LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142515.D
Acq On : 22 May 2025 17:32
Operator : RC/JU
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-40

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: BF142515.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	488	496	504	rBV	113098	163668	11.23%	1.241%
2	5.510	558	564	569	rBV	1102276	1430726	98.18%	10.847%
3	6.516	729	735	747	rVB	1113114	1457269	100.00%	11.048%
4	6.898	795	800	805	rBV	488666	590881	40.55%	4.480%
5	7.457	889	895	900	rBV	649724	816688	56.04%	6.191%
6	7.710	933	938	947	rVB	21602	27805	1.91%	0.211%
7	8.181	1012	1018	1026	rBV	567463	703045	48.24%	5.330%
8	9.251	1195	1200	1206	rBV	1014168	1269819	87.14%	9.627%
9	9.798	1288	1293	1299	rBV	17050	21585	1.48%	0.164%
10	9.934	1311	1316	1321	rBV	518219	642285	44.07%	4.869%
11	10.645	1432	1437	1445	rBV	104676	130805	8.98%	0.992%
12	10.722	1445	1450	1455	rBV	630967	781827	53.65%	5.927%
13	11.422	1564	1569	1578	rBV2	480896	718276	49.29%	5.445%
14	11.498	1578	1582	1585	rVV	19862	23172	1.59%	0.176%
15	11.645	1602	1607	1615	rBV4	7909	18899	1.30%	0.143%
16	11.945	1650	1658	1664	rBV2	81931	157421	10.80%	1.193%
17	12.033	1670	1673	1683	rVB3	32176	68963	4.73%	0.523%
18	12.222	1697	1705	1707	rBV2	22100	39677	2.72%	0.301%
19	12.475	1744	1748	1751	rBV	20349	25015	1.72%	0.190%
20	12.510	1751	1754	1759	rVV3	10769	16906	1.16%	0.128%
21	12.557	1759	1762	1768	rVB	21917	28320	1.94%	0.215%
22	12.639	1770	1776	1780	rBV	246950	330730	22.70%	2.507%
23	12.733	1788	1792	1795	rBV	14596	17453	1.20%	0.132%
24	12.863	1807	1814	1819	rBV	228921	342671	23.51%	2.598%
25	13.010	1831	1839	1845	rBV	950779	1240414	85.12%	9.404%
26	13.086	1847	1852	1858	rBV2	23892	44649	3.06%	0.338%
27	13.192	1863	1870	1874	rVB	27971	59543	4.09%	0.451%
28	13.263	1878	1882	1884	rVV	15741	21102	1.45%	0.160%
29	13.298	1884	1888	1895	rVB2	30070	45592	3.13%	0.346%
30	13.392	1900	1904	1907	rVV	18974	23425	1.61%	0.178%
31	13.422	1907	1909	1914	rVB	16104	17777	1.22%	0.135%
32	13.698	1953	1956	1962	rVB	22951	31608	2.17%	0.240%
33	13.810	1971	1975	1978	rBV2	21411	34158	2.34%	0.259%
34	13.904	1987	1991	2001	rVB3	53446	89231	6.12%	0.676%
35	14.063	2012	2018	2029	rBV2	470698	826875	56.74%	6.269%
36	14.451	2081	2084	2087	rVB	22066	25535	1.75%	0.194%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142515.D
Acq On : 22 May 2025 17:32
Operator : RC/JU
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-40

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	15.116	2192	2197	2207	rBV	103409	247689	17.00%	1.878%
38	15.427	2246	2250	2256	rVB	55068	84726	5.81%	0.642%
39	15.492	2256	2261	2266	rVV	73873	117942	8.09%	0.894%
40	15.557	2267	2272	2284	rVB	254461	456477	31.32%	3.461%

Sum of corrected areas: 13190649

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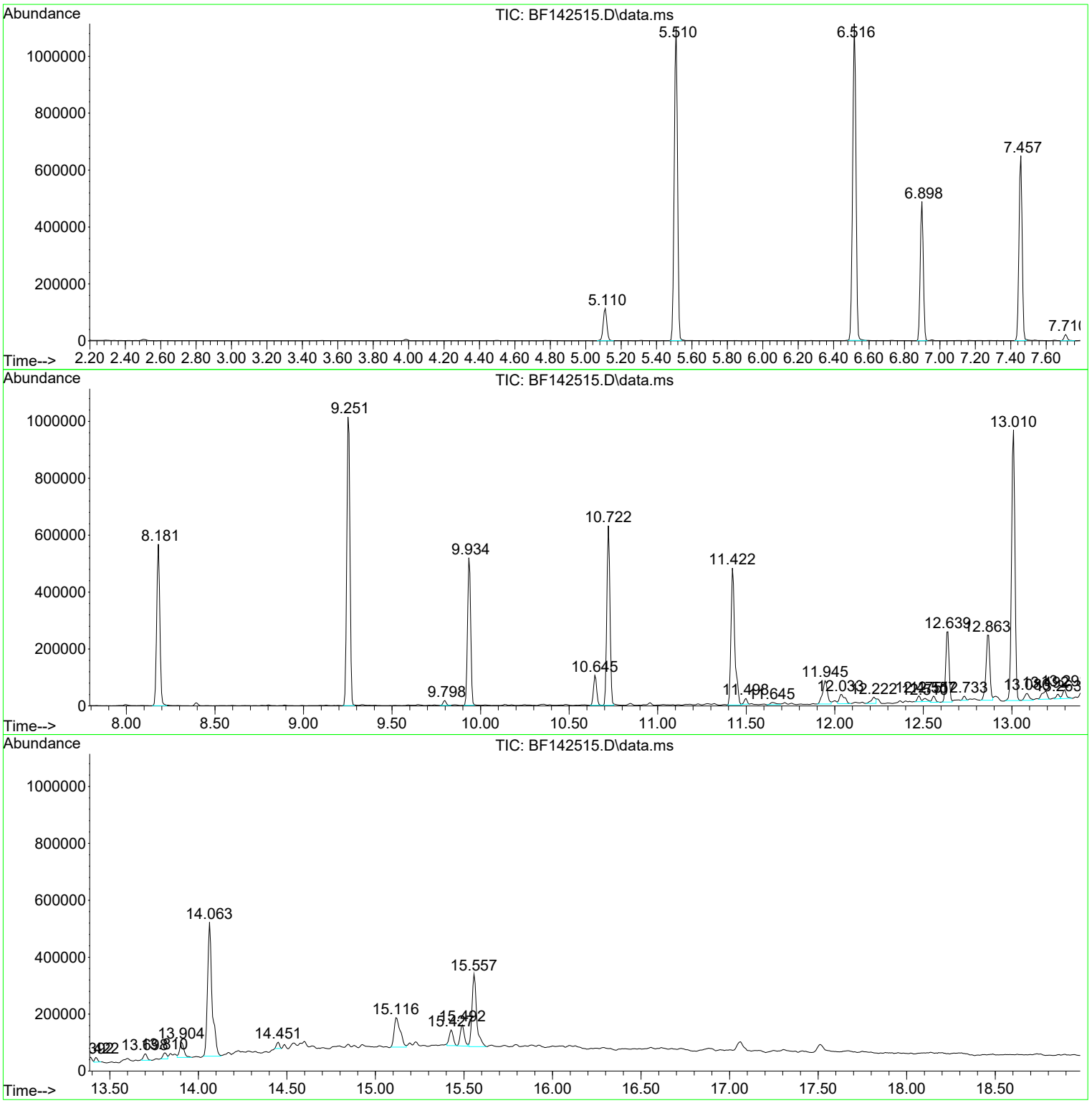
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-40

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\BF052225\
Data File : BF142515.D
Acq On : 22 May 2025 17:32
Operator : RC/JU
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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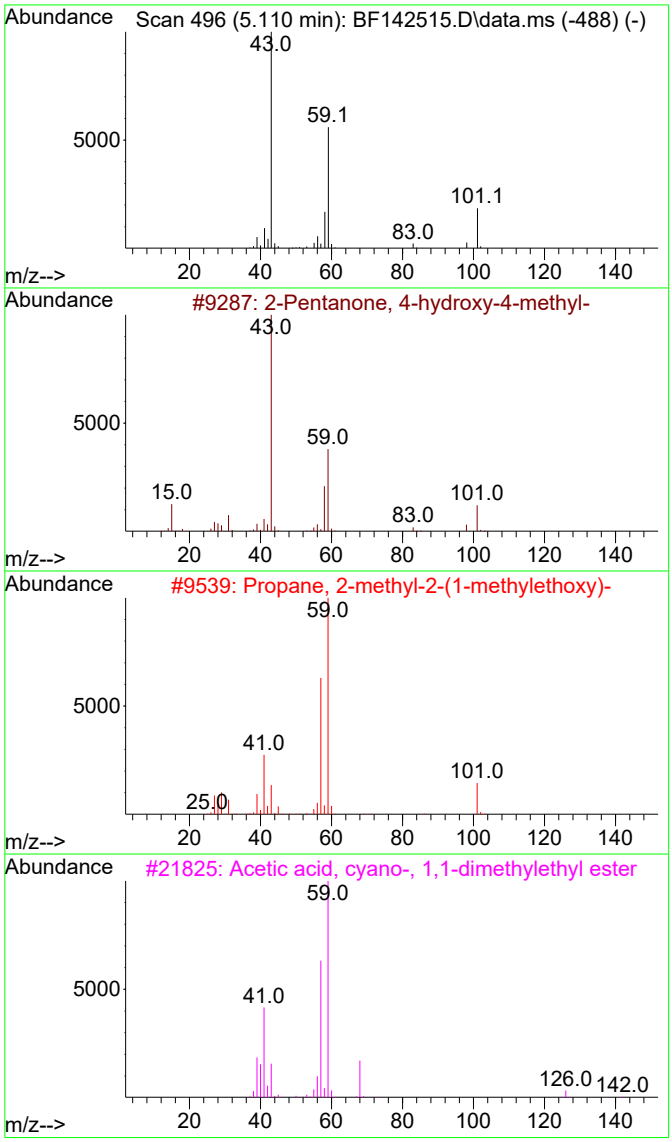
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

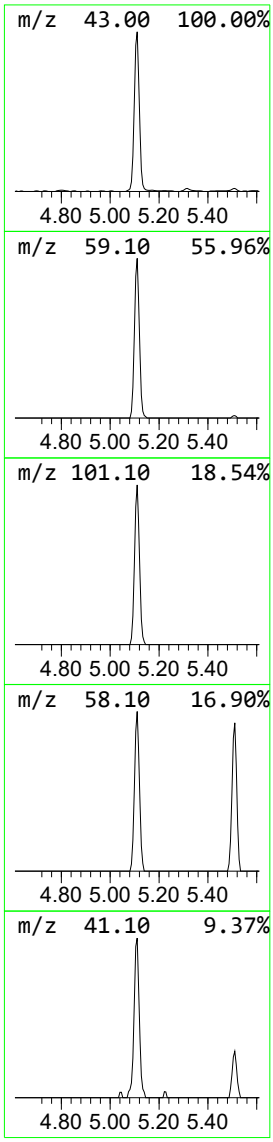
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.54 ng	163668	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142515.D
Acq On : 22 May 2025 17:32
Operator : RC/JU
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-40

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

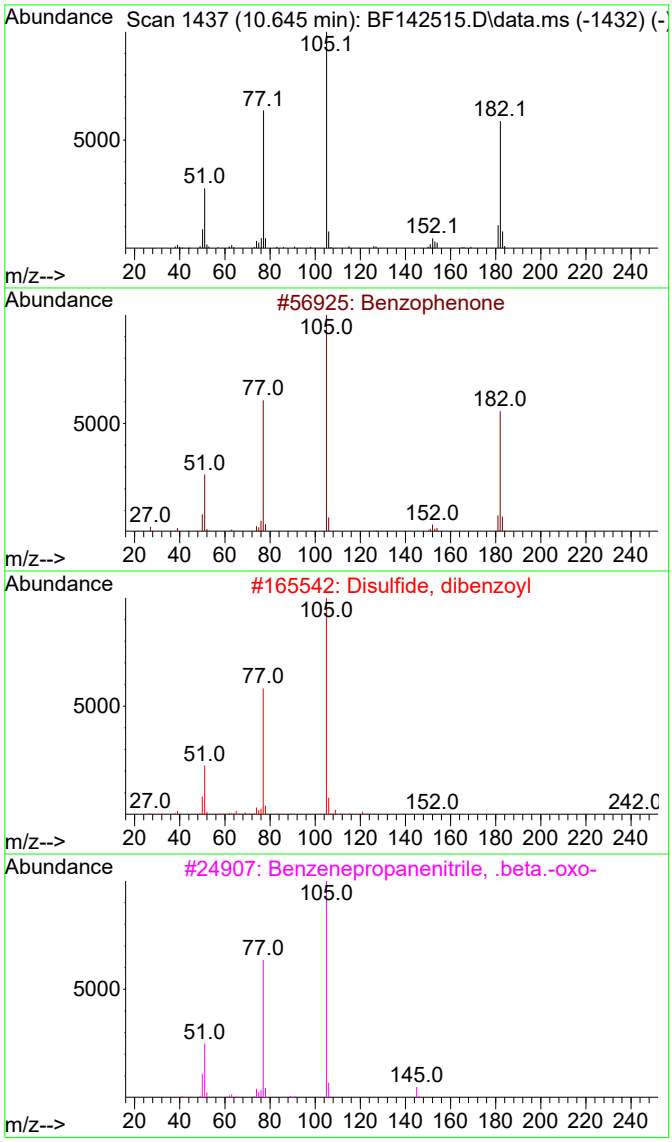
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

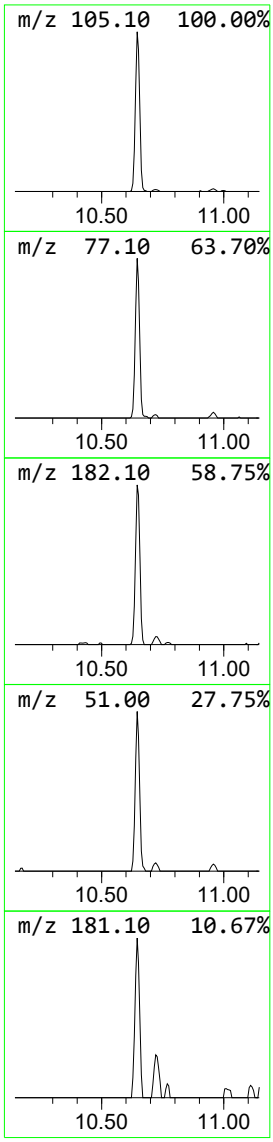
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.07 ng	130805	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142515.D
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Operator : RC/JU
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-40

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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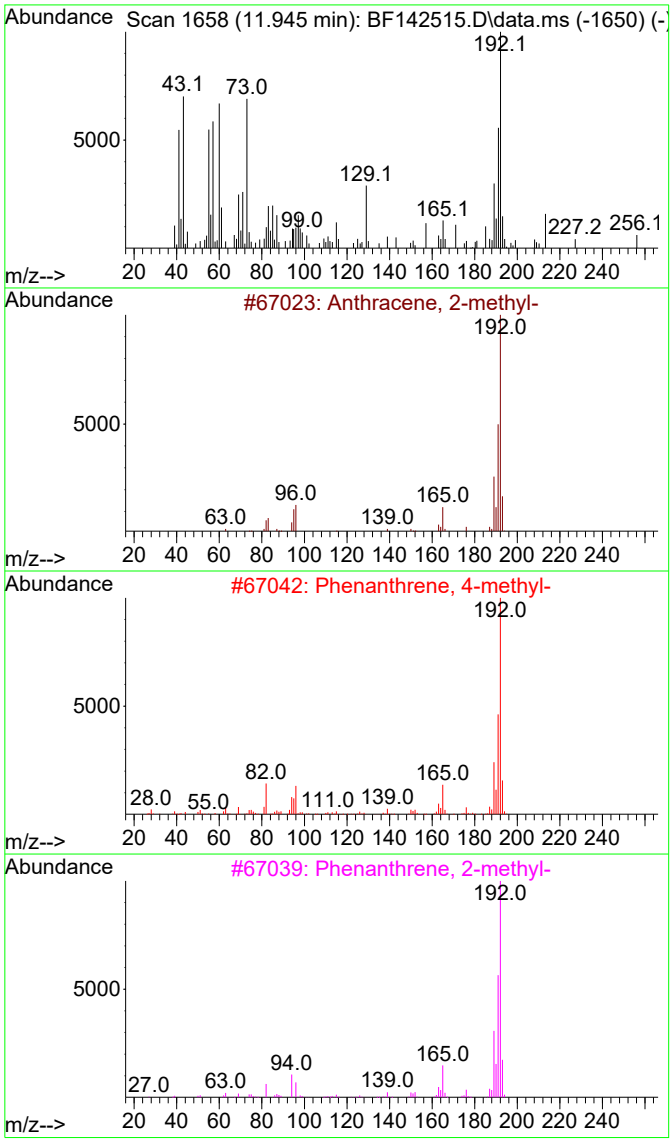
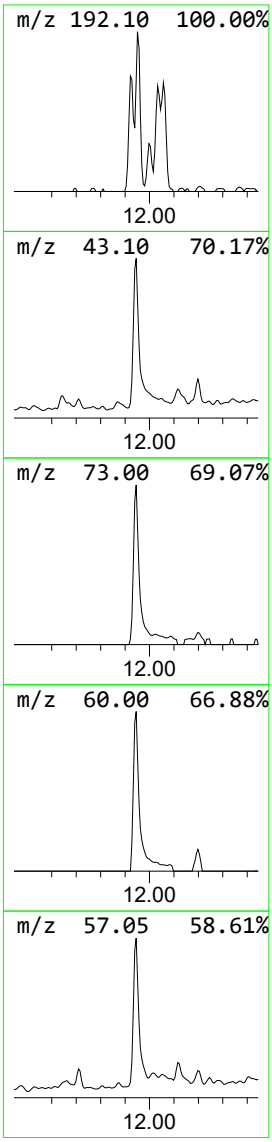
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.38 ng	157421	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142515.D
Acq On : 22 May 2025 17:32
Operator : RC/JU
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-40

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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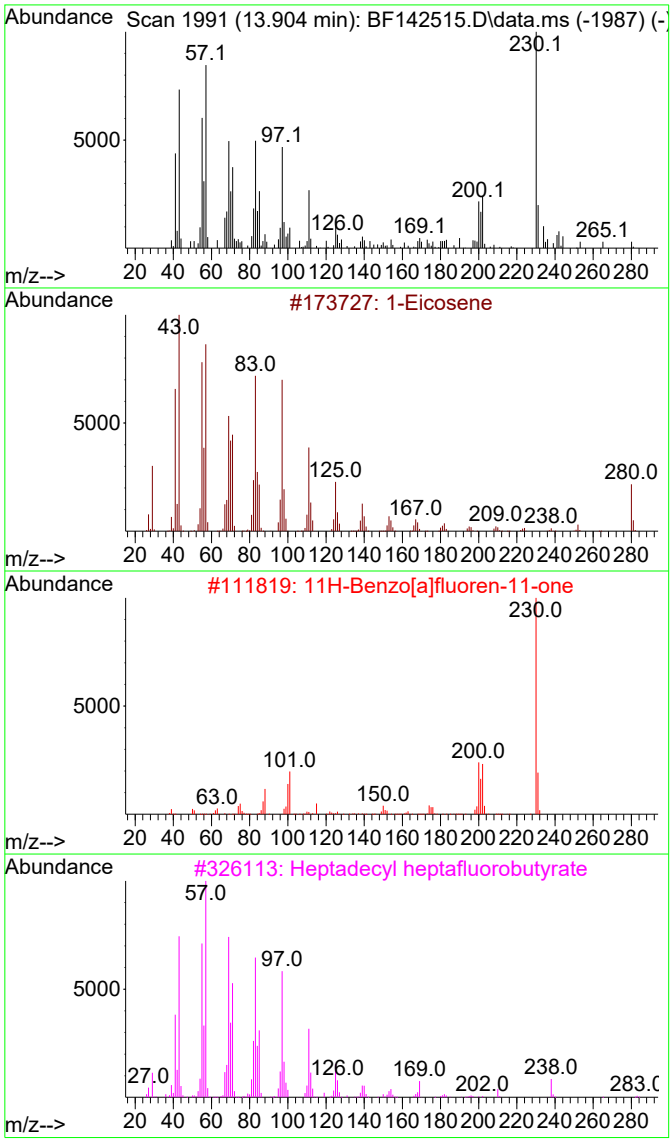
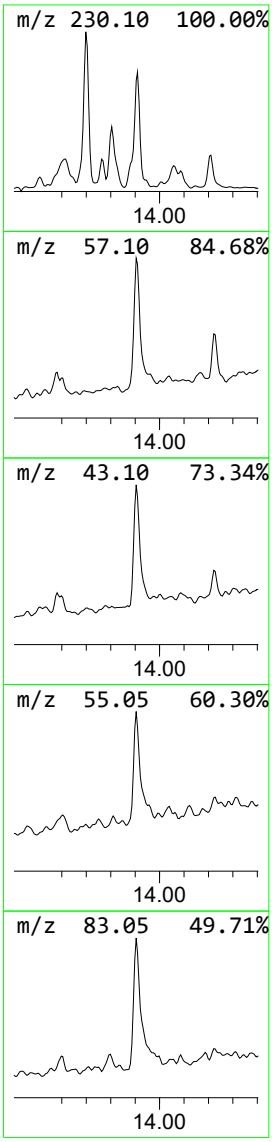
Peak Number 4 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.16 ng	89231	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	83
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	56
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	55
5	Cycloeicosane	280	C20H40	000296-56-0	55





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Data File : BF142515.D
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Operator : RC/JU
Sample : Q2074-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-40

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

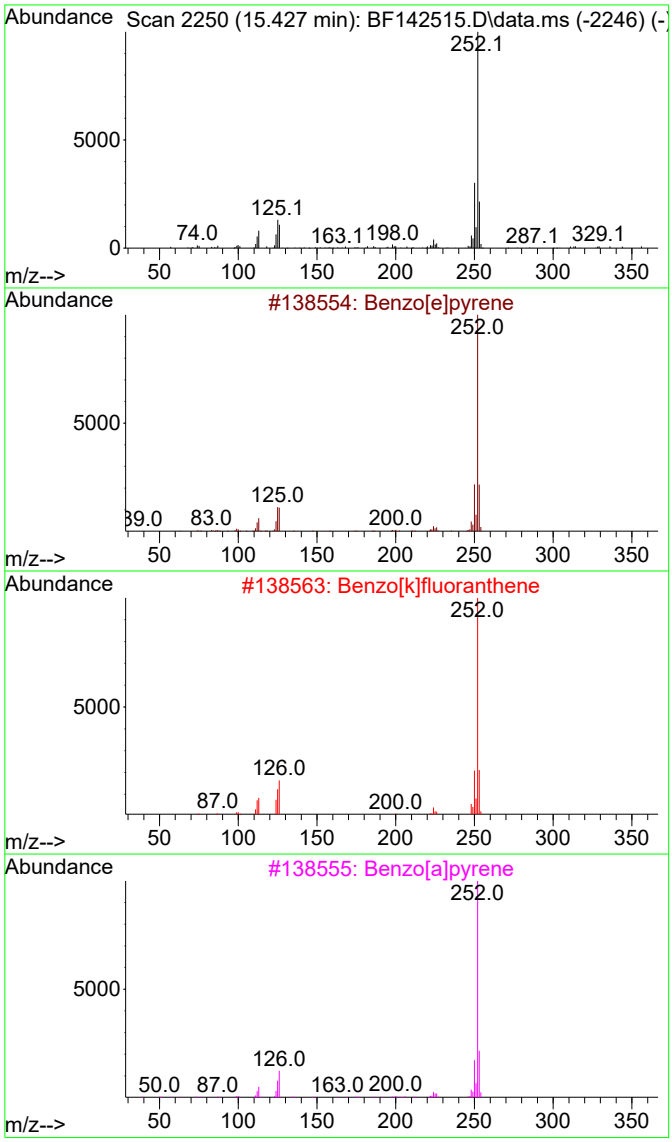
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

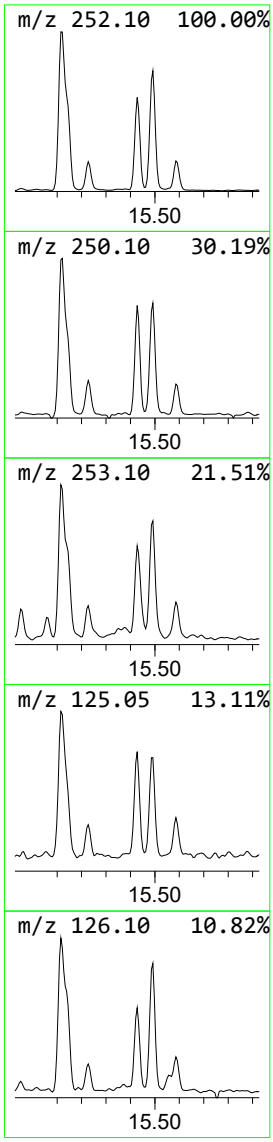
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	3.71 ng	84726	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142515.D
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Instrument :
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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	5.5	ng	163668	1	6.898	590881	20.0
Benzophenone	10.645	4.1	ng	130805	3	9.934	642285	20.0
Anthracene, 2-m...	11.945	4.4	ng	157421	4	11.422	718276	20.0
1-Eicosene	13.904	2.2	ng	89231	5	14.063	826875	20.0
Benzo[e]pyrene	15.427	3.7	ng	84726	6	15.557	456477	20.0