LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129149.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.198	492	495	505	rVB	55616	70196	1.21%	0.138%
2	5.581	555	560	563	rBV	5260950	5163494	89.27%	10.138%
3	6.575	724	729	732	rBV	5310013	5086464	87.94%	9.986%
4	6.957	790	794	797	rBV	1794460	1469930	25.41%	2.886%
5	7.516	884	889	892	rBV	3852991	3334328	57.65%	6.546%
6	8.239	1008	1012	1014	rBV	2230867	1807880	31.26%	3.549%
7	8.257	1014	1015	1018	rVB	131361	92723	1.60%	0.182%
8	9.245	1181	1183	1190	rVB	75140	80147	1.39%	0.157%
9	9.310	1190	1194	1198	rBV	6120730	5784120	100.00%	11.356%
10	9.386	1204	1207	1210	rVB3	84784	88028	1.52%	0.173%
11	9.704	1258	1261	1264	rBV	211910	186113	3.22%	0.365%
12	9.857	1284	1287	1290	rBV	222362	188082	3.25%	0.369%
13	9.910	1293	1296	1299	rVB3	128042	143308	2.48%	0.281%
14	9.998	1305	1311	1314	rBV	2118252	1729555	29.90%	3.396%
15	10.027	1314	1316	1320	rVB	210555	166343	2.88%	0.327%
16	10.198	1343	1345	1348	rVB	85543	75712	1.31%	0.149%
17	10.316	1360	1365	1366	rBV3	123377	161608	2.79%	0.317%
18	10.339	1366	1369	1371	rVV3	56353	97889	1.69%	0.192%
19	10.545	1402	1404	1408	rVB	87724	85307	1.47%	0.167%
20	10.633	1417	1419	1421	rVB2	105575	84913	1.47%	0.167%
21	10.786	1441	1445	1455	rVB	3492807	2988936	51.67%	5.868%
22	10.904	1460	1465	1472	rVB	238472	350318	6.06%	0.688%
23	11.339	1536	1539	1541	rBV2	109243	86702	1.50%	0.170%
24	11.368	1541	1544	1546	rBV2	90355	93517	1.62%	0.184%
25	11.492	1561	1565	1567	rBV	1711301	1482639	25.63%	2.911%
26	11.516	1567	1569	1572	rVV	427440	357985	6.19%	0.703%
27	11.563	1575	1577	1580	rVB	132037	119324	2.06%	0.234%
28	12.004	1648	1652	1653	rBV2	232505	252191	4.36%	0.495%
29	12.110	1667	1670	1672	rBV	287938	280476	4.85%	0.551%
30	12.721	1771	1774	1779	rVB	1668950	1691989	29.25%	3.322%
31	12.939	1805	1811	1817	rVB	1622100	1821688	31.49%	3.577%
32	13.080	1831	1835	1838	rBV	4771971	4189233	72.43%	8.225%
33	13.151	1844	1847	1852	rVB3	98199	149543	2.59%	0.294%
34	13.245	1860	1863	1864	rBV2	75954	86250	1.49%	0.169%
35	13.268	1864	1867	1870	rVB2	251426	241079	4.17%	0.473%
36	13.333	1875	1878	1880	rBV	234447	184946	3.20%	0.363%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7B

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.368	1880	1884	1887	rVB3	141146	182214	3.15%	0.358%
38	13.462	1898	1900	1903	rVB	88025	80030	1.38%	0.157%
39	13.498	1903	1906	1909	rBV	98254	102680	1.78%	0.202%
40	13.774	1950	1953	1958	rVB	105853	121884	2.11%	0.239%
41	13.892	1968	1973	1975	rBV4	106670	151704	2.62%	0.298%
42	13.915	1975	1977	1979	rBV	124587	95250	1.65%	0.187%
43	13.939	1979	1981	1984	rBV2	89232	92869	1.61%	0.182%
44	14.139	2010	2015	2018	rBV2	2042038	2463311	42.59%	4.836%
45	14.162	2018	2019	2025	rVB	776472	660413	11.42%	1.297%
46	14.233	2027	2031	2036	rBV2	479277	527110	9.11%	1.035%
47	14.286	2037	2040	2042	rBV	91895	87646	1.52%	0.172%
48	14.527	2079	2081	2084	rVB	149322	122256	2.11%	0.240%
49	14.562	2084	2087	2089	rVB	98735	84548	1.46%	0.166%
50	14.592	2090	2092	2095	rBV2	76190	79893	1.38%	0.157%
51	14.651	2100	2102	2105	rVV	109987	127794	2.21%	0.251%
52	14.680	2105	2107	2111	rVB2	119138	103218	1.78%	0.203%
53	15.209	2193	2197	2200	rBV	771363	1137375	19.66%	2.233%
54	15.321	2213	2216	2220	rBV	148454	169345	2.93%	0.332%
55	15.533	2248	2252	2258	rVB	480835	652024	11.27%	1.280%
56	15.598	2259	2263	2269	rVB	628964	812196	14.04%	1.595%
57	15.668	2270	2275	2278	rBV	1358445	1786303	30.88%	3.507%
58	17.215	2533	2538	2546	rVB2	277870	565422	9.78%	1.110%
59	17.686	2613	2618	2631	rVB	212244	455012	7.87%	0.893%

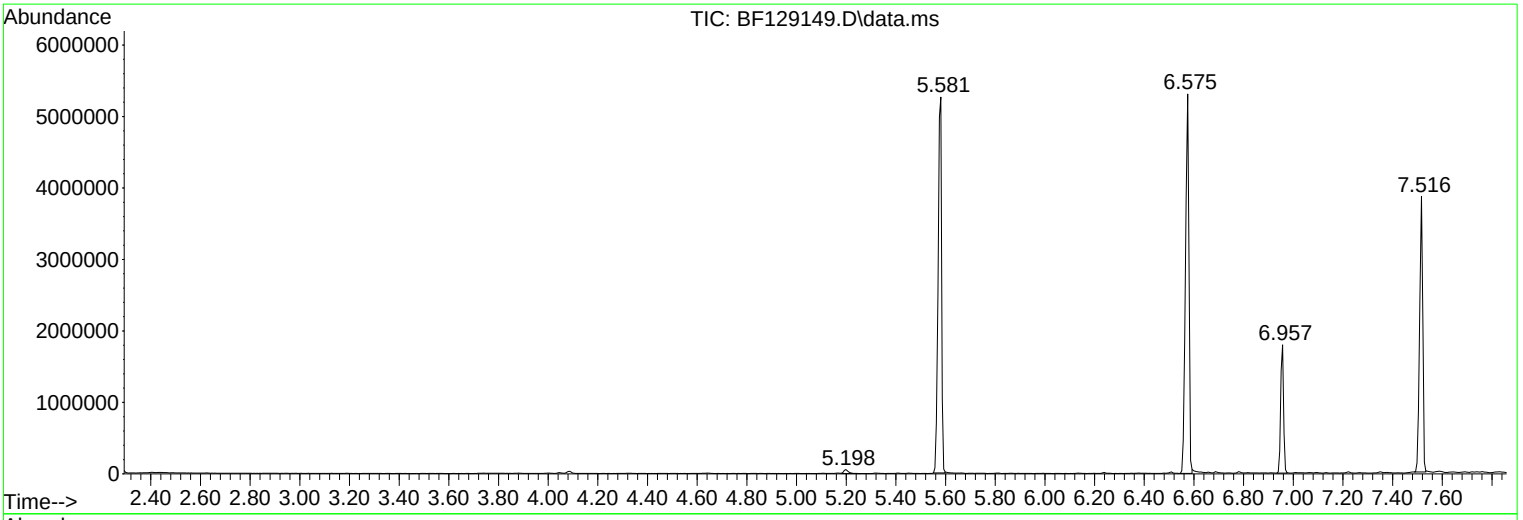
Sum of corrected areas: 50933453

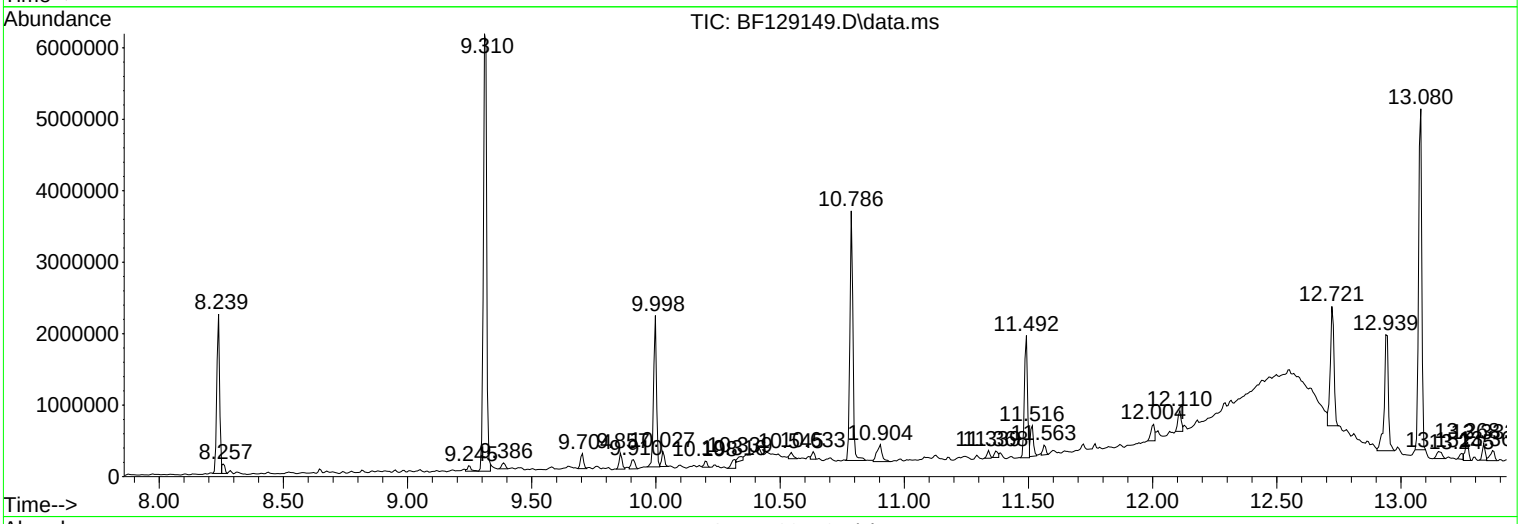
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

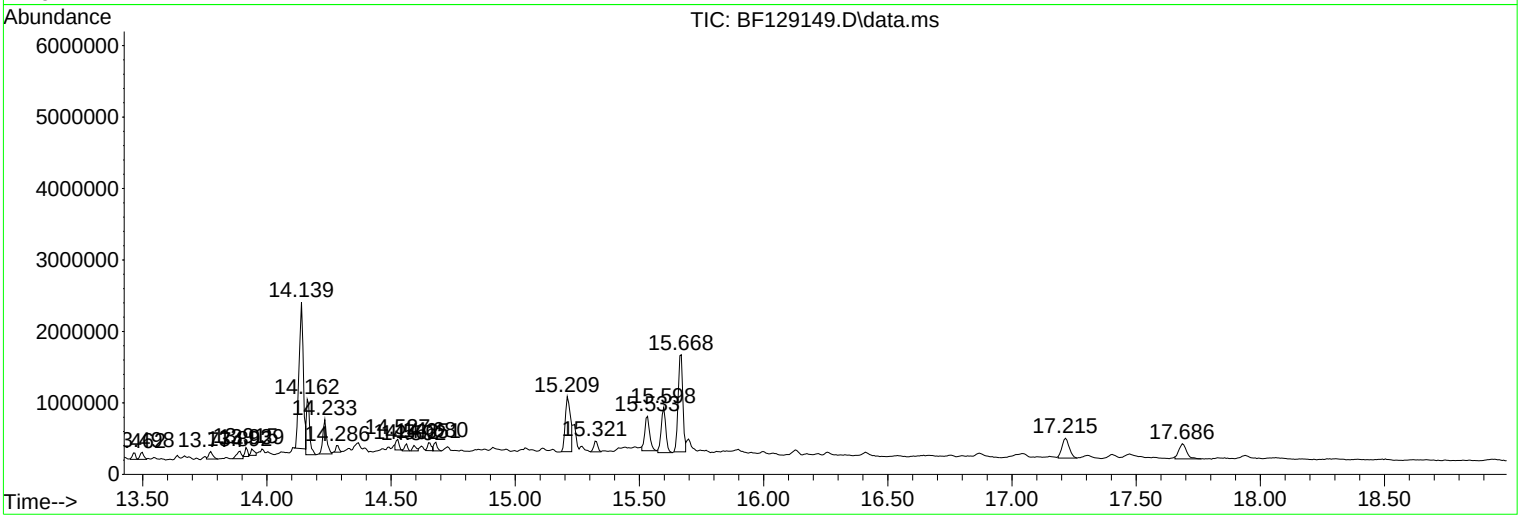
Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

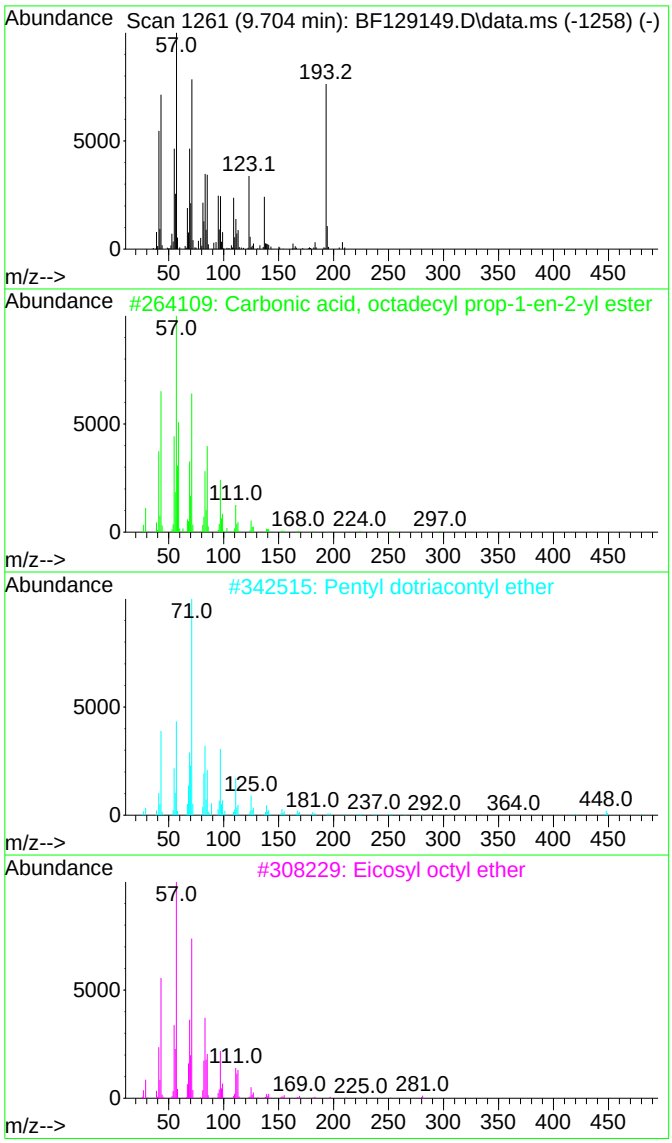
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

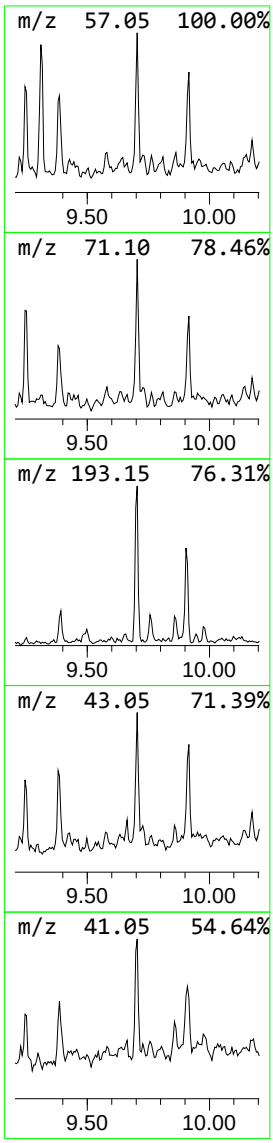
****

Peak Number 1 unknown9.704 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	2.15 ng	186113	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	38
2	Pentyl dotriacontyl ether	537	C37H76O	1000406-42-6	27
3	Eicosyl octyl ether	410	C28H58O	1000406-38-8	27
4	Octyl tetracosyl ether	467	C32H66O	1000406-39-0	27
5	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

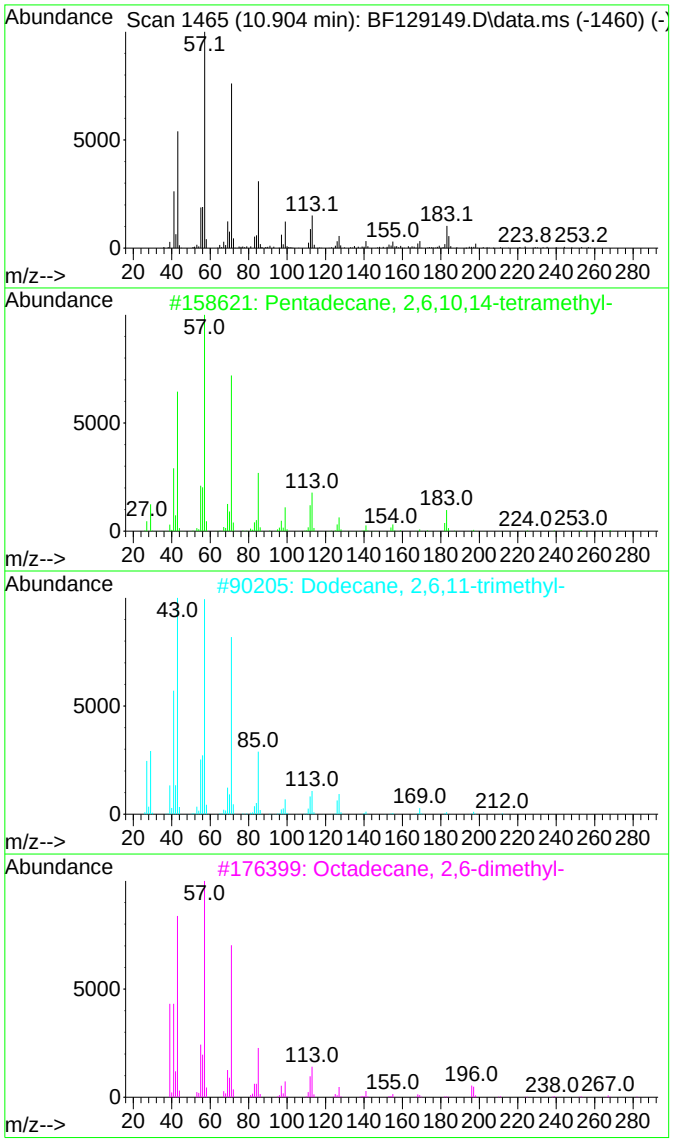
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

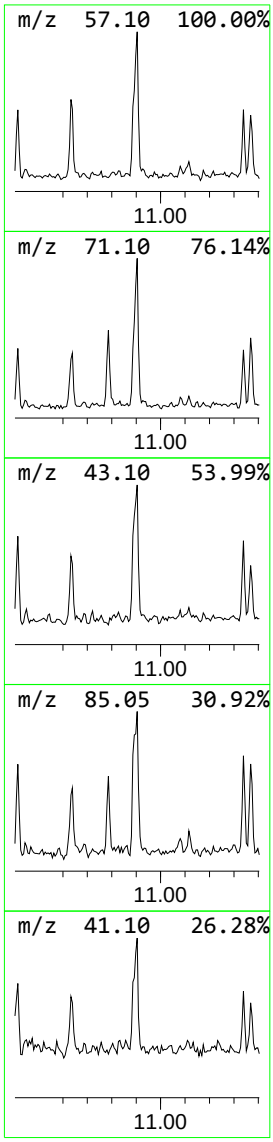
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	4.73 ng	350318	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Decane, 2-methyl-	156	C11H24	006975-98-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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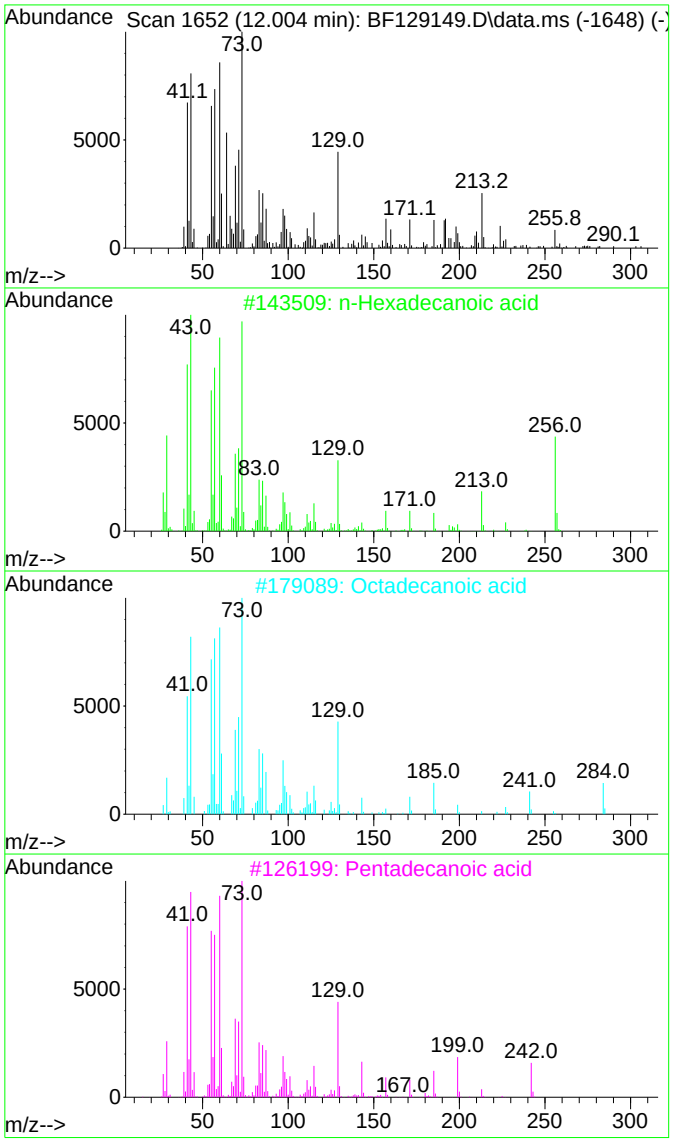
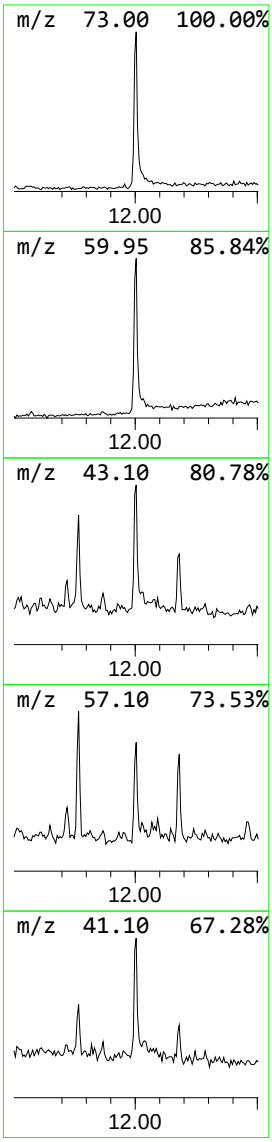
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.40 ng	252191	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	46
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	42
4	Tridecanoic acid	214	C13H26O2	000638-53-9	42
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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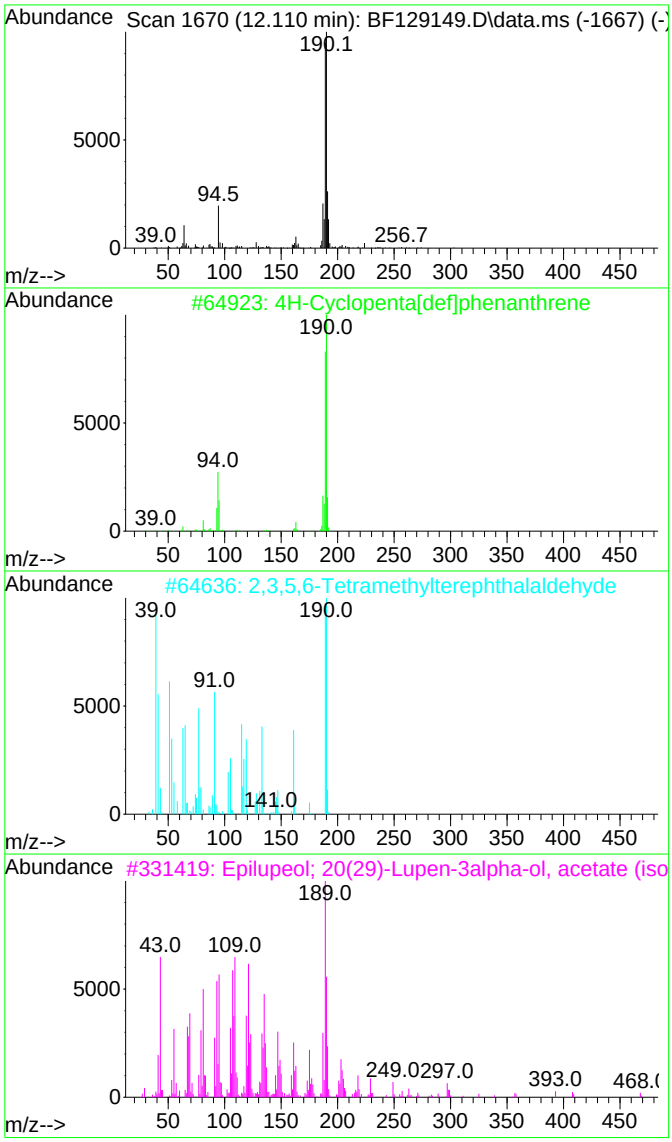
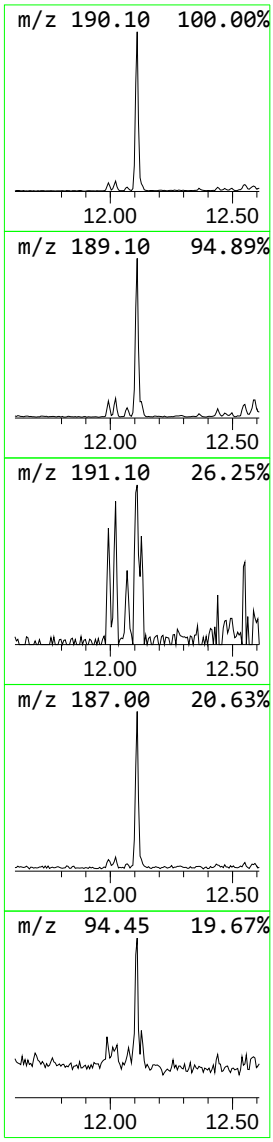
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.78 ng	280476	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Epilupeol; 20(29)-Lupen-3alpha-o...	468	C32H52O2	1010513-01-8	43
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

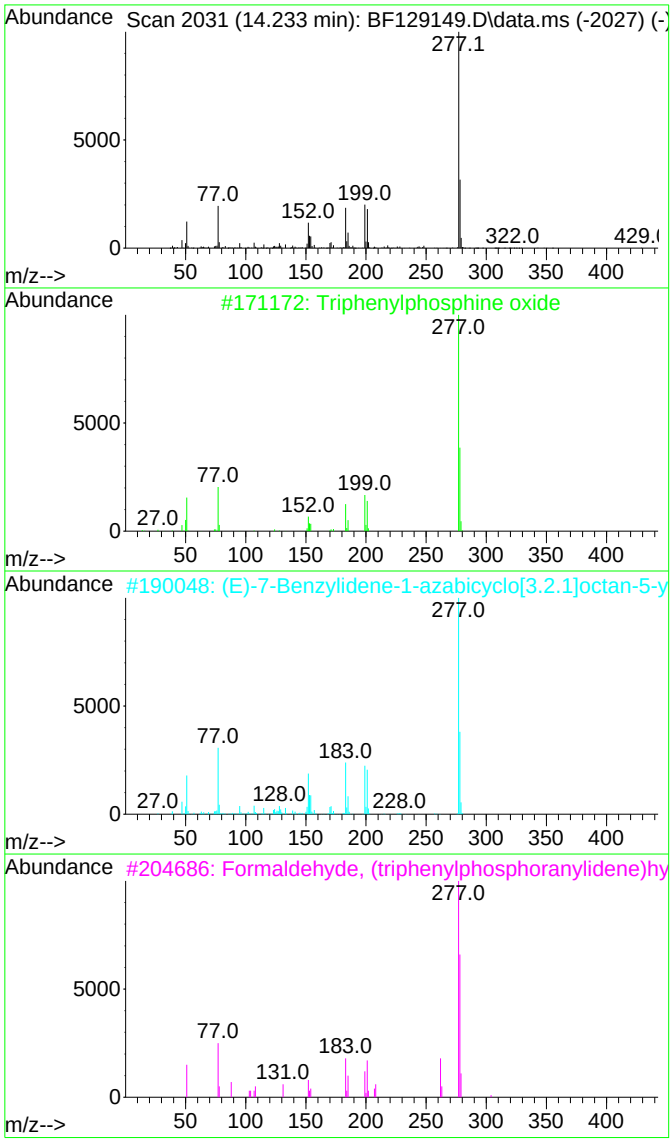
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

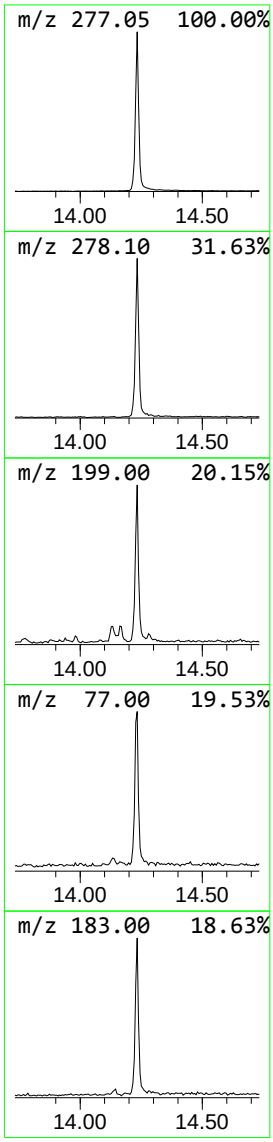
****

Peak Number 6 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	4.28 ng	527110	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	76
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	37
5	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

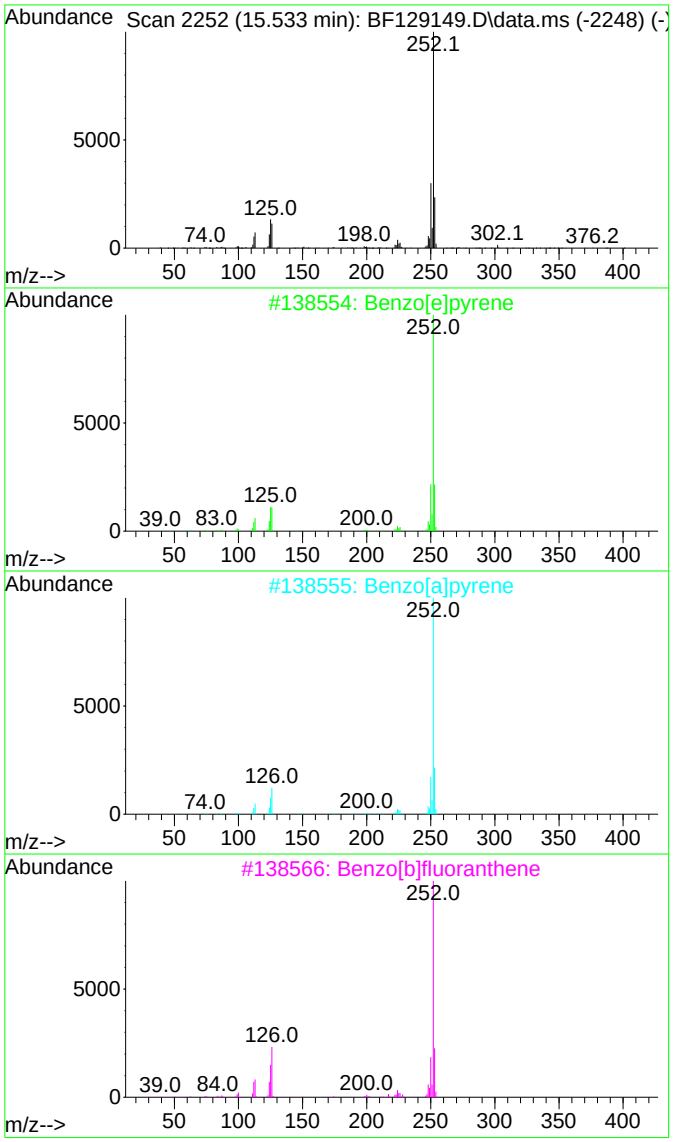
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

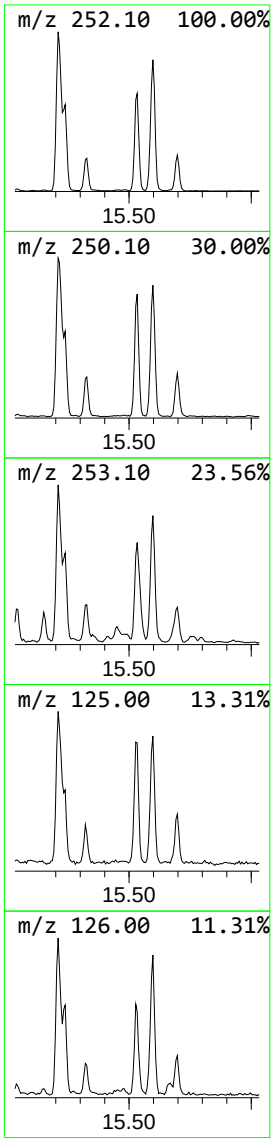
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	7.30 ng	652024	Perylene-d12	15.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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
unknown9.704	9.704	2.1	ng	186113	3	9.998	1729560	20.0
Pentadecane, 2,...	10.904	4.7	ng	350318	4	11.492	1482640	20.0
n-Hexadecanoic ...	12.004	3.4	ng	252191	4	11.492	1482640	20.0
4H-Cyclopenta[d...	12.110	3.8	ng	280476	4	11.492	1482640	20.0
Triphenylphosph...	14.233	4.3	ng	527110	5	14.139	2463310	20.0
Benzo[e]pyrene	15.533	7.3	ng	652024	6	15.668	1786300	20.0