LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-16.2-012725

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.798	280	290	296	rBV2	4245	9142	1.07%	0.094%
2	4.981	486	491	503	rVB	20301	30952	3.64%	0.318%
3	5.410	559	564	580	rVB	563689	774576	91.06%	7.952%
4	6.428	732	737	759	rBV	562735	778428	91.51%	7.991%
5	6.786	793	798	805	rBV	306651	396589	46.62%	4.071%
6	6.863	805	811	815	rBV3	5430	8682	1.02%	0.089%
7	7.351	884	894	899	rBV	372484	492891	57.94%	5.060%
8	7.434	904	908	912	rVB3	8279	12134	1.43%	0.125%
9	7.610	932	938	944	rVB3	15289	24564	2.89%	0.252%
10	8.069	1010	1016	1024	rBV	353814	511096	60.08%	5.247%
11	8.133	1024	1027	1030	rVV	14143	19538	2.30%	0.201%
12	8.363	1060	1066	1072	rBV8	13336	27655	3.25%	0.284%
13	8.451	1078	1081	1085	rVB3	8419	9597	1.13%	0.099%
14	8.492	1085	1088	1094	rBV	21750	34509	4.06%	0.354%
15	8.575	1099	1102	1106	rBV3	8293	13467	1.58%	0.138%
16	8.663	1113	1117	1121	rBV	49765	62151	7.31%	0.638%
17	8.951	1162	1166	1169	rBV5	10347	17941	2.11%	0.184%
18	9.028	1176	1179	1183	rVB4	10434	12340	1.45%	0.127%
19	9.092	1187	1190	1194	rVV2	22738	27602	3.24%	0.283%
20	9.145	1194	1199	1208	rVB	642479	801750	94.25%	8.231%
21	9.228	1209	1213	1218	rBV	55440	76587	9.00%	0.786%
22	9.298	1222	1225	1231	rVB4	9987	13870	1.63%	0.142%
23	9.486	1254	1257	1259	rBV2	7413	8806	1.04%	0.090%
24	9.545	1263	1267	1271	rBV3	19130	29426	3.46%	0.302%
25	9.692	1288	1292	1295	rBV3	10741	16465	1.94%	0.169%
26	9.757	1300	1303	1307	rVB	26023	30071	3.54%	0.309%
27	9.827	1307	1315	1319	rBV	366080	473444	55.66%	4.860%
28	10.027	1346	1349	1354	rVB2	13249	19099	2.25%	0.196%
29	10.075	1355	1357	1362	rVB3	7936	10560	1.24%	0.108%
30	10.145	1366	1369	1376	rVB9	6665	14084	1.66%	0.145%
31	10.257	1385	1388	1394	rVB	25117	30992	3.64%	0.318%
32	10.345	1400	1403	1405	rBV	7188	8581	1.01%	0.088%
33	10.374	1405	1408	1413	rVB	13791	17614	2.07%	0.181%
34	10.480	1424	1426	1430	rVB3	13156	15084	1.77%	0.155%
35	10.539	1431	1436	1443	rVB	112038	144524	16.99%	1.484%
36	10.616	1444	1449	1462	rBV	334468	471027	55.37%	4.836%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.739	1465	1470	1477	rVB	32310	60566	7.12%	0.622%
38	10.851	1486	1489	1497	rBV8	5845	11142	1.31%	0.114%
39	11.180	1541	1545	1548	rBV4	19410	30540	3.59%	0.314%
40	11.210	1548	1550	1556	rVB	20107	26147	3.07%	0.268%
41	11.316	1563	1568	1571	rBV	367010	560075	65.84%	5.750%
42	11.386	1576	1580	1584	rVB	37671	52662	6.19%	0.541%
43	11.610	1615	1618	1621	rVB	17005	18298	2.15%	0.188%
44	11.816	1650	1653	1654	rBV	21572	22449	2.64%	0.230%
45	11.845	1654	1658	1663	rVV	126988	166206	19.54%	1.706%
46	11.927	1668	1672	1681	rVB2	48545	103308	12.14%	1.061%
47	12.263	1725	1729	1732	rBV	48198	60698	7.14%	0.623%
48	12.527	1770	1774	1777	rBV	286876	375555	44.15%	3.855%
49	12.563	1777	1780	1788	rVB2	101823	194138	22.82%	1.993%
50	12.757	1807	1813	1819	rBV	276188	416101	48.92%	4.272%
51	12.904	1833	1838	1845	rVB	626605	850661	100.00%	8.733%
52	13.039	1857	1861	1865	rBV	115379	150233	17.66%	1.542%
53	13.957	2012	2017	2028	rVB2	358092	681162	80.07%	6.993%
54	14.998	2191	2194	2203	rVB	102317	210995	24.80%	2.166%
55	15.415	2261	2265	2276	rVB	163273	304019	35.74%	3.121%

Sum of corrected areas: 9740793

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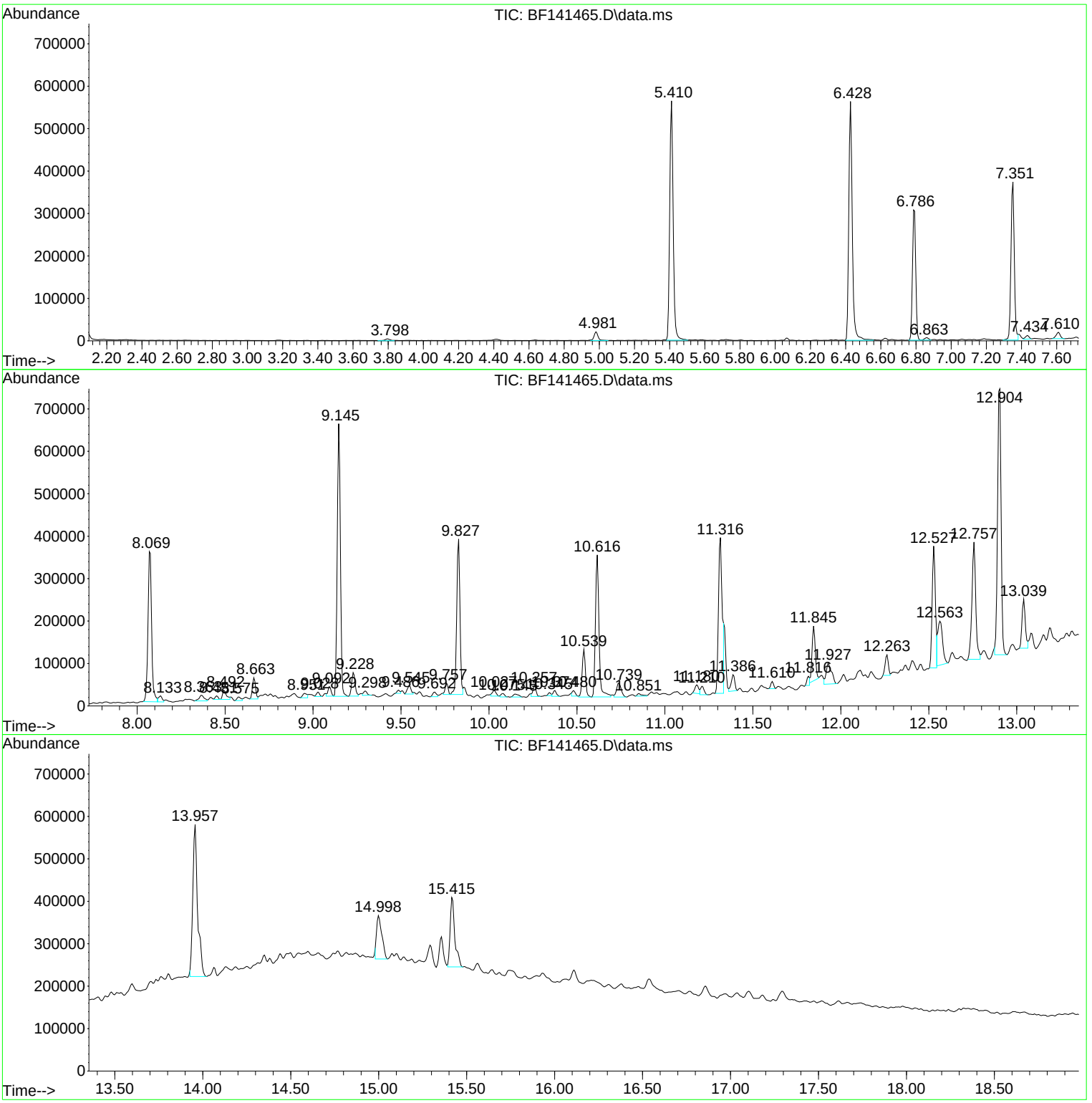
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

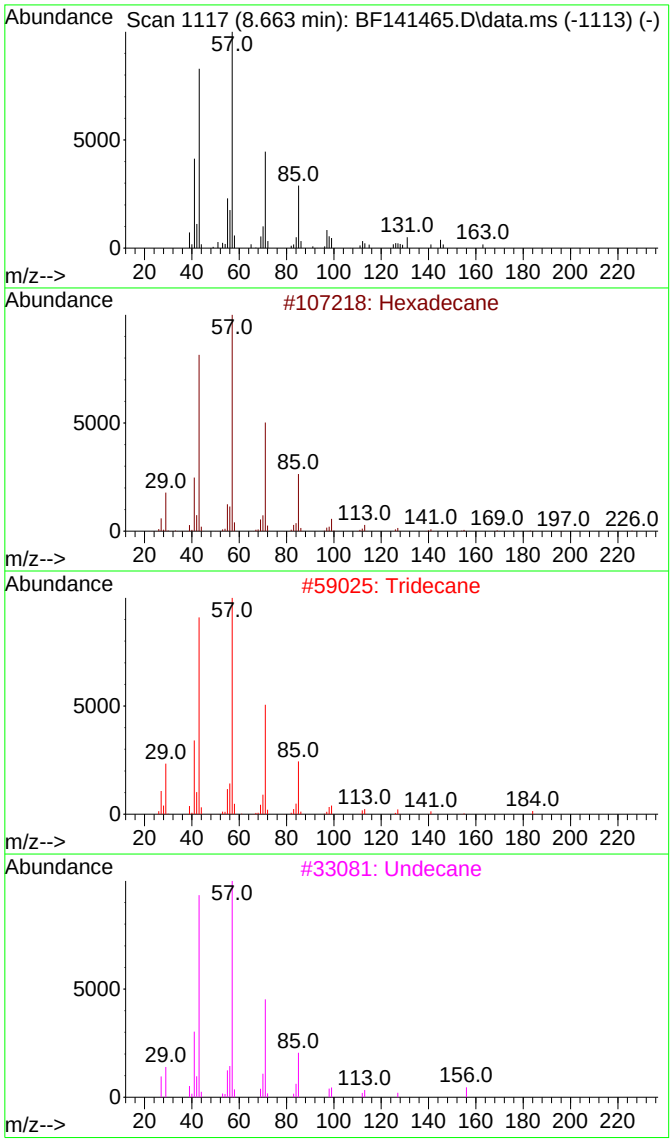
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

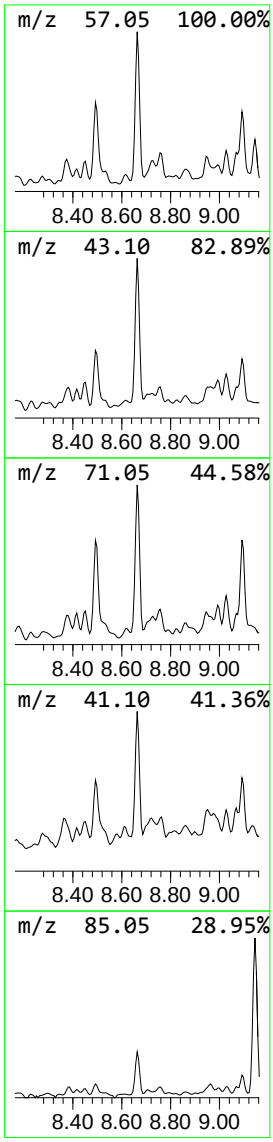
****

Peak Number 1 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	2.43 ng	62151	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Tridecane	184	C13H28	000629-50-5	72
3	Undecane	156	C11H24	001120-21-4	64
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
5	Heptadecane	240	C17H36	000629-78-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

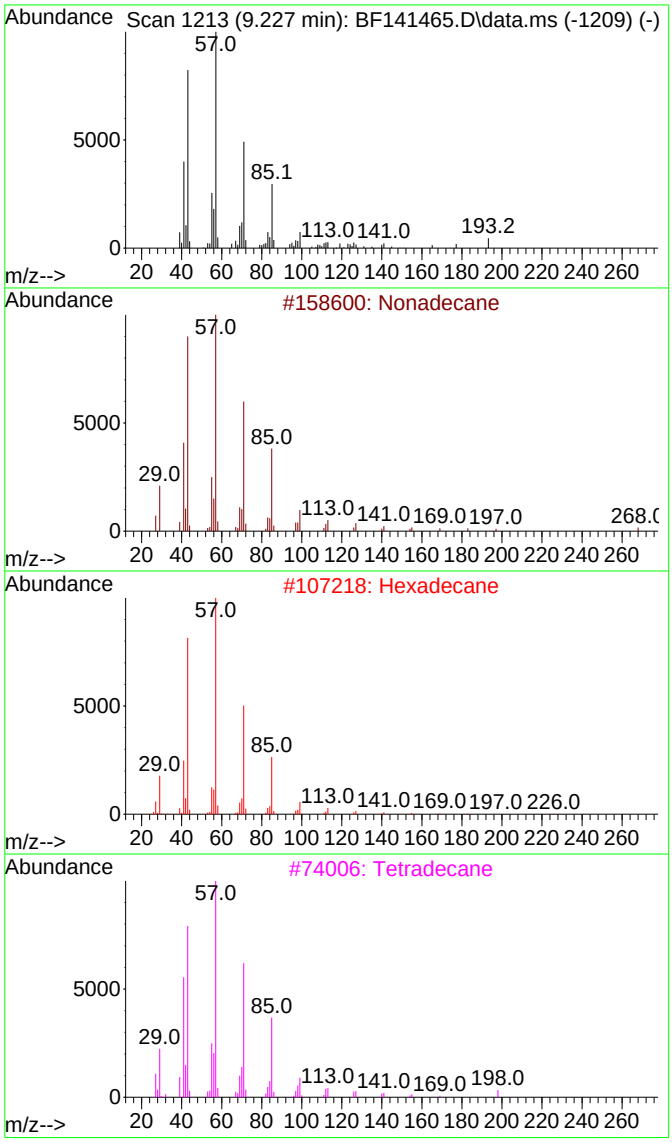
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

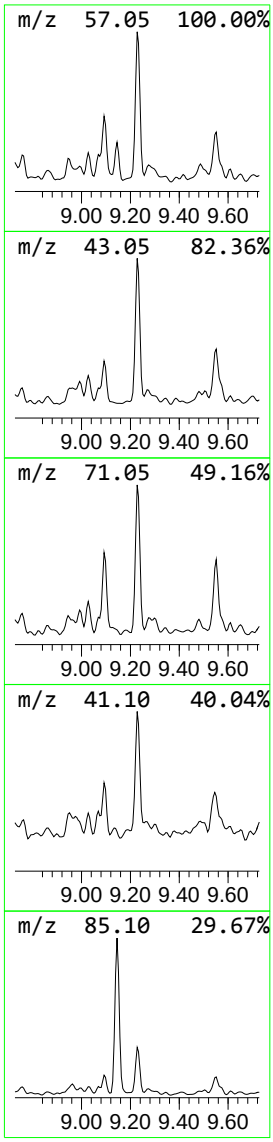
****

Peak Number 2 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.227	3.24 ng	76587	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

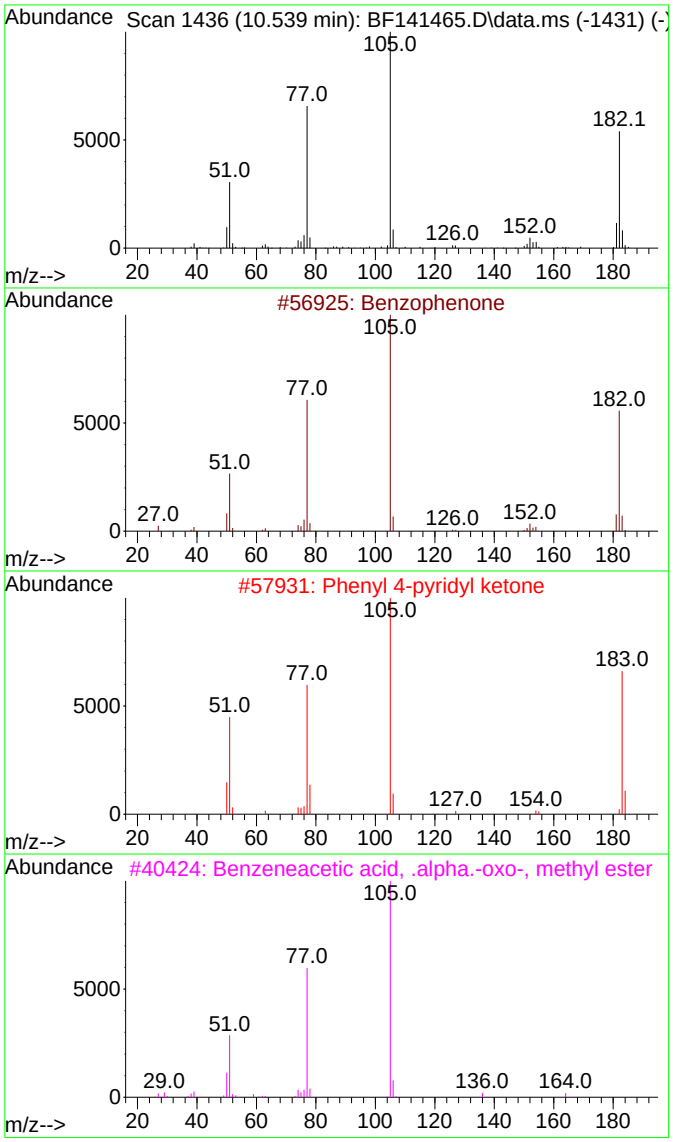
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

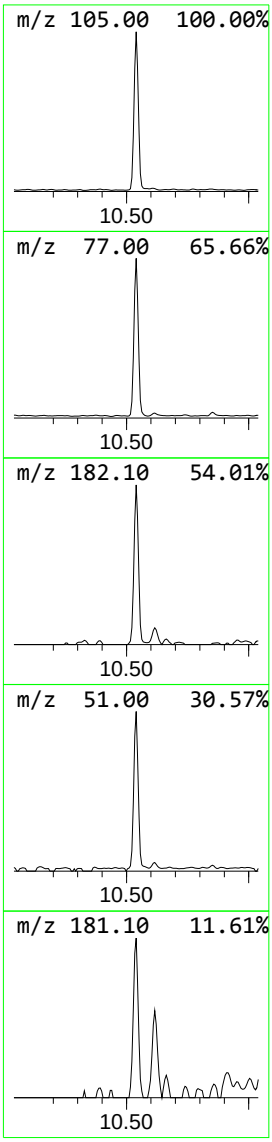
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	6.11 ng	144524	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	60
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	N-cyanobenzamide	146	C8H6N2O	015150-25-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

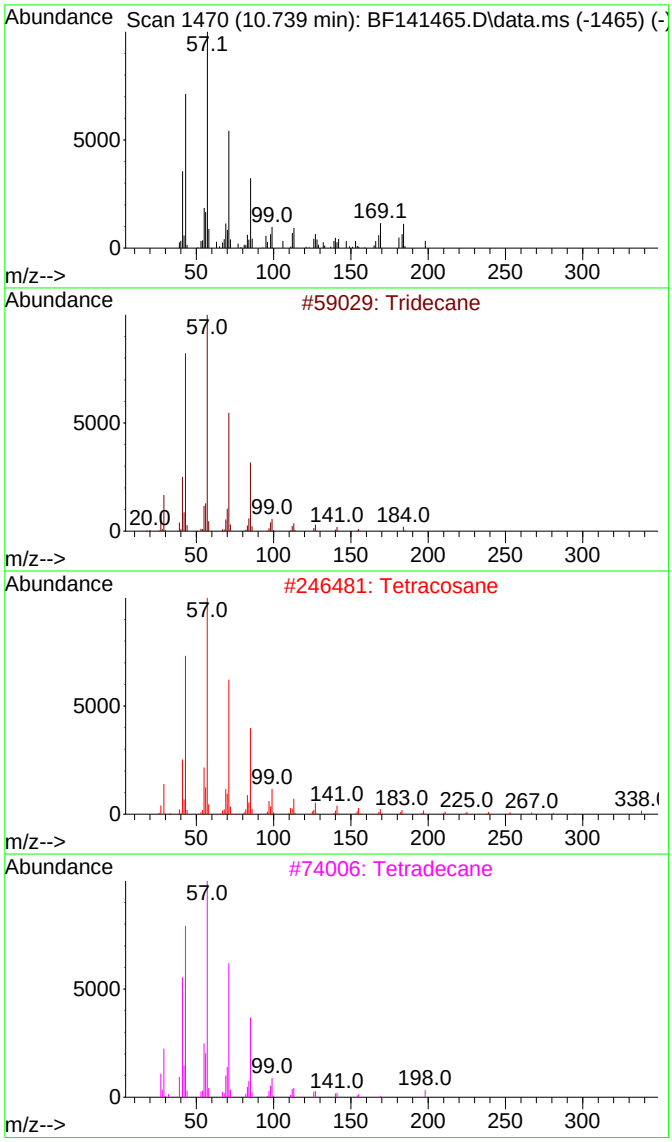
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

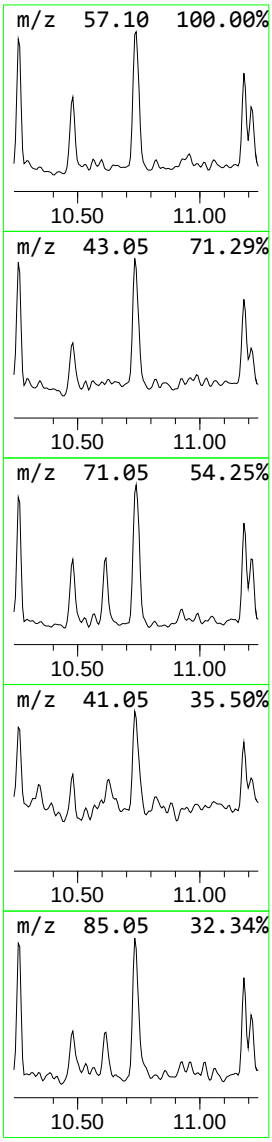
****

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	2.16 ng	60566	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Tetracosane	338	C24H50	000646-31-1	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

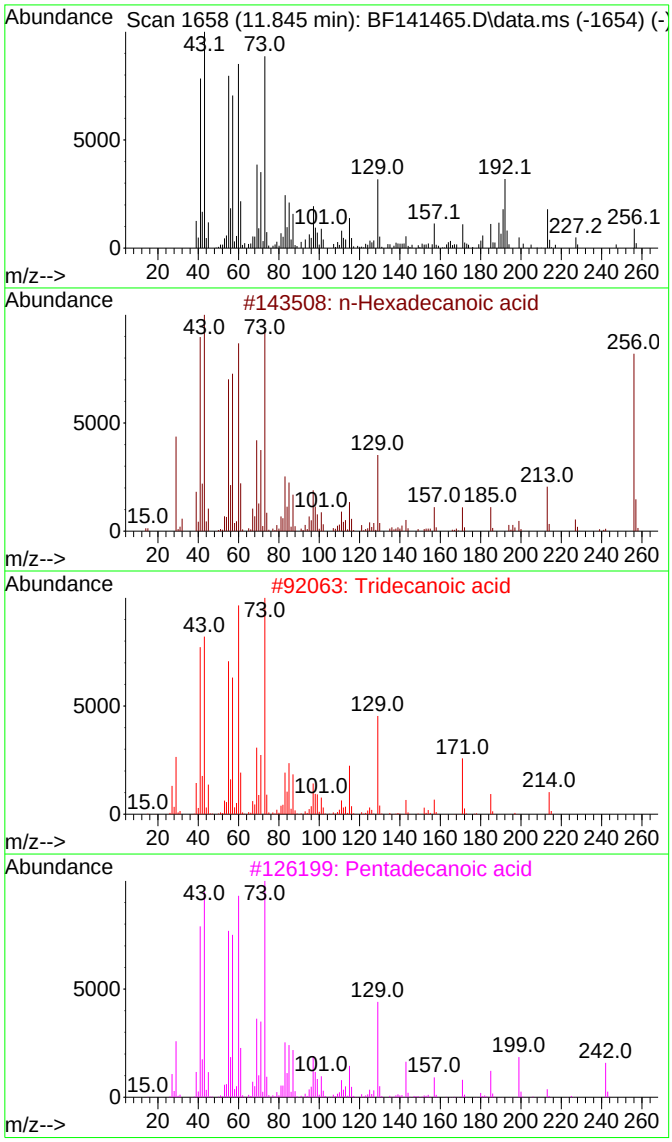
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

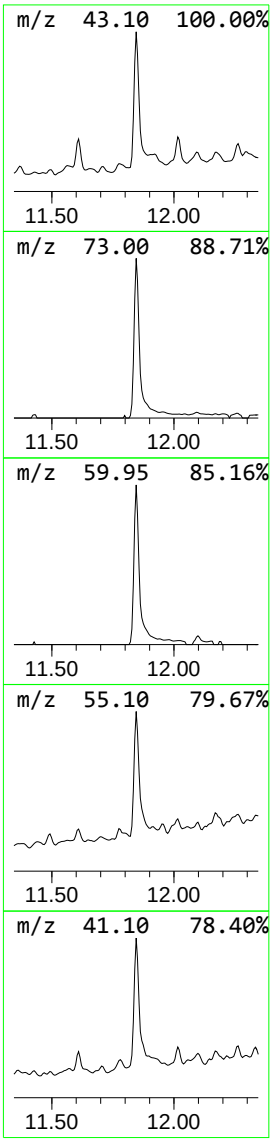
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	5.94 ng	166206	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

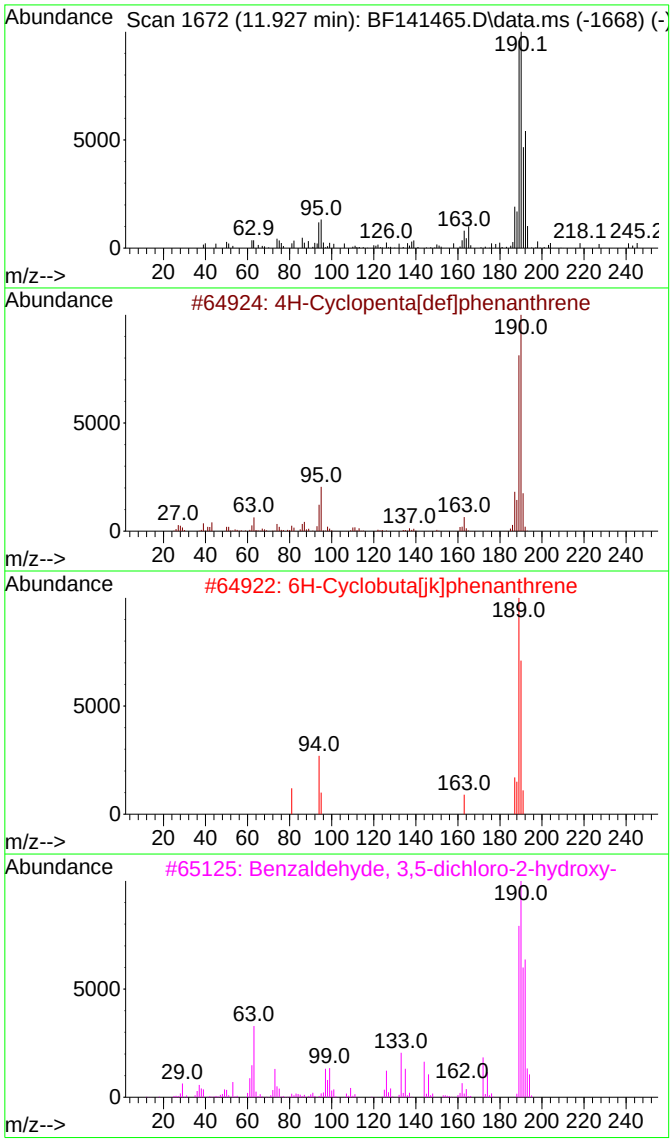
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

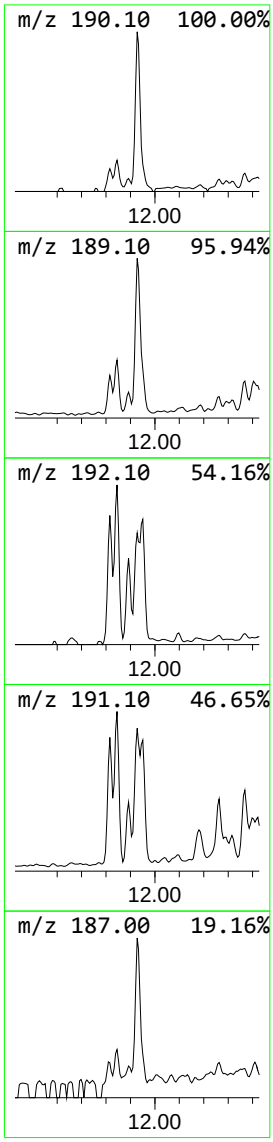
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.69 ng	103308	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
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Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

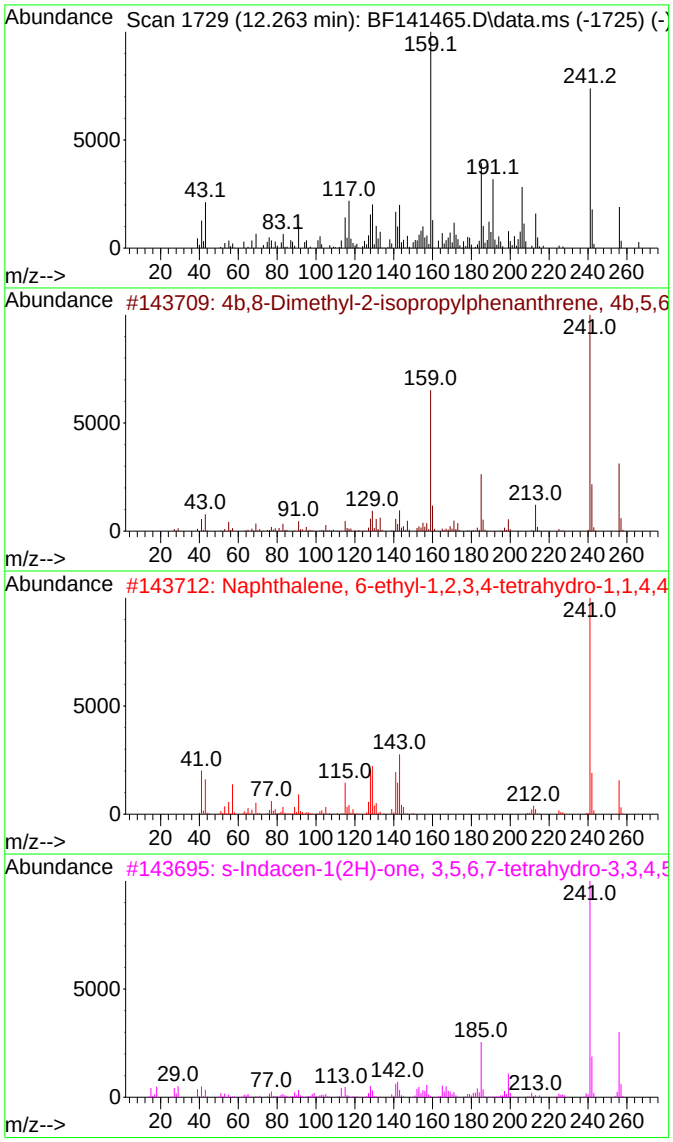
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

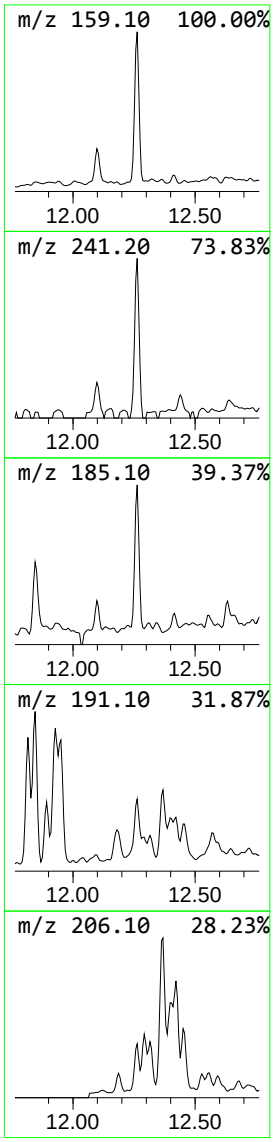
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	2.17 ng	60698	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	30
4	Sebacic acid, butyl 6-ethyloct-3...	398	C24H46O4	1000354-18-4	27
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

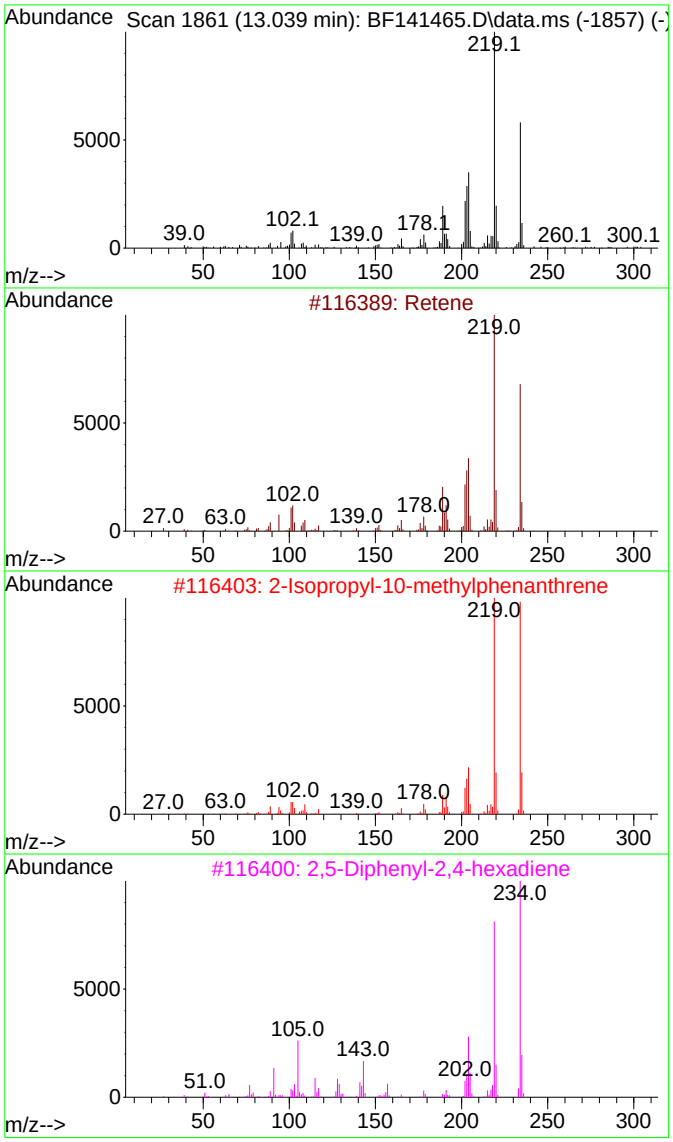
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

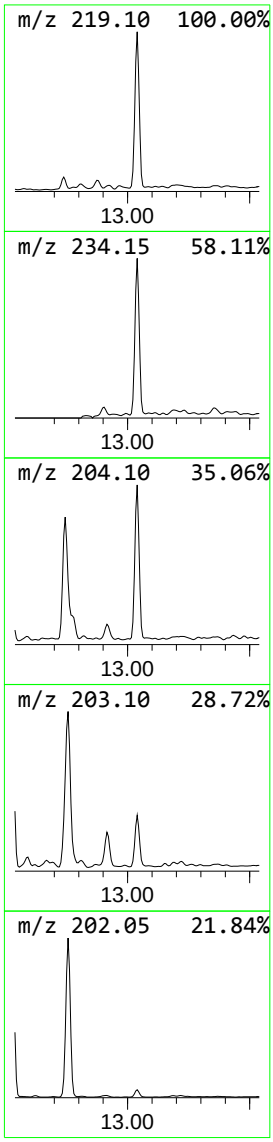
****

Peak Number 8 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	4.41 ng	150233	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	81
4	4-(1H-Inden-1-ylidenemethyl)phen...	219	C16H13N	000487-61-6	60
5	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141465.D
Acq On : 05 Feb 2025 23:15
Operator : RC/JU
Sample : Q1207-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-16.2-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
Hexadecane	8.663	2.4	ng	62151	2	8.075	511096	20.0
Nonadecane	9.227	3.2	ng	76587	3	9.827	473444	20.0
Benzophenone	10.539	6.1	ng	144524	3	9.827	473444	20.0
Tridecane	10.739	2.2	ng	60566	4	11.316	560075	20.0
n-Hexadecanoic ...	11.845	5.9	ng	166206	4	11.316	560075	20.0
4H-Cyclopenta[d...	11.927	3.7	ng	103308	4	11.316	560075	20.0
4b,8-Dimethyl-2...	12.263	2.2	ng	60698	4	11.316	560075	20.0
Retene	13.039	4.4	ng	150233	5	13.957	681162	20.0