LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141925.D
Acq On : 11 Mar 2025 19:42
Operator : RC/JU
Sample : Q1534-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-17

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	15	rVB	310192	475132	38.90%	4.215%
2	3.963	308	318	330	rVB3	6681	14970	1.23%	0.133%
3	5.487	572	577	597	rBV	387827	508551	41.63%	4.511%
4	6.440	734	739	743	rBV	8112	13512	1.11%	0.120%
5	6.492	743	748	760	rVB	394503	517729	42.38%	4.593%
6	6.881	809	814	821	rBV	650261	803176	65.75%	7.125%
7	7.434	903	908	919	rBV	251597	323617	26.49%	2.871%
8	7.692	947	952	959	rBV	10355	14323	1.17%	0.127%
9	8.157	1026	1031	1046	rBV	786265	1033485	84.61%	9.168%
10	9.233	1208	1214	1224	rBV	517259	678104	55.51%	6.015%
11	9.775	1302	1306	1315	rVB	9248	12369	1.01%	0.110%
12	9.910	1324	1329	1343	rVB	885919	1138566	93.21%	10.100%
13	10.622	1445	1450	1458	rBV	73825	93269	7.64%	0.827%
14	10.698	1458	1463	1473	rBV	284504	380063	31.11%	3.371%
15	11.398	1577	1582	1590	rBV	877356	1221506	100.00%	10.835%
16	11.475	1592	1595	1598	rVB	10043	12221	1.00%	0.108%
17	11.627	1616	1621	1627	rBV2	8122	17184	1.41%	0.152%
18	11.727	1635	1638	1643	rVB	8796	12393	1.01%	0.110%
19	11.810	1644	1652	1656	rBV7	5461	13318	1.09%	0.118%
20	11.922	1663	1671	1675	rBV3	62964	132831	10.87%	1.178%
21	11.957	1675	1677	1682	rVV2	15743	27611	2.26%	0.245%
22	12.010	1682	1686	1695	rVB	35490	75009	6.14%	0.665%
23	12.098	1695	1701	1704	rBV9	5920	12415	1.02%	0.110%
24	12.192	1711	1717	1718	rBV5	15030	22321	1.83%	0.198%
25	12.451	1756	1761	1764	rBV	25525	36665	3.00%	0.325%
26	12.480	1764	1766	1772	rVV2	12961	20198	1.65%	0.179%
27	12.533	1772	1775	1780	rVB3	13613	18311	1.50%	0.162%
28	12.610	1783	1788	1793	rBV	159943	205368	16.81%	1.822%
29	12.733	1806	1809	1812	rVB	18719	24457	2.00%	0.217%
30	12.839	1821	1827	1833	rBV	148380	217491	17.81%	1.929%
31	12.980	1846	1851	1858	rVB	523003	678012	55.51%	6.014%
32	13.057	1860	1864	1871	rBV2	20144	37364	3.06%	0.331%
33	13.163	1876	1882	1886	rVB	25474	55154	4.52%	0.489%
34	13.269	1897	1900	1904	rVB2	17166	21597	1.77%	0.192%
35	13.880	2000	2004	2011	rBV2	68380	112239	9.19%	0.996%
36	14.033	2024	2030	2041	rBV	814542	1185019	97.01%	10.512%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141925.D
Acq On : 11 Mar 2025 19:42
Operator : RC/JU
Sample : Q1534-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-17

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.198	2055	2058	2064	rVB	59431	73893	6.05%	0.655%
38	14.504	2106	2110	2114	rBV	80701	119292	9.77%	1.058%
39	14.810	2159	2162	2171	rVB	58031	83028	6.80%	0.737%
40	15.151	2217	2220	2231	rVB2	69507	122327	10.01%	1.085%
41	15.504	2275	2280	2285	rBV	453819	709102	58.05%	6.290%

Sum of corrected areas: 11273192

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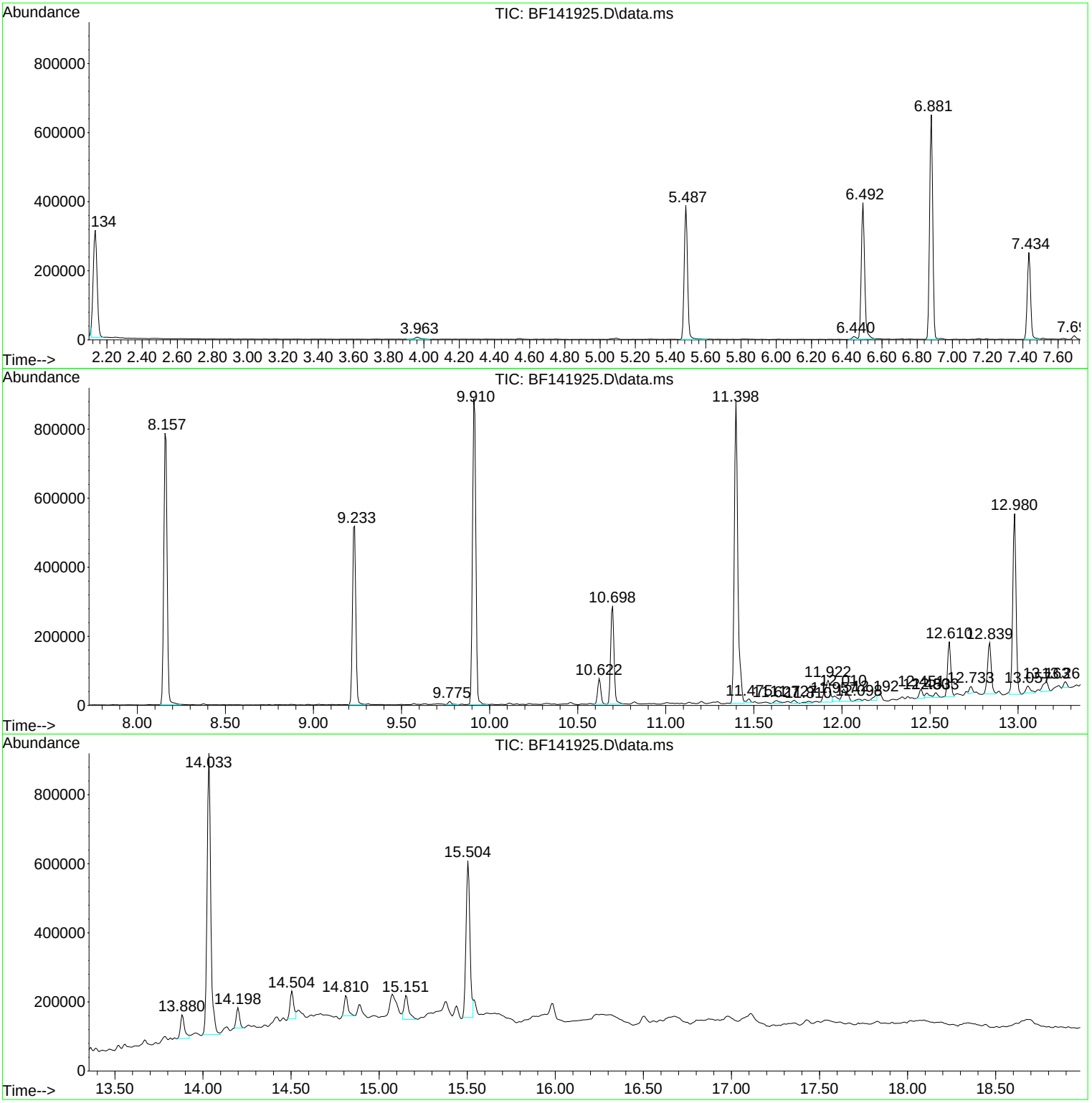
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-17

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF031125\
Data File : BF141925.D
Acq On : 11 Mar 2025 19:42
Operator : RC/JU
Sample : Q1534-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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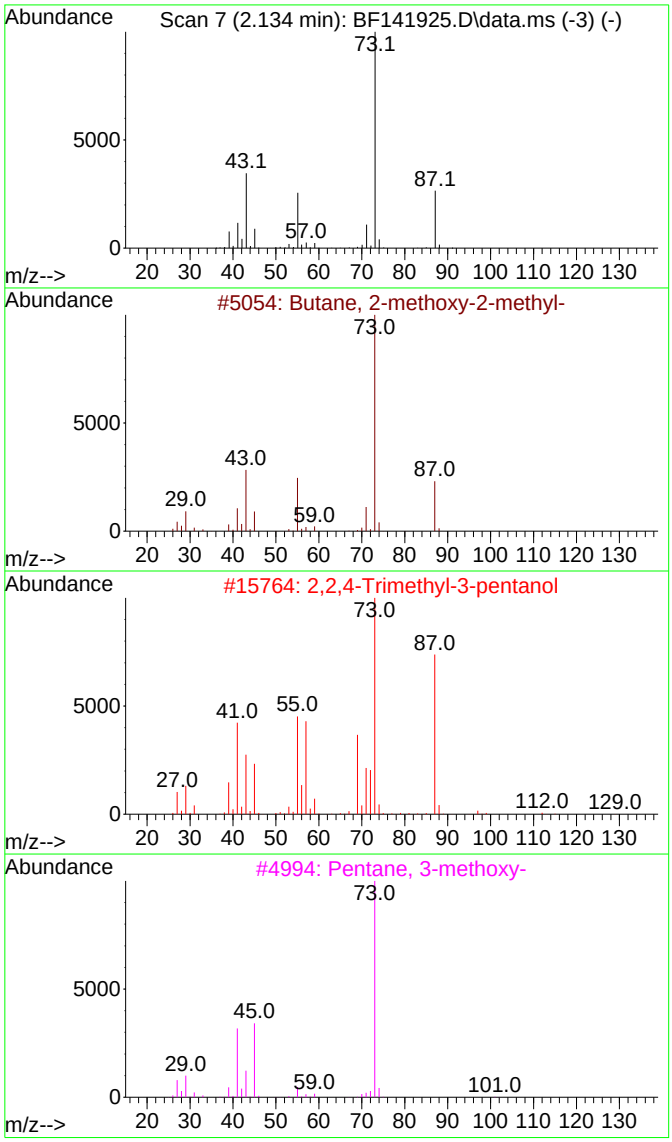
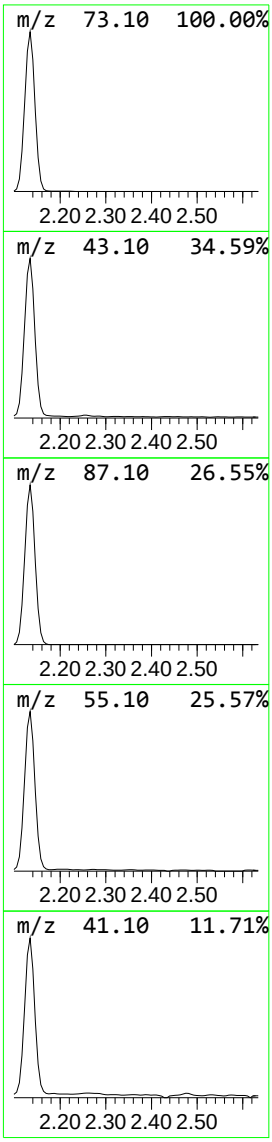
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	11.83 ng	475132	1,4-Dichlorobenzene-d4	6.881

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141925.D
Acq On : 11 Mar 2025 19:42
Operator : RC/JU
Sample : Q1534-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-17

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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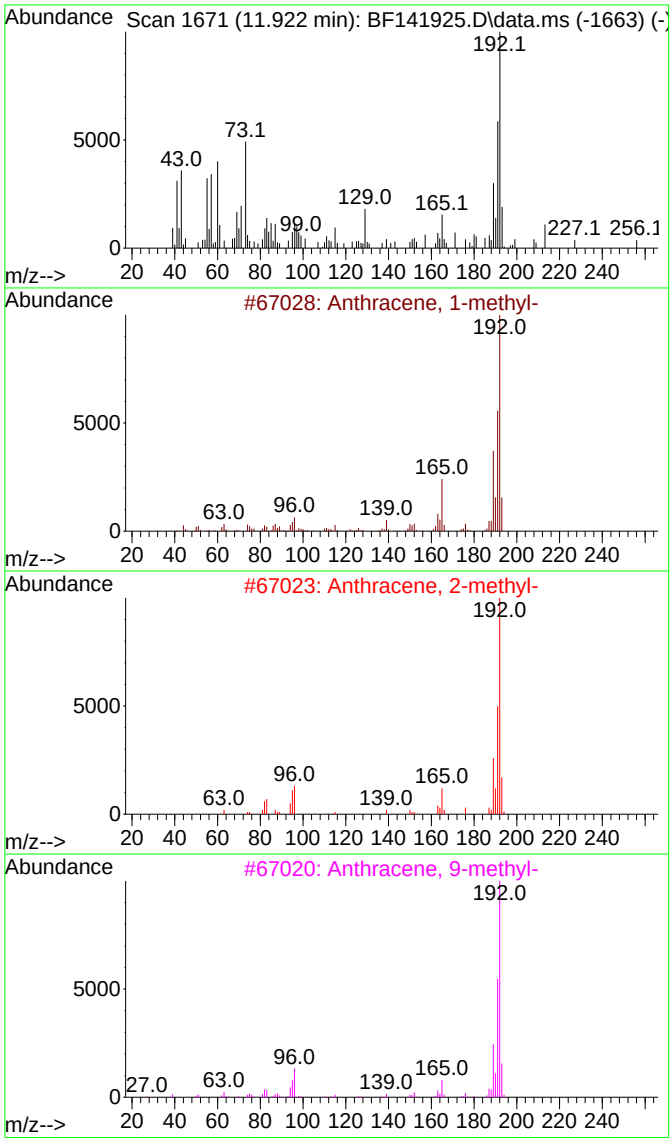
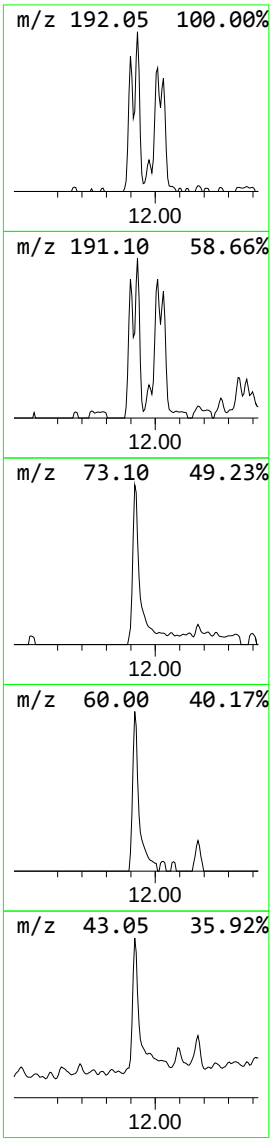
Peak Number 2 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.17 ng	132831	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-17

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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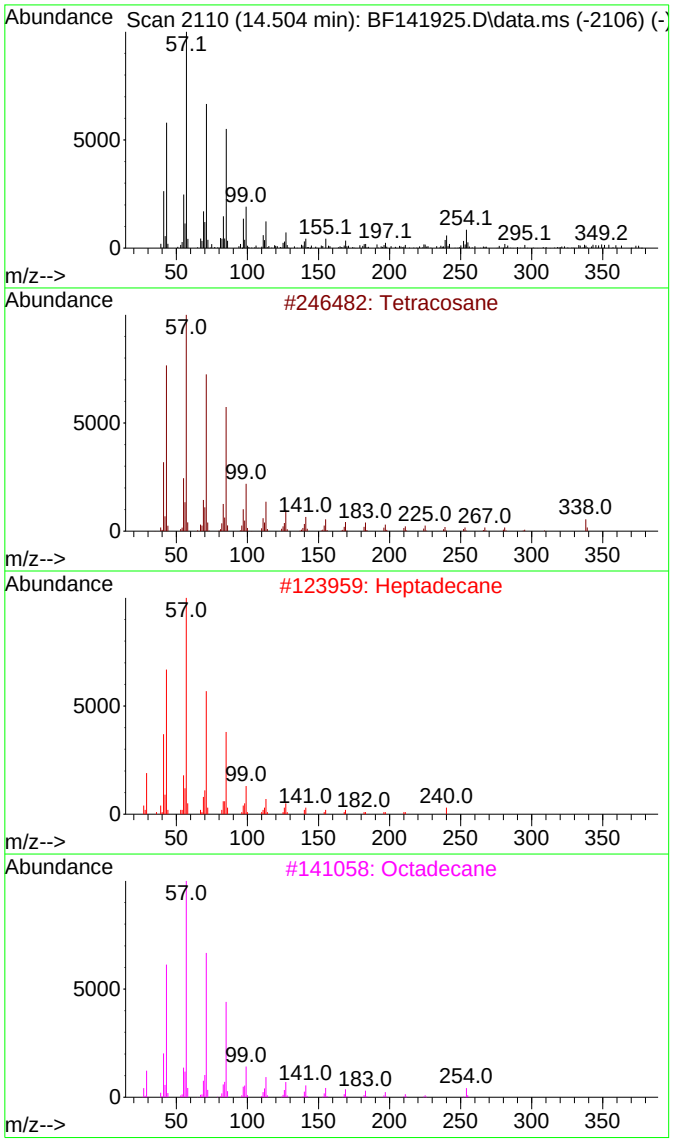
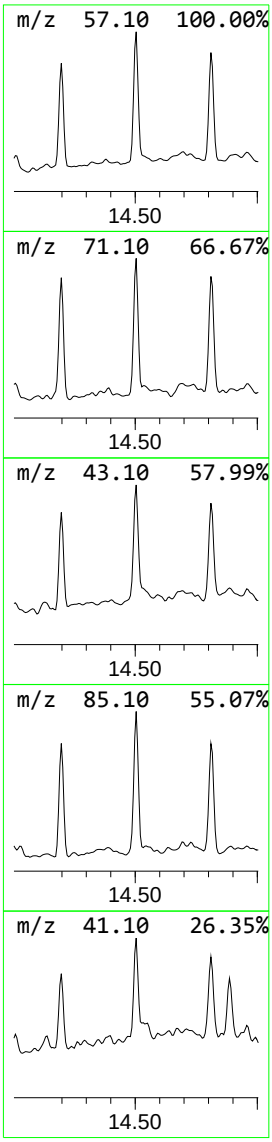
Peak Number 3 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	2.01 ng	119292	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Octadecane	254	C18H38	000593-45-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141925.D
Acq On : 11 Mar 2025 19:42
Operator : RC/JU
Sample : Q1534-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-17

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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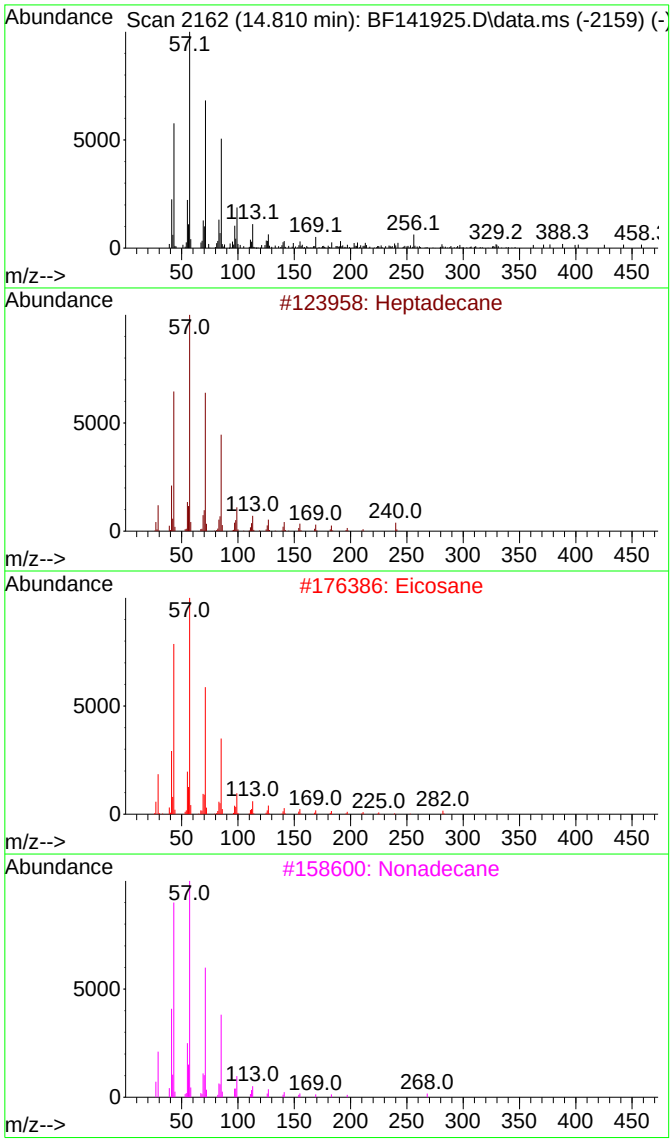
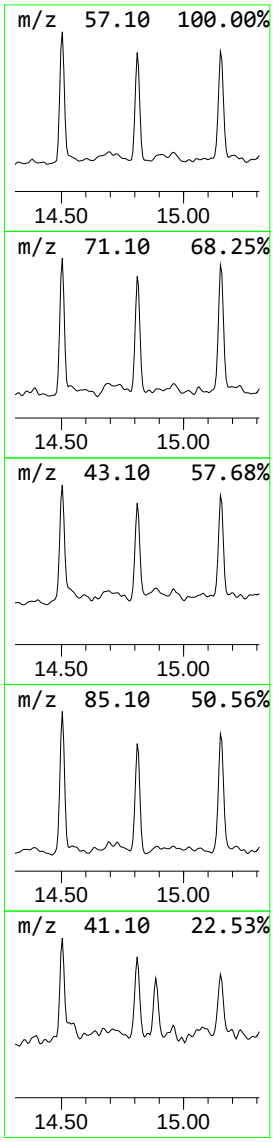
Peak Number 4 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	2.34 ng	83028	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	9-Methylheneicosane	310	C22H46	070475-51-3	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Operator : RC/JU
Sample : Q1534-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-17

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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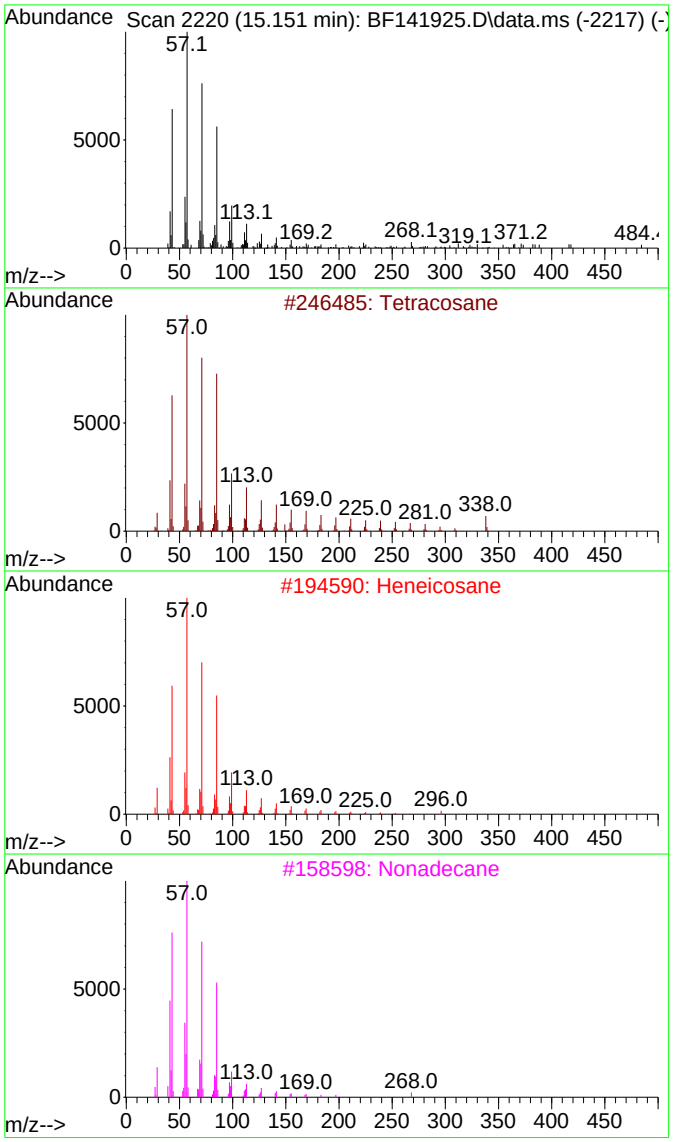
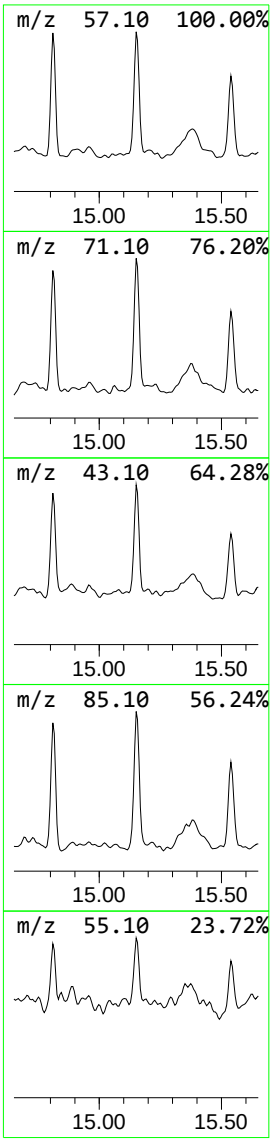
Peak Number 5 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	3.45 ng	122327	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	11.8	ng	475132	1	6.881	803176	20.0
Anthracene, 1-m...	11.922	2.2	ng	132831	4	11.398	1221510	20.0
Tetracosane	14.504	2.0	ng	119292	5	14.033	1185020	20.0
Heptadecane	14.810	2.3	ng	83028	6	15.504	709102	20.0
Heneicosane	15.151	3.5	ng	122327	6	15.504	709102	20.0