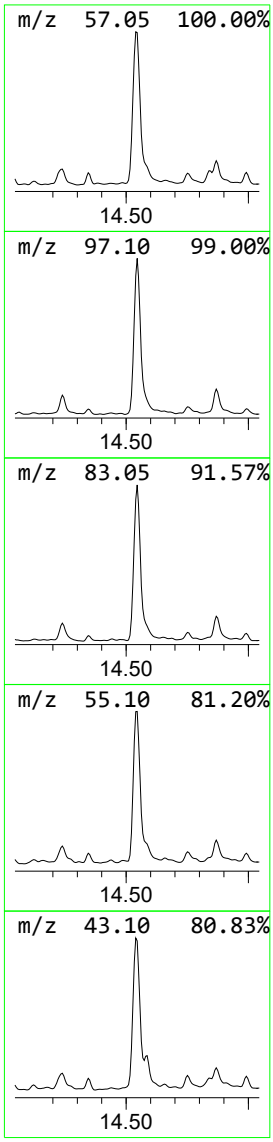
Peak Number 12 12-Tricosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	19.16 ng	623758	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Tricosanol	340	C23H48O	024897-74-3	58
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	46
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	46
4	Octacosanol	410	C28H58O	000557-61-9	46
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	42





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Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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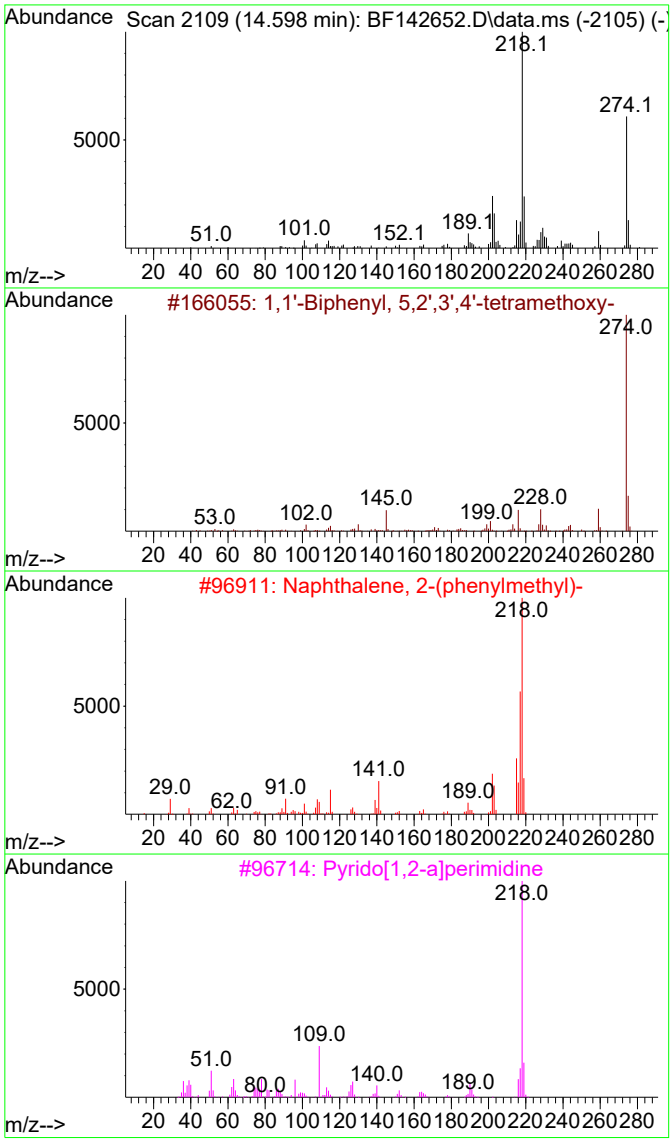
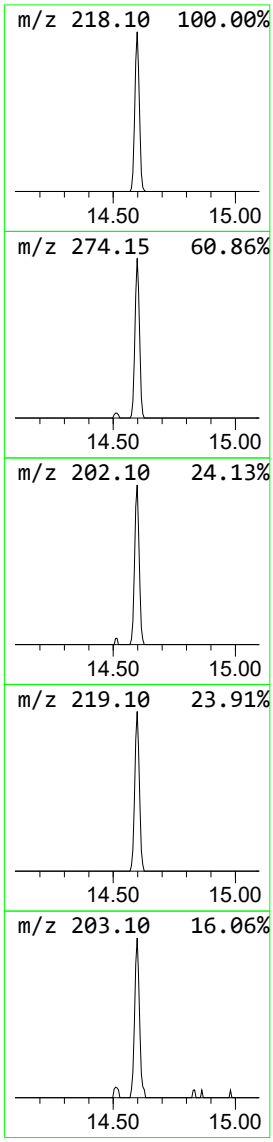
Peak Number 13 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	5.20 ng	169452	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	53
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
3	Pyrido[1,2-a]perimidine	218	C15H10N2	000200-42-0	43
4	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	43
5	1-Hydroxypyrene	218	C16H10O	005315-79-7	38





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

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

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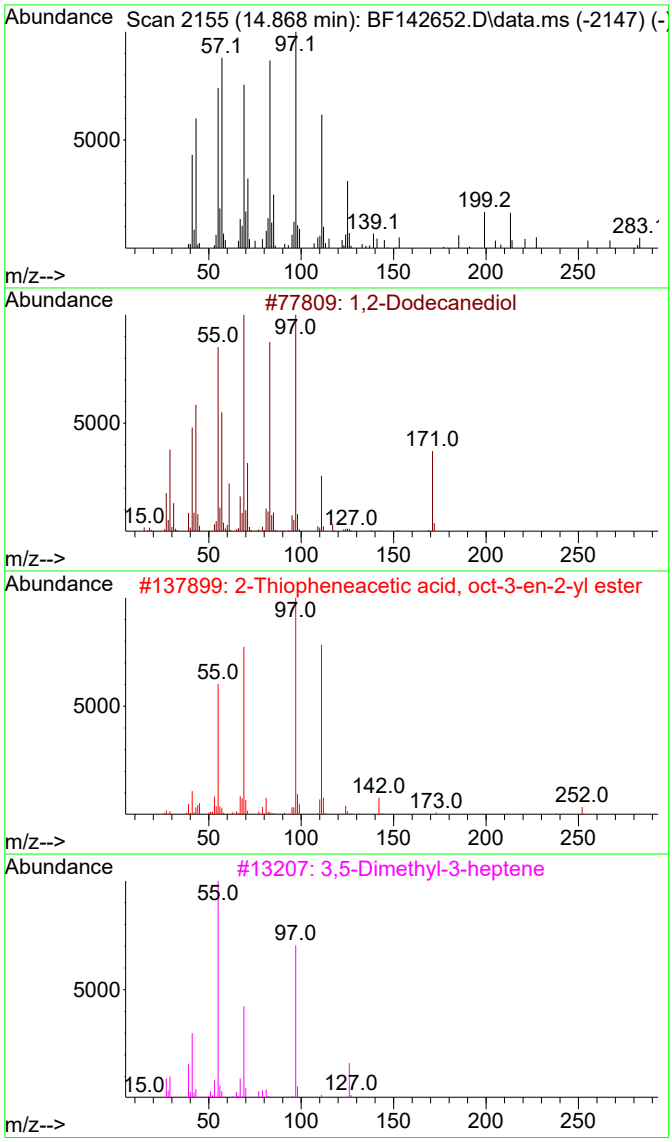
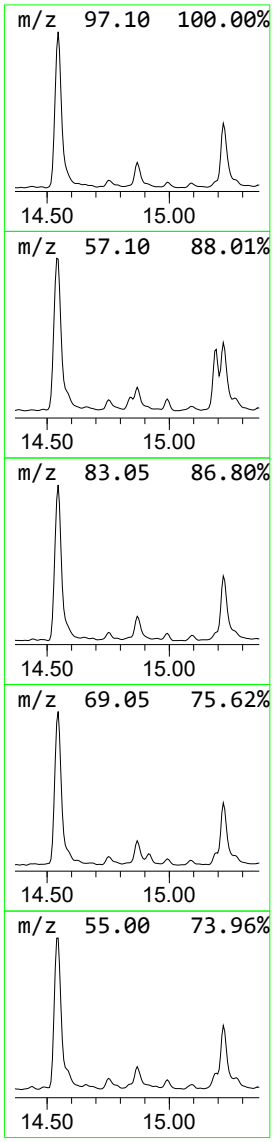
Peak Number 14 1,2-Dodecanediol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	2.48 ng	92851	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dodecanediol	202	C12H26O2	001119-87-5	64
2	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1010299-38-6	49
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	38
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	30
5	Octacosyl acetate	452	C30H60O2	018206-97-8	30





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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_F\Methods\8270-BF052025.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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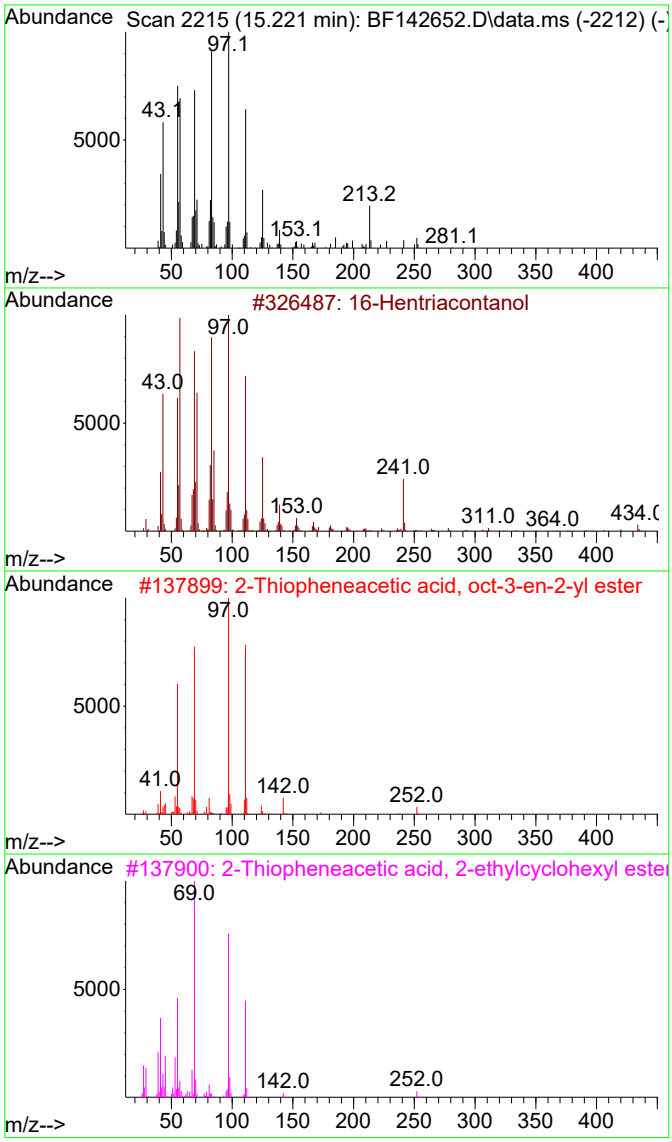
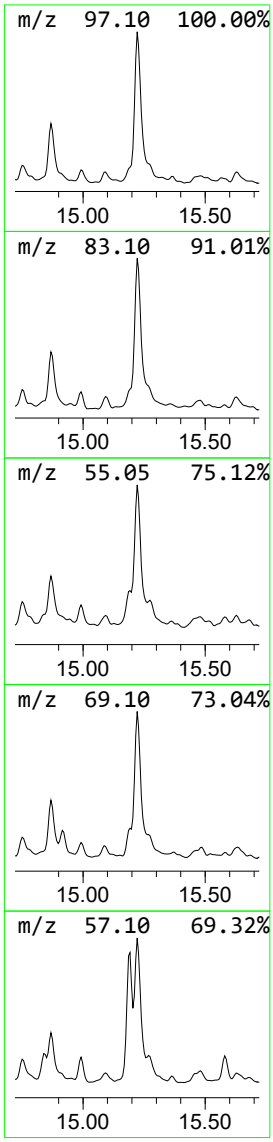
Peak Number 15 16-Hentriacontanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	4.88 ng	182739	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Hentriacontanol	452	C31H64O	001070-54-8	68
2	2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1010299-38-6	50
3	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	43
4	Triallylsilane	152	C9H16Si	001116-62-7	38
5	Cyclohexanecarboxylic acid, 3-tr...	310	C20H38O2	1000280-59-4	38





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Operator : RC/JU
Sample : Q2177-04
Misc :
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Instrument :
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ClientSampleId :
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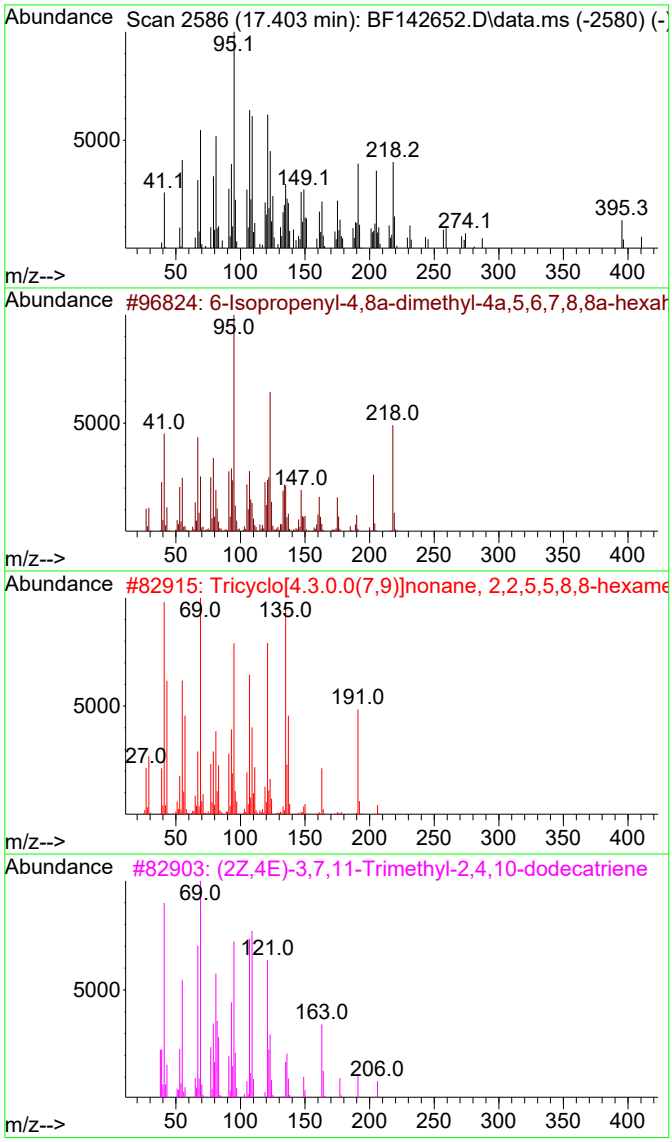
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

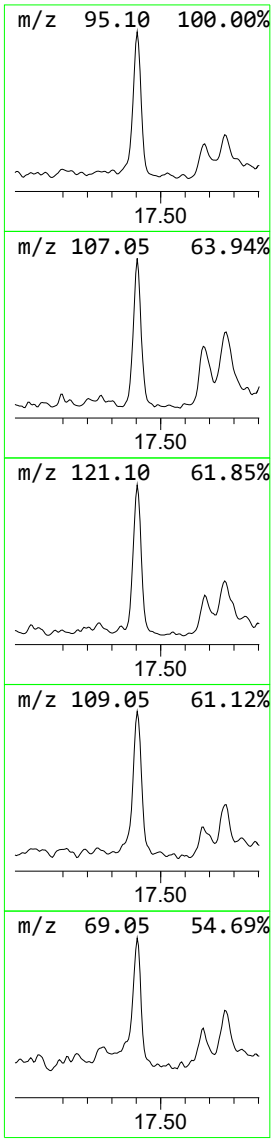
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 6-Isopropenyl-4,8a-dimethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	5.14 ng	192328	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	70
2	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	43
3	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	38
4	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	27
5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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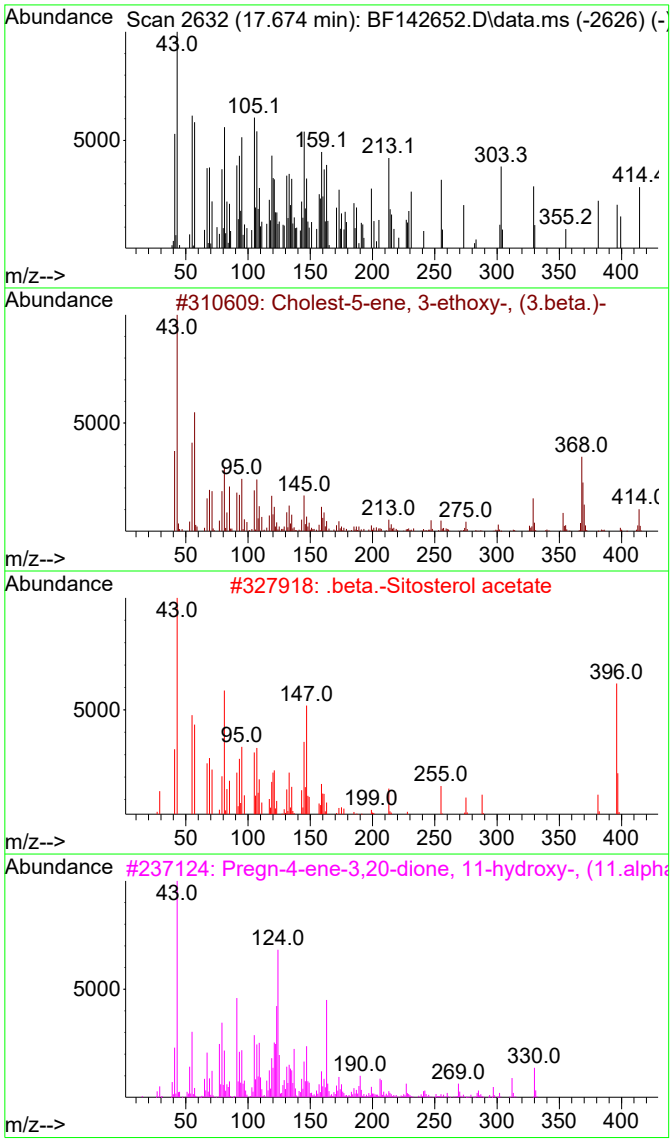
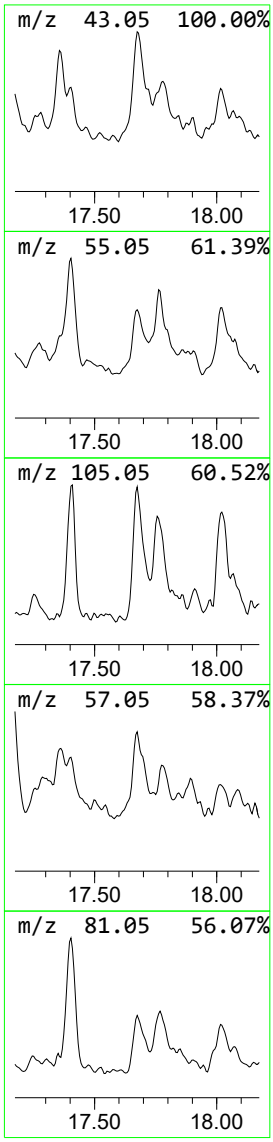
Peak Number 17 unknown17.674 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.674	3.79 ng	141854	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25
2	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	12
3	Pregn-4-ene-3,20-dione, 11-hydro...	330	C21H30O3	000080-75-1	10
4	Norflurazon	303	C12H9ClF3N3O	027314-13-2	10
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	10





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

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

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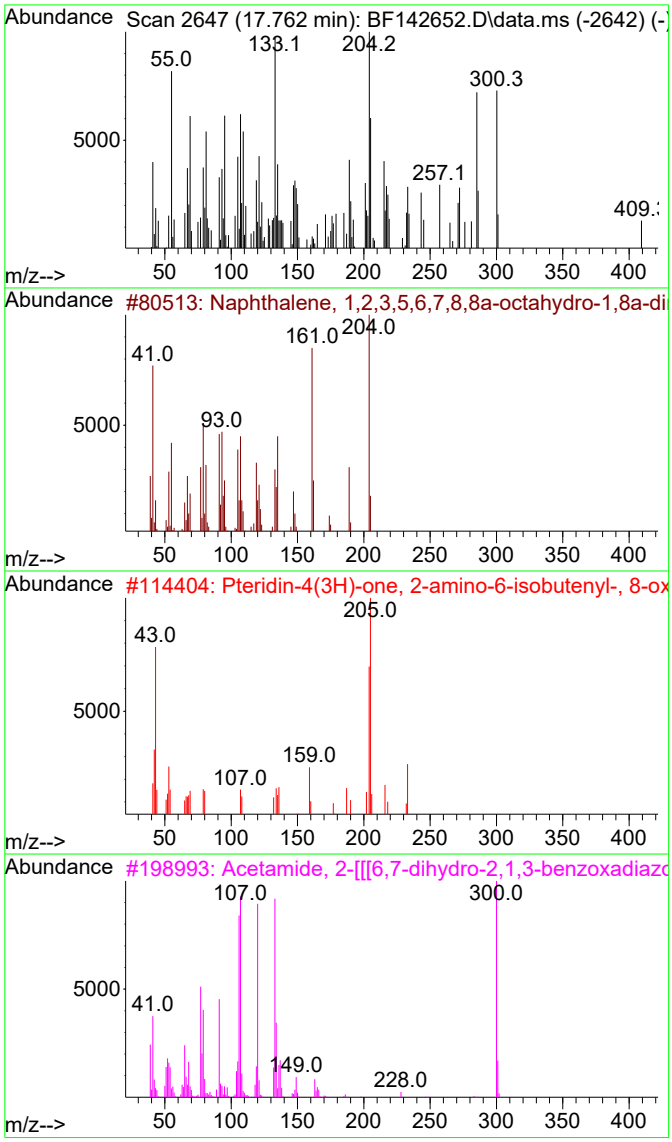
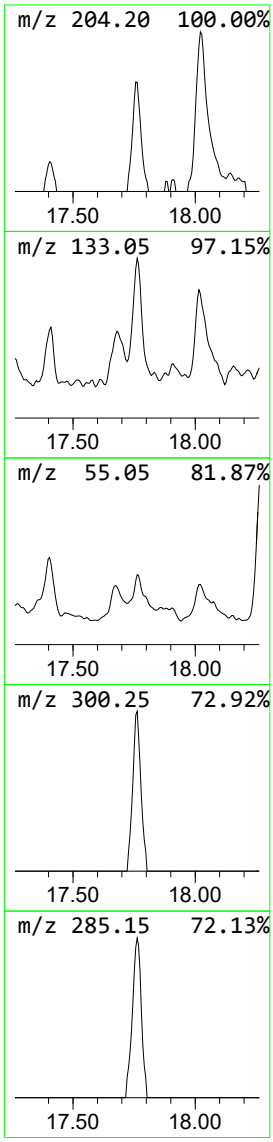
Peak Number 18 unknown17.762 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.762	2.92 ng	109288	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	25
2	Pteridin-4(3H)-one, 2-amino-6-is...	233	C10H11N5O2	019994-57-1	25
3	Acetamide, 2-[[[6,7-dihydro-2,1,...	300	C15H16N4O3	1000319-88-7	15
4	3-epi-Cedrenal	218	C15H22O	1000465-27-6	15
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	11





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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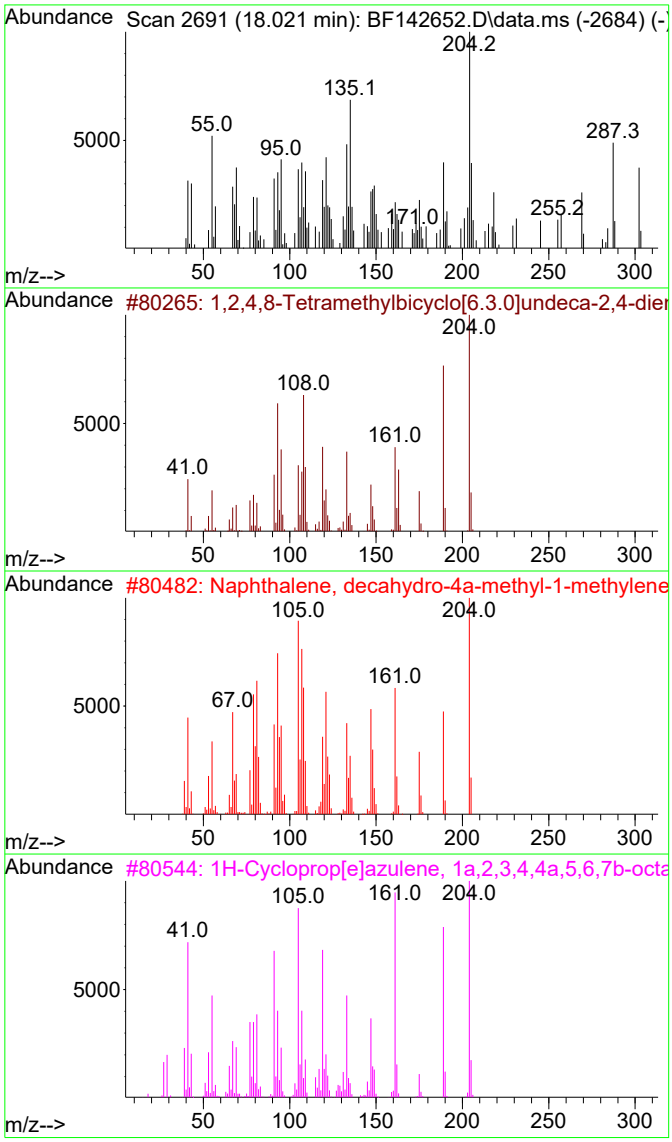
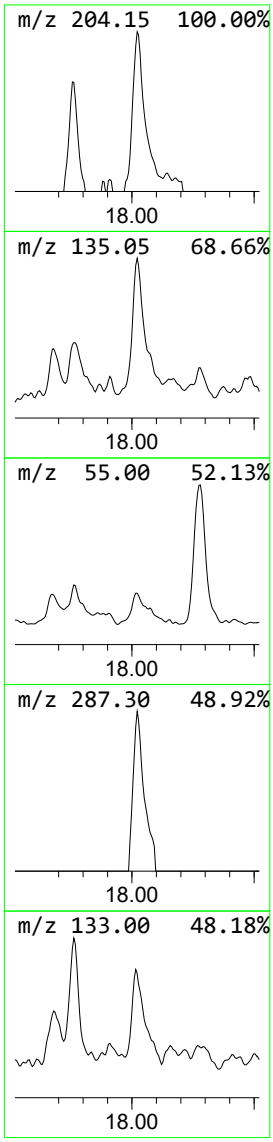
Peak Number 19 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	3.41 ng	127702	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	64
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43
3	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	41
4	1-(4-Amino-2-methylphenyl)-2-pip...	204	C12H16N2O	443999-53-9	35
5	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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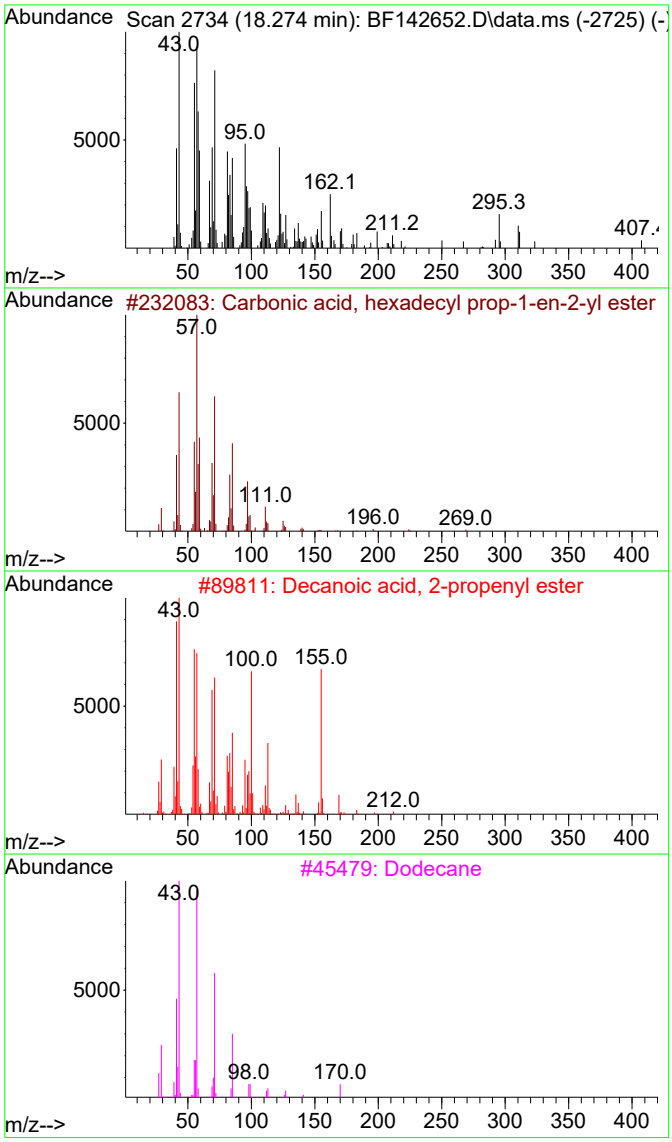
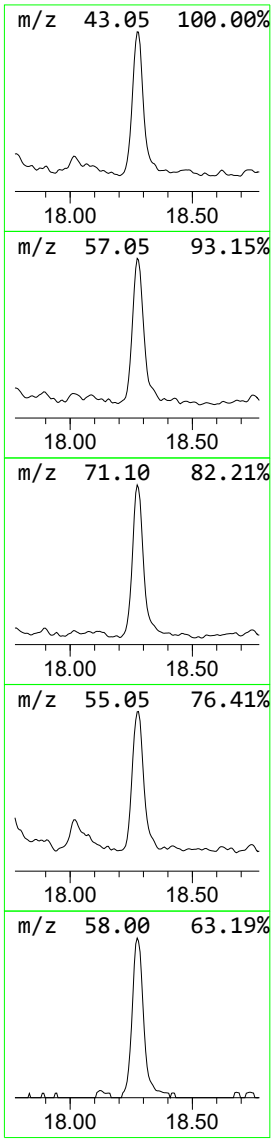
Peak Number 20 unknown18.274 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	10.36 ng	387620	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	49
2	Decanoic acid, 2-propenyl ester	212	C13H24O2	057856-81-2	45
3	Dodecane	170	C12H26	000112-40-3	42
4	Heneicosane	296	C21H44	000629-94-7	42
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142652.D
Acq On : 06 Jun 2025 18:01
Operator : RC/JU
Sample : Q2177-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-187-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
2-Pentanone, 4-...	5.104	6.3	ng	225793	1	6.892	712185	20.0
p-Cymene	6.969	11.2	ng	397406	1	6.892	712185	20.0
Benzophenone	10.645	6.4	ng	320857	3	9.933	1002960	20.0
n-Hexadecanoic ...	11.945	3.9	ng	163227	4	11.422	840440	20.0
unknown12.174	12.174	4.0	ng	167319	4	11.422	840440	20.0
4b,8-Dimethyl-2...	12.368	30.8	ng	1292350	4	11.422	840440	20.0
10,18-Bisnorabi...	12.674	12.9	ng	544074	4	11.422	840440	20.0
Retene	13.145	20.9	ng	680169	5	14.063	651181	20.0
Tetrahydroabiet...	13.839	2.7	ng	89310	5	14.063	651181	20.0
Octadecyl trifl...	13.904	9.6	ng	312479	5	14.063	651181	20.0
unknown14.239	14.239	2.4	ng	76781	5	14.063	651181	20.0
12-Tricosanol	14.545	19.2	ng	623758	5	14.063	651181	20.0
1,1'-Biphenyl, ...	14.598	5.2	ng	169452	5	14.063	651181	20.0
1,2-Dodecanediol	14.868	2.5	ng	92851	6	15.562	748294	20.0
16-Hentriacontanol	15.221	4.9	ng	182739	6	15.562	748294	20.0
6-Isopropenyl-4...	17.404	5.1	ng	192328	6	15.562	748294	20.0
unknown17.674	17.674	3.8	ng	141854	6	15.562	748294	20.0
unknown17.762	17.762	2.9	ng	109288	6	15.562	748294	20.0
1,2,4,8-Tetrame...	18.021	3.4	ng	127702	6	15.562	748294	20.0
unknown18.274	18.274	10.4	ng	387620	6	15.562	748294	20.0