LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	548	552	575	rBV	2883187	2847663	96.61%	9.956%
2	6.363	723	727	756	rBV	2990703	2947462	100.00%	10.305%
3	6.728	785	789	802	rBV	804563	791477	26.85%	2.767%
4	7.292	881	885	897	rBV	1746920	1725040	58.53%	6.031%
5	8.004	1003	1006	1026	rBV	989091	994915	33.75%	3.478%
6	9.081	1186	1189	1200	rBV	3079844	2693104	91.37%	9.416%
7	9.198	1207	1209	1214	rVB	38591	40540	1.38%	0.142%
8	9.692	1290	1293	1298	rBV	48574	40735	1.38%	0.142%
9	9.757	1301	1304	1307	rVV	1183162	947915	32.16%	3.314%
10	9.792	1307	1310	1317	rVB	103321	115469	3.92%	0.404%
11	9.922	1328	1332	1335	rBV4	27583	30574	1.04%	0.107%
12	9.969	1335	1340	1344	rVV3	21076	32857	1.11%	0.115%
13	10.192	1375	1378	1381	rBV	123209	87654	2.97%	0.306%
14	10.304	1393	1397	1403	rBV2	54948	64339	2.18%	0.225%
15	10.410	1410	1415	1418	rBV2	44314	60671	2.06%	0.212%
16	10.545	1433	1438	1453	rBV	1480560	1458159	49.47%	5.098%
17	10.663	1455	1458	1467	rVB	156907	208777	7.08%	0.730%
18	10.851	1487	1490	1493	rBV2	107611	101474	3.44%	0.355%
19	11.110	1528	1534	1537	rBV	134739	131446	4.46%	0.460%
20	11.139	1537	1539	1544	rVB	95690	94560	3.21%	0.331%
21	11.239	1553	1556	1558	rBV	976031	861521	29.23%	3.012%
22	11.263	1558	1560	1566	rVV	786439	743583	25.23%	2.600%
23	11.316	1566	1569	1574	rVB	154930	160735	5.45%	0.562%
24	11.486	1594	1598	1604	rBV3	49152	80089	2.72%	0.280%
25	11.539	1604	1607	1610	rVV	131375	106220	3.60%	0.371%
26	11.575	1610	1613	1618	rVB3	22463	34201	1.16%	0.120%
27	11.639	1621	1624	1630	rVB2	51740	59949	2.03%	0.210%
28	11.745	1639	1642	1644	rBV	92896	80497	2.73%	0.281%
29	11.775	1644	1647	1651	rVV	125489	124756	4.23%	0.436%
30	11.851	1657	1660	1663	rBV	154695	168055	5.70%	0.588%
31	11.875	1663	1664	1671	rVB	72691	70528	2.39%	0.247%
32	11.945	1671	1676	1679	rBV	92907	89991	3.05%	0.315%
33	12.039	1690	1692	1695	rBV	61389	52622	1.79%	0.184%
34	12.069	1695	1697	1702	rVB	44155	39006	1.32%	0.136%
35	12.292	1732	1735	1738	rBV	65438	69467	2.36%	0.243%
36	12.333	1738	1742	1747	rVV3	102796	168569	5.72%	0.589%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.380	1747	1750	1754	rVB2	52017	59438	2.02%	0.208%
38	12.451	1759	1762	1766	rBV	1310383	1135024	38.51%	3.968%
39	12.604	1785	1788	1791	rVV	41549	37794	1.28%	0.132%
40	12.645	1792	1795	1796	rVV	94187	85923	2.92%	0.300%
41	12.680	1796	1801	1804	rVV	1180451	1233323	41.84%	4.312%
42	12.733	1807	1810	1814	rVB2	52215	62377	2.12%	0.218%
43	12.827	1822	1826	1829	rBV	2529717	2149661	72.93%	7.516%
44	12.851	1829	1830	1834	rVB	108020	90064	3.06%	0.315%
45	12.898	1834	1838	1842	rBV2	64827	98357	3.34%	0.344%
46	12.986	1850	1853	1854	rBV2	54402	60100	2.04%	0.210%
47	13.010	1854	1857	1861	rVB	175860	166984	5.67%	0.584%
48	13.074	1863	1868	1871	rBV2	126884	122945	4.17%	0.430%
49	13.110	1871	1874	1877	rBV2	108353	114336	3.88%	0.400%
50	13.204	1887	1890	1893	rBV	63834	55528	1.88%	0.194%
51	13.233	1893	1895	1899	rBV	54333	54613	1.85%	0.191%
52	13.369	1914	1918	1921	rBV	126222	129640	4.40%	0.453%
53	13.404	1921	1924	1927	rVV3	36284	45511	1.54%	0.159%
54	13.521	1941	1944	1948	rVB	59972	62014	2.10%	0.217%
55	13.627	1959	1962	1965	rBV	92618	91128	3.09%	0.319%
56	13.657	1965	1967	1969	rBV	69201	54005	1.83%	0.189%
57	13.674	1969	1970	1972	rBV	46012	33630	1.14%	0.118%
58	13.727	1977	1979	1982	rBV	79844	86396	2.93%	0.302%
59	13.874	1999	2004	2007	rBV2	1076687	1445731	49.05%	5.055%
60	13.904	2007	2009	2017	rVB	521983	464880	15.77%	1.625%
61	13.980	2020	2022	2025	rVB	105934	94832	3.22%	0.332%
62	14.263	2068	2070	2074	rVB2	66232	60606	2.06%	0.212%
63	14.298	2074	2076	2079	rVB	44865	33091	1.12%	0.116%
64	14.357	2083	2086	2089	rVB2	67039	71293	2.42%	0.249%
65	14.386	2089	2091	2093	rBV3	43007	37499	1.27%	0.131%
66	14.510	2109	2112	2117	rBV2	81623	87893	2.98%	0.307%
67	14.898	2174	2178	2181	rBV	354707	540190	18.33%	1.889%
68	15.180	2223	2226	2232	rVB	200369	248909	8.44%	0.870%
69	15.245	2233	2237	2242	rVB	254033	312668	10.61%	1.093%
70	15.304	2243	2247	2250	rBV	429978	537670	18.24%	1.880%
71	16.692	2479	2483	2490	rVB2	85431	159087	5.40%	0.556%
72	17.109	2550	2554	2563	rVB2	80069	154120	5.23%	0.539%

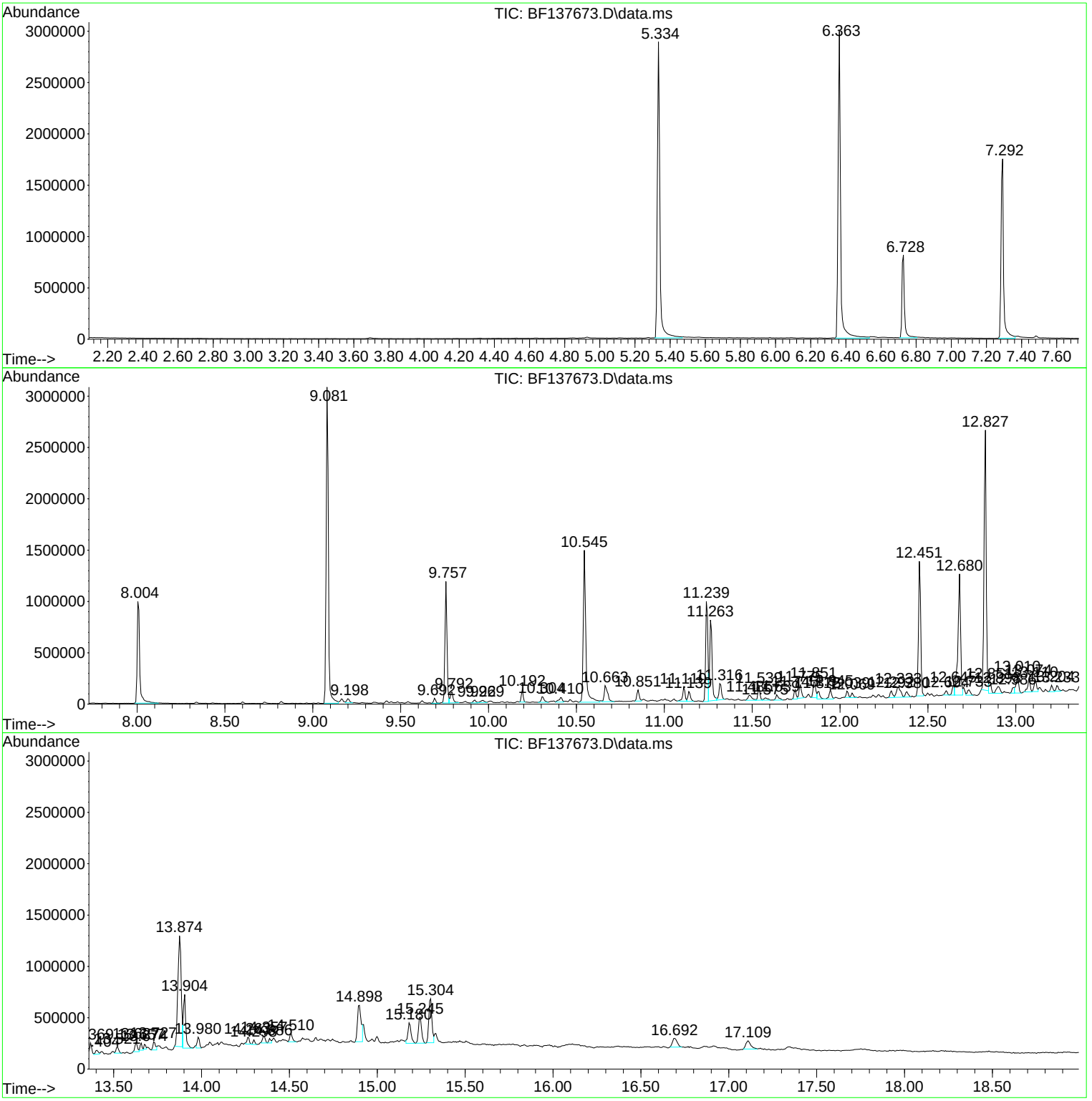
Sum of corrected areas: 28601880

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

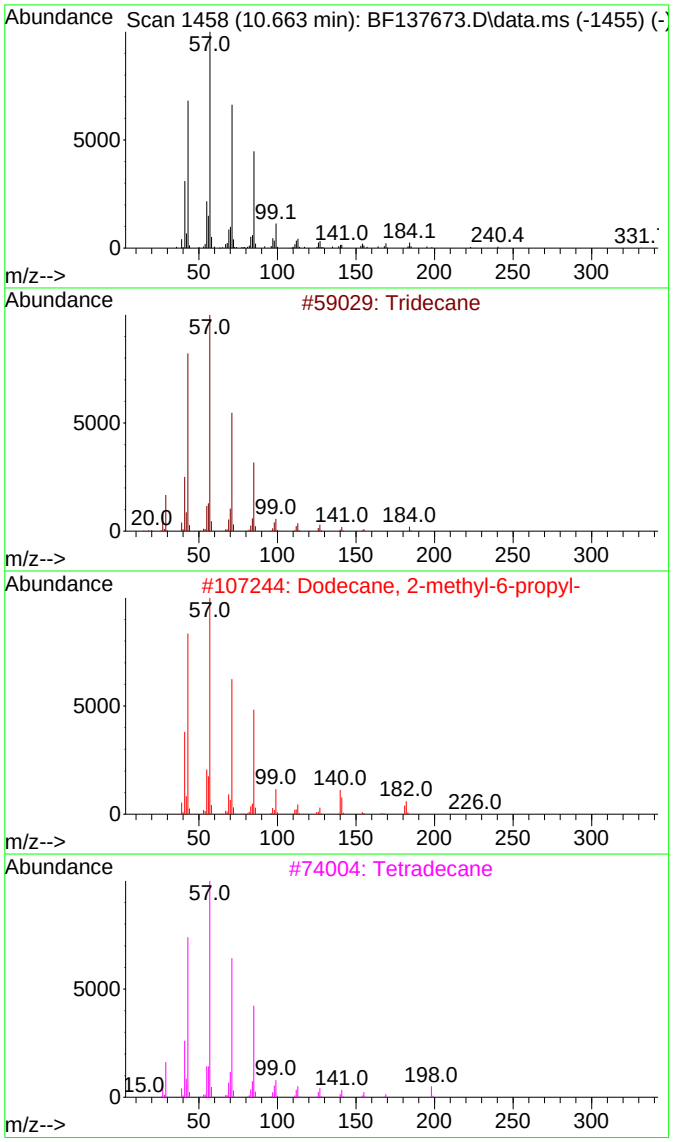
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

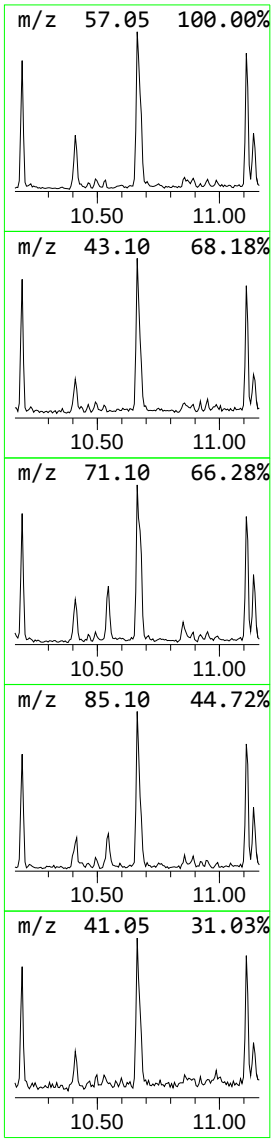
****

Peak Number 1 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.663	4.85 ng	208777	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

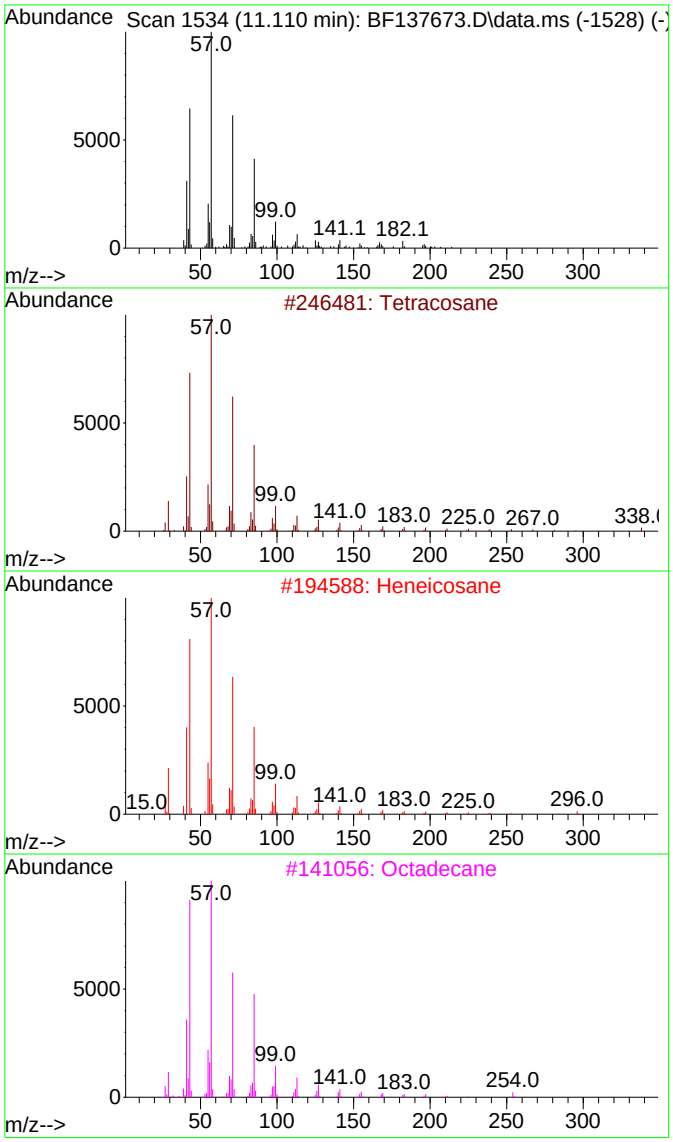
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

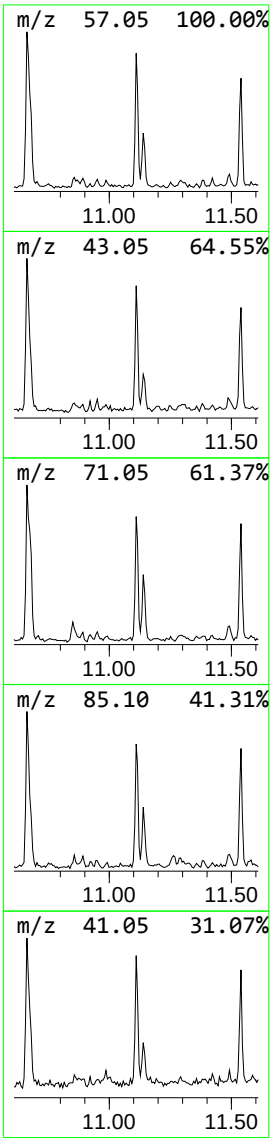
****

Peak Number 2 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	3.05 ng	131446	Phenanthrene-d10	11.239

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	Octadecane	254	C18H38	000593-45-3	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

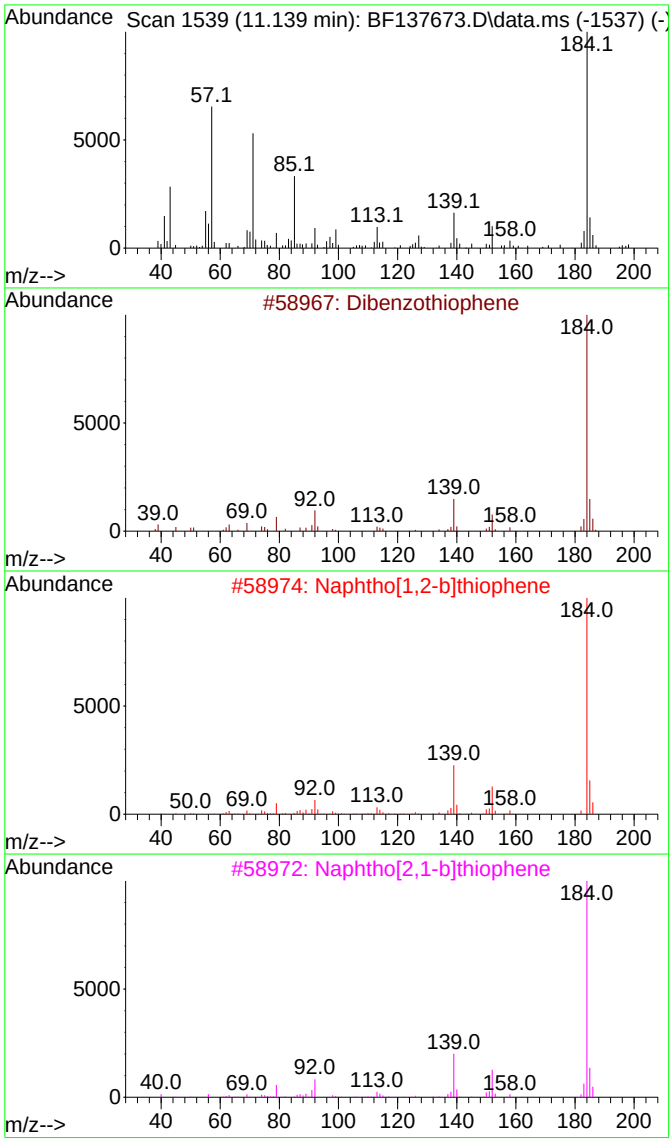
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

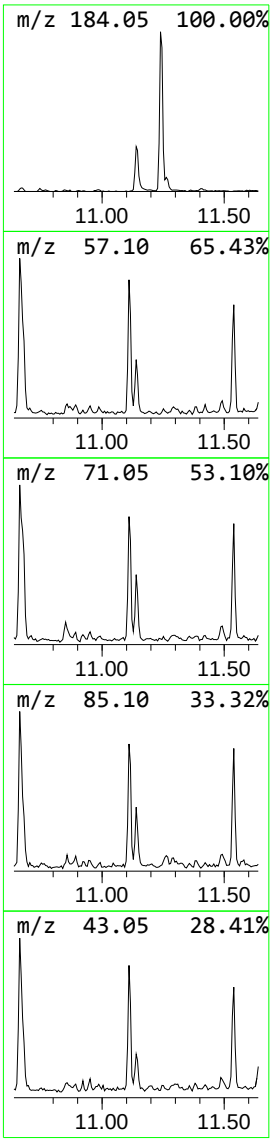
****

Peak Number 3 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	2.20 ng	94560	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	64
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	64
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

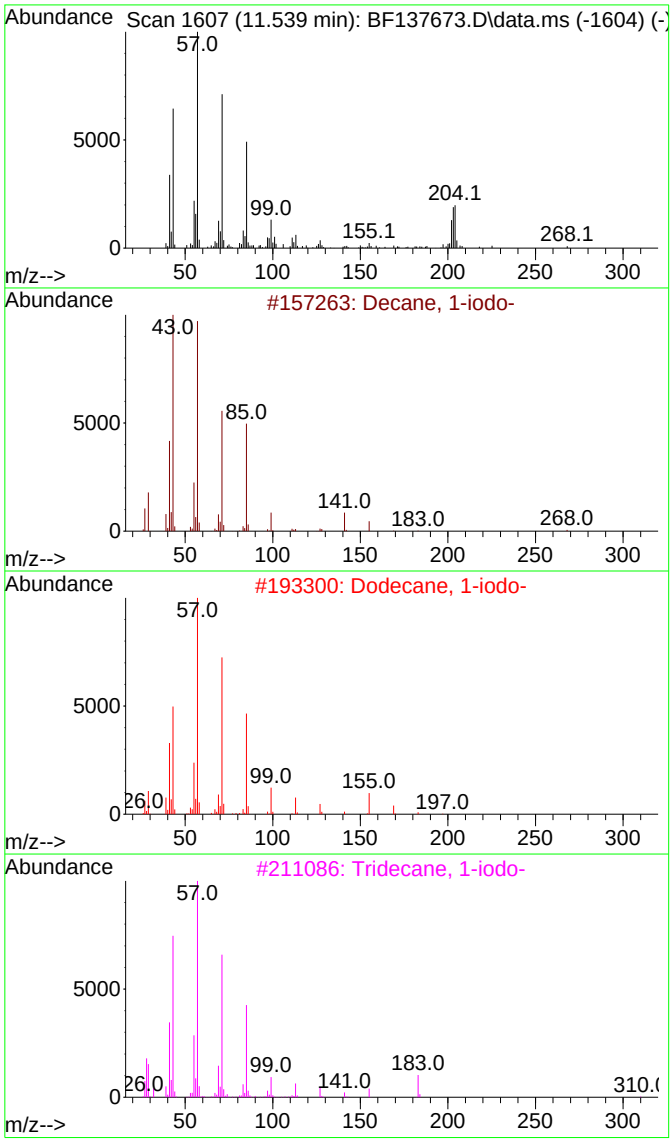
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

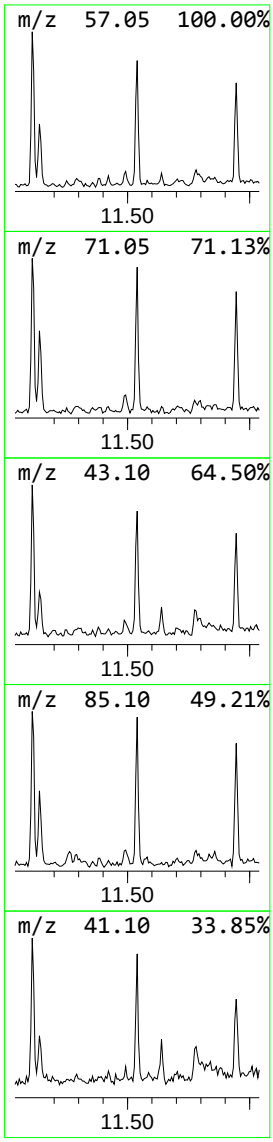
****

Peak Number 4 Decane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	2.47 ng	106220	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	62
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

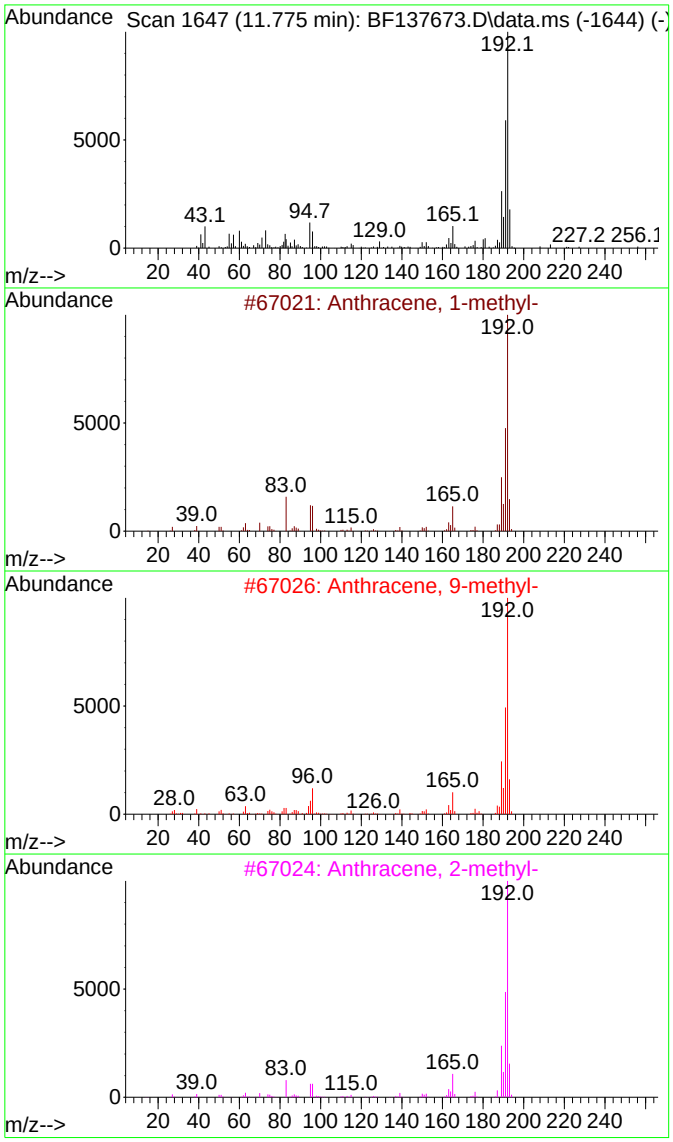
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

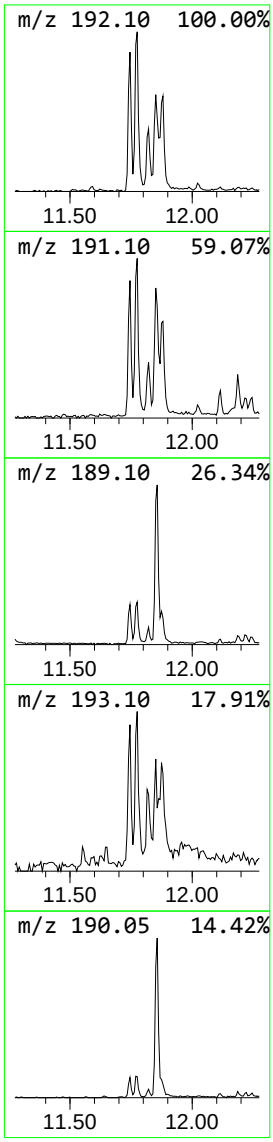
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	2.90 ng	124756	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

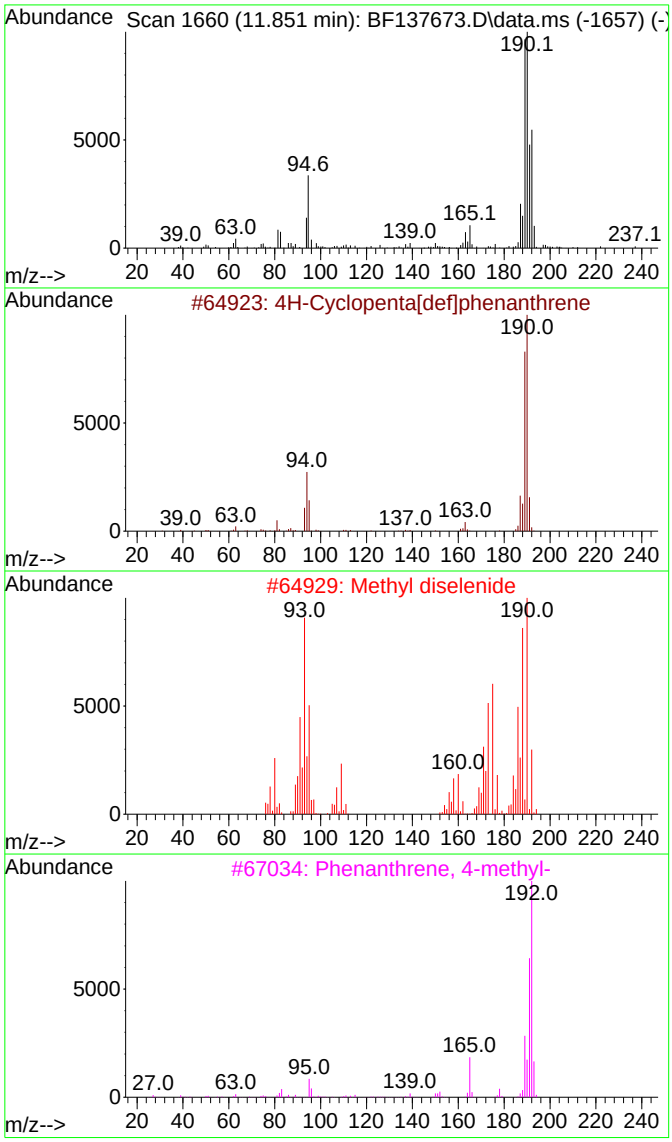
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

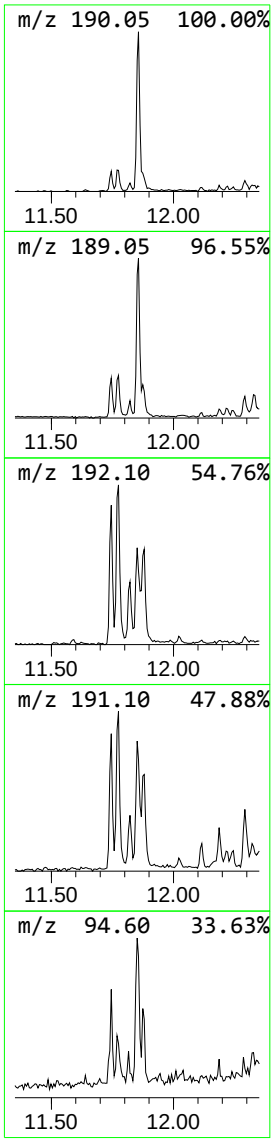
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.90 ng	168055	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

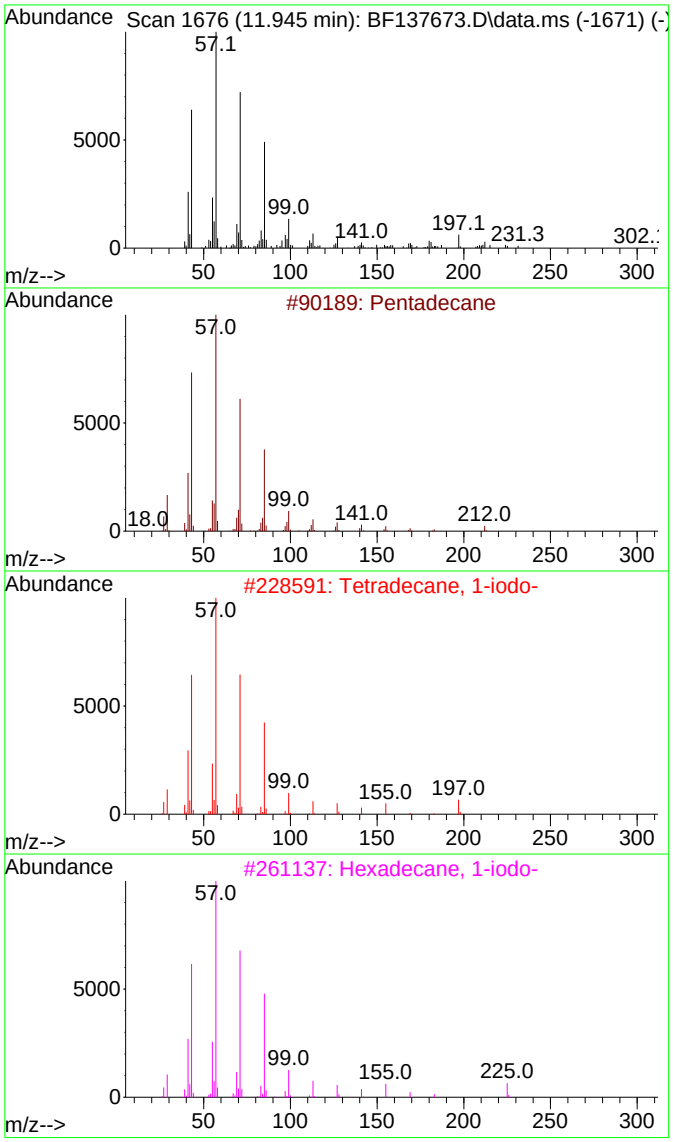
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

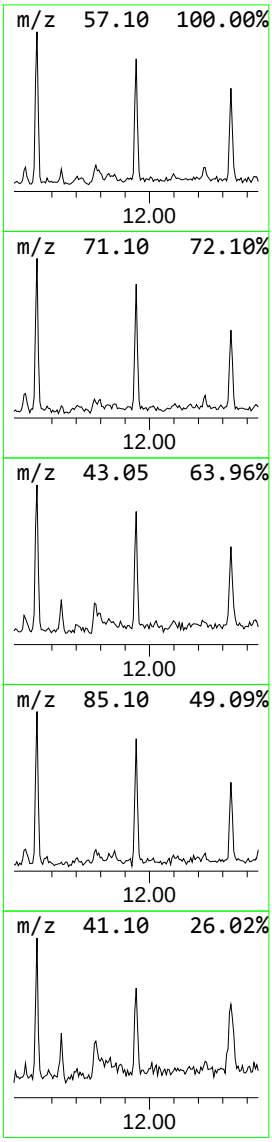
****

Peak Number 7 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.09 ng	89991	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

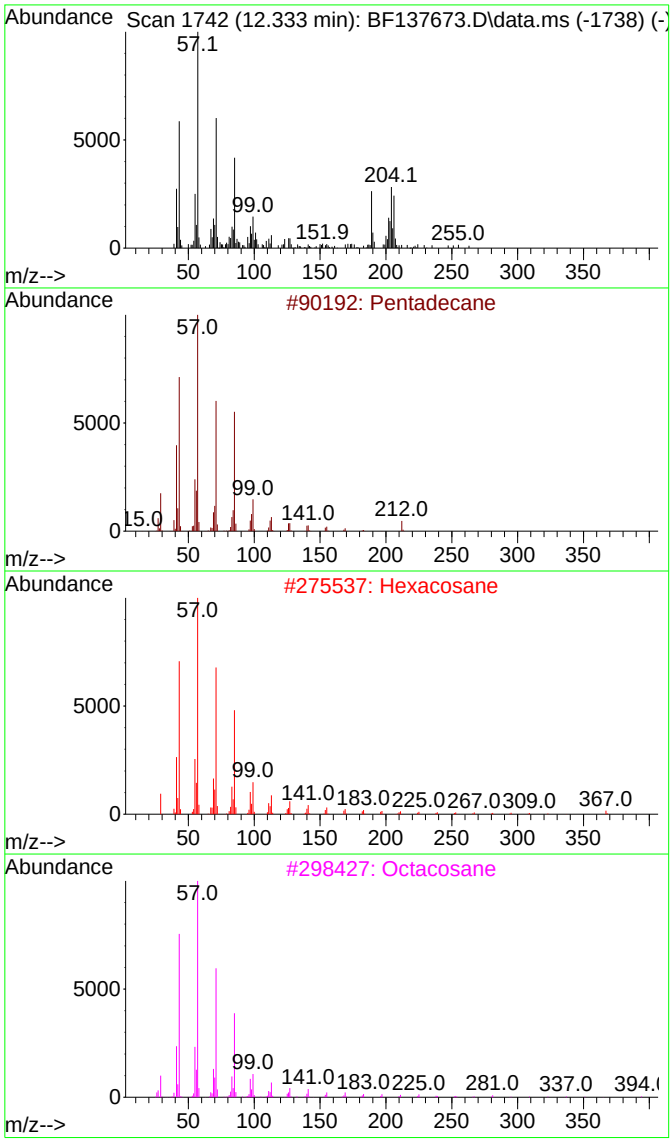
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

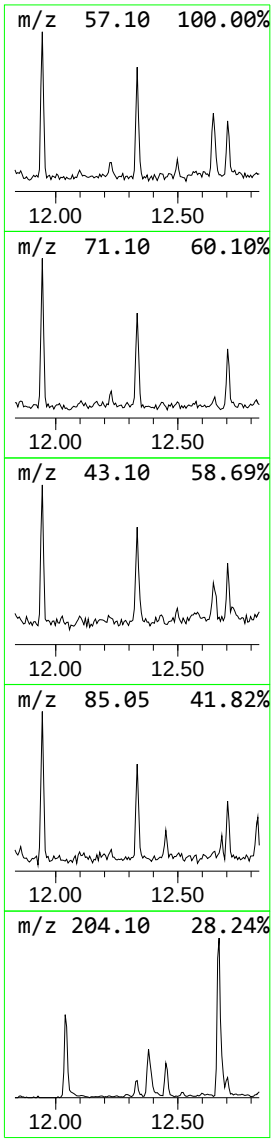
****

Peak Number 8 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	3.91 ng	168569	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	50
2	Hexacosane	366	C26H54	000630-01-3	45
3	Octacosane	394	C28H58	000630-02-4	45
4	Tetracosane	338	C24H50	000646-31-1	43
5	Pentacosane	352	C25H52	000629-99-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

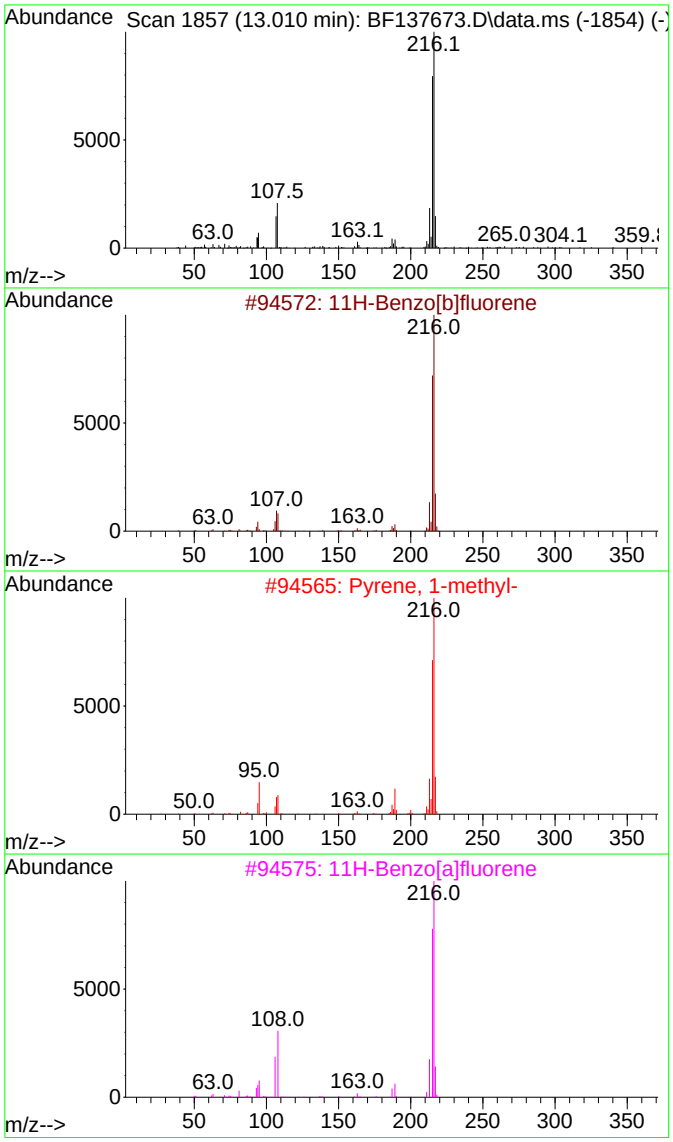
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

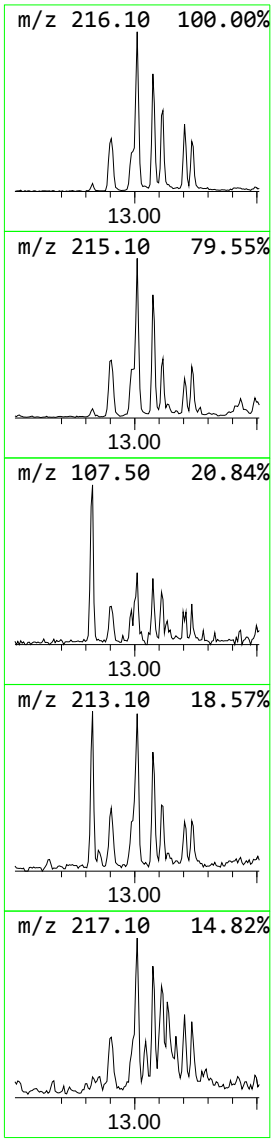
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	2.31 ng	166984	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

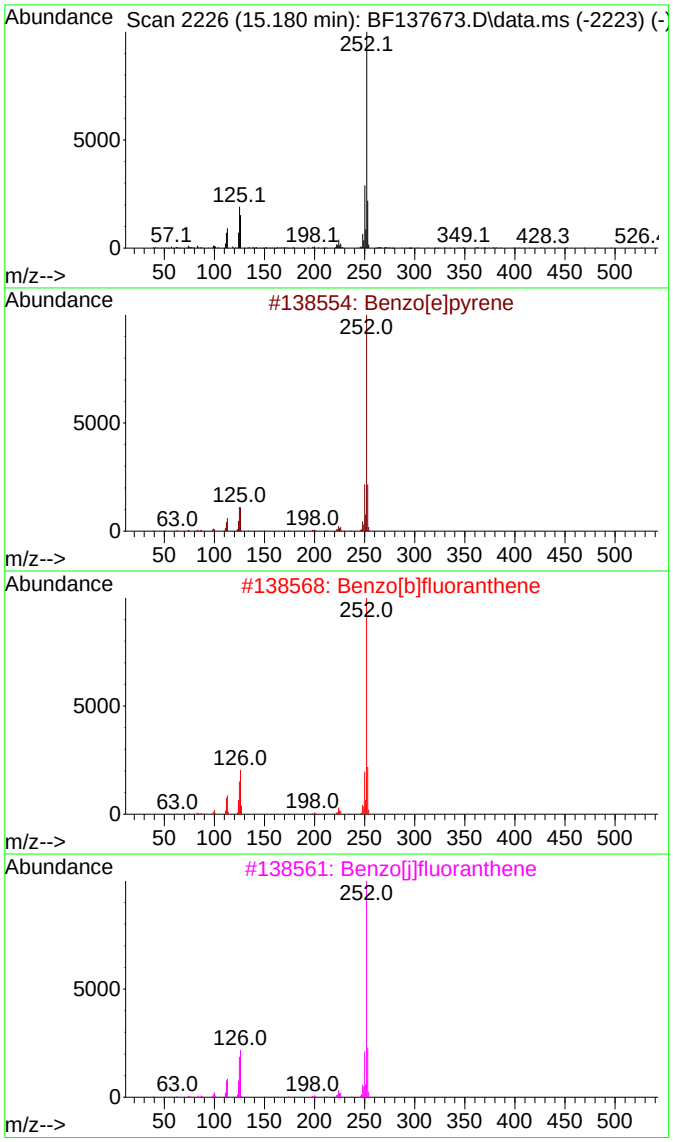
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

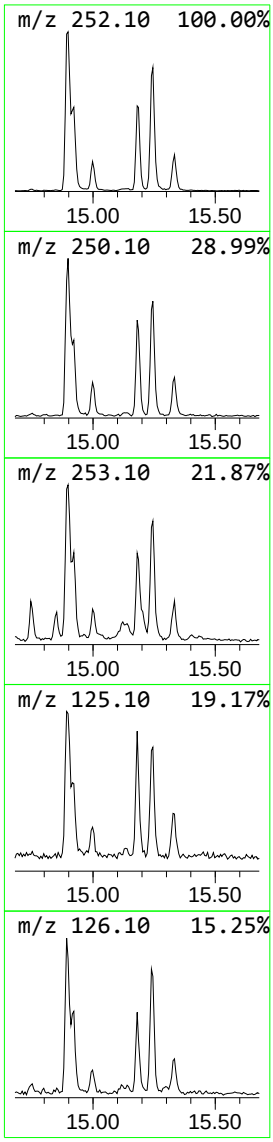
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	9.26 ng	248909	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137673.D
Acq On : 21 Mar 2024 21:24
Operator : CG\JU
Sample : P1817-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-148-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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
Tridecane	10.663	4.8	ng	208777	4	11.239	861521	20.0
Tetracosane	11.110	3.0	ng	131446	4	11.239	861521	20.0
Dibenzothiophene	11.139	2.2	ng	94560	4	11.239	861521	20.0
Decane, 1-iodo-	11.539	2.5	ng	106220	4	11.239	861521	20.0
Anthracene, 1-m...	11.775	2.9	ng	124756	4	11.239	861521	20.0
4H-Cyclopenta[d...	11.851	3.9	ng	168055	4	11.239	861521	20.0
Pentadecane	11.945	2.1	ng	89991	4	11.239	861521	20.0
Hexacosane	12.333	3.9	ng	168569	4	11.239	861521	20.0
11H-Benzo[b]flu...	13.010	2.3	ng	166984	5	13.880	1445730	20.0
Benzo[e]pyrene	15.180	9.3	ng	248909	6	15.304	537670	20.0