LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-012-A

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-BF070220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	499	501	507	rVB	32777	38783	1.36%	0.145%
2	5.439	566	570	574	rBV	2536622	2454226	86.31%	9.188%
3	6.457	738	743	746	rBV	2652994	2428905	85.42%	9.093%
4	6.657	774	777	782	rBV	43711	41597	1.46%	0.156%
5	6.833	803	807	810	rBV	1408271	1151342	40.49%	4.310%
6	7.392	897	902	905	rBV	1839278	1601193	56.31%	5.995%
7	8.116	1021	1025	1028	rBV	1748672	1453638	51.12%	5.442%
8	9.192	1203	1208	1211	rBV	3253451	2843593	100.00%	10.646%
9	9.292	1218	1225	1226	rBV3	27017	35133	1.24%	0.132%
10	9.580	1271	1274	1279	rBV	412049	363163	12.77%	1.360%
11	9.727	1296	1299	1304	rBV	62293	49680	1.75%	0.186%
12	9.869	1319	1323	1327	rBV	1759883	1469507	51.68%	5.502%
13	10.280	1389	1393	1395	rBV2	29662	36826	1.30%	0.138%
14	10.416	1413	1416	1423	rVB	30062	31054	1.09%	0.116%
15	10.657	1452	1457	1460	rBV	1514158	1486419	52.27%	5.565%
16	10.780	1475	1478	1482	rVB2	36379	47697	1.68%	0.179%
17	11.227	1547	1554	1556	rBV5	38094	64471	2.27%	0.241%
18	11.357	1572	1576	1578	rBV	1365674	1316915	46.31%	4.930%
19	11.374	1578	1579	1583	rVV	265741	210050	7.39%	0.786%
20	11.427	1583	1588	1591	rVB	95631	98624	3.47%	0.369%
21	11.857	1658	1661	1663	rBV	49698	43451	1.53%	0.163%
22	11.886	1663	1666	1669	rVB	87953	79583	2.80%	0.298%
23	11.968	1676	1680	1682	rBV2	74935	83145	2.92%	0.311%
24	12.151	1708	1711	1713	rBV	35954	35231	1.24%	0.132%
25	12.174	1713	1715	1721	rVB2	49658	53198	1.87%	0.199%
26	12.233	1722	1725	1729	rBV3	42814	51360	1.81%	0.192%
27	12.333	1739	1742	1746	rBV	192375	200436	7.05%	0.750%
28	12.404	1750	1754	1757	rVV2	59122	86439	3.04%	0.324%
29	12.445	1757	1761	1766	rVV6	46721	87573	3.08%	0.328%
30	12.486	1766	1768	1773	rVV2	39892	50087	1.76%	0.188%
31	12.562	1778	1781	1784	rBV	550957	493896	17.37%	1.849%
32	12.592	1784	1786	1788	rVB	62180	47596	1.67%	0.178%
33	12.662	1795	1798	1800	rBV2	61010	55254	1.94%	0.207%
34	12.792	1814	1820	1823	rBV	549358	581301	20.44%	2.176%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-012-A

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-BF070220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.915	1838	1841	1842	rBV	42440	47324	1.66%	0.177%
36	12.939	1842	1845	1849	rVB	2517977	2334752	82.11%	8.741%
37	13.121	1874	1876	1879	rVB	93010	79686	2.80%	0.298%
38	13.227	1892	1894	1897	rVB2	62115	46530	1.64%	0.174%
39	13.839	1995	1998	2005	rBV2	461247	524319	18.44%	1.963%
40	13.992	2019	2024	2027	rBV2	1536862	1697844	59.71%	6.356%
41	14.015	2027	2028	2031	rVB	270206	197293	6.94%	0.739%
42	14.474	2104	2106	2110	rBV2	226680	284665	10.01%	1.066%
43	15.027	2197	2200	2210	rVB	354849	699768	24.61%	2.620%
44	15.327	2248	2251	2256	rVB	236610	289163	10.17%	1.083%
45	15.386	2259	2261	2265	rVV	200054	209987	7.38%	0.786%
46	15.456	2268	2273	2276	rBV	911887	1128050	39.67%	4.223%

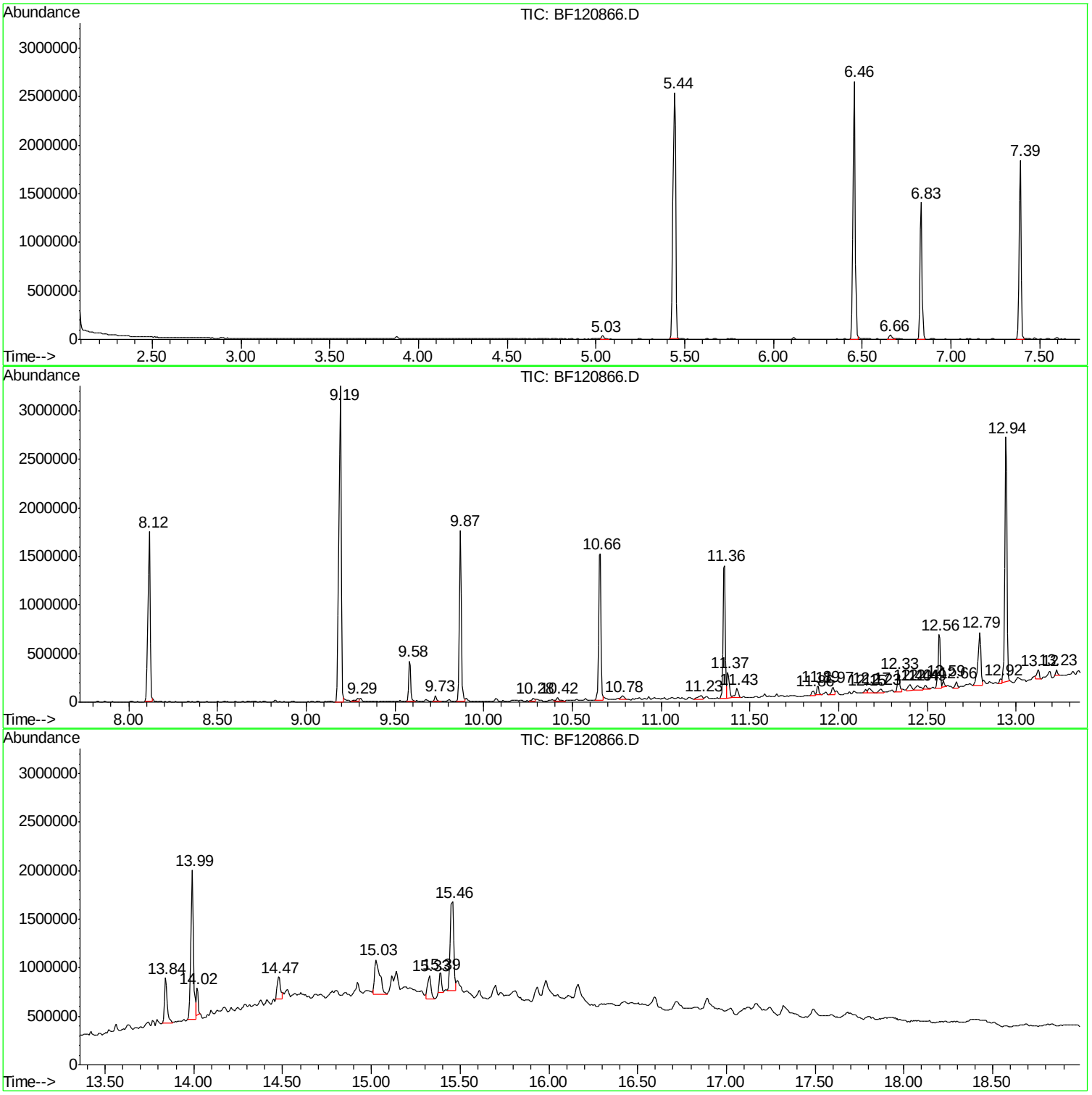
Sum of corrected areas: 26710747

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-012-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-012-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

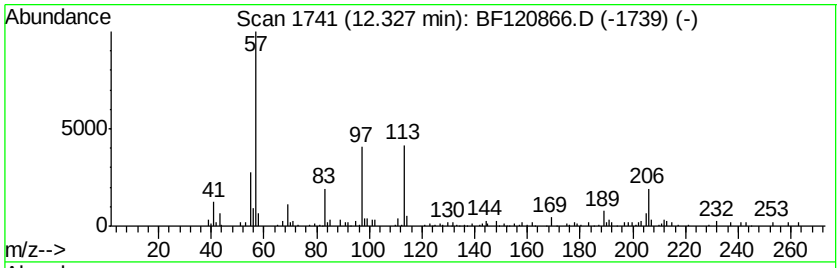
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

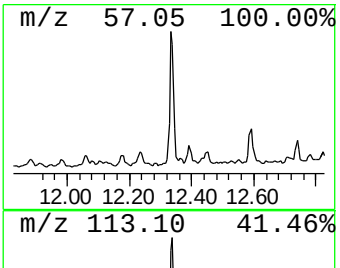
****

Peak Number 1 unknown12.33 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.04 ng	200436	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	38
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
3	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	28
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-012-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

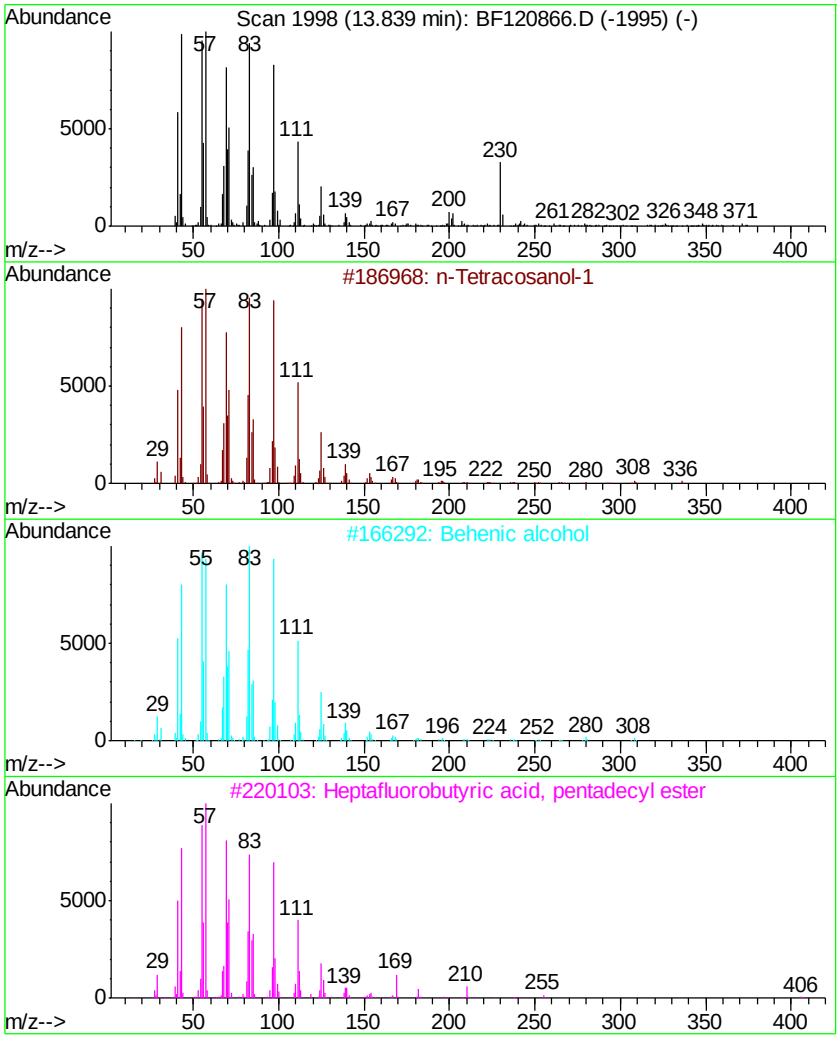
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

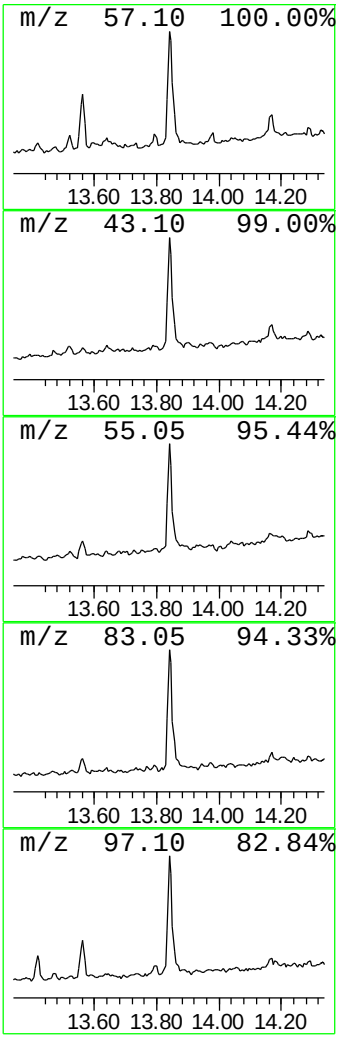
****

Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.18 ng	524319	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-012-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

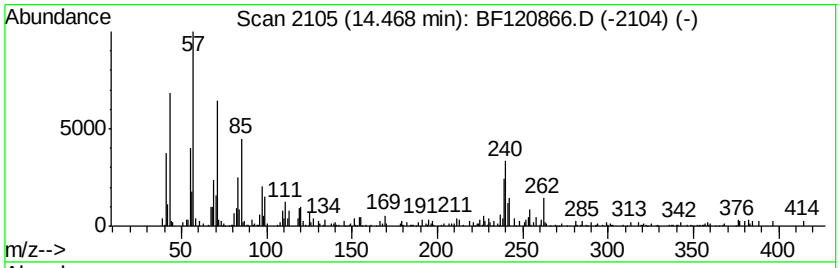
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

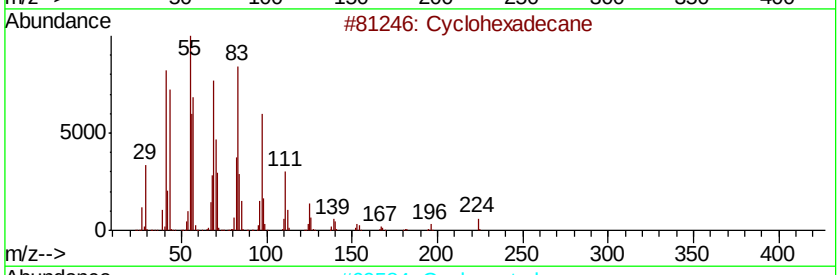
****

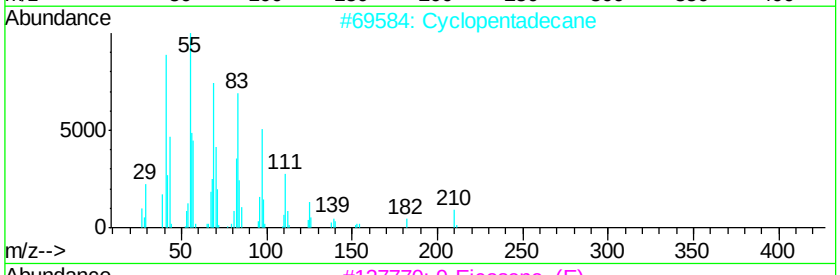
Peak Number 3 Cyclohexadecane Concentration Rank 3

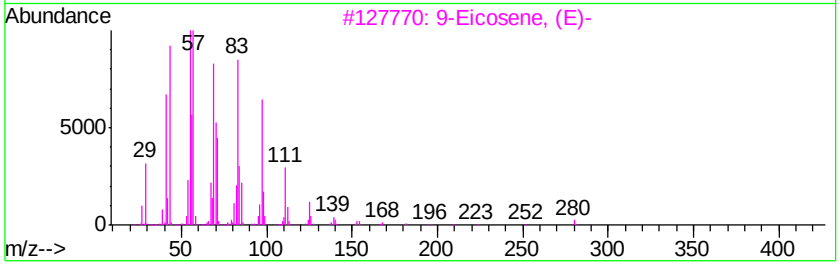
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.35 ng	284665	Chrysene-d12	13.99

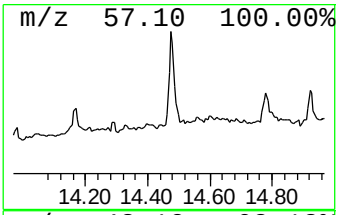
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	55
4	1-Tricosene	322	C23H46	018835-32-0	55
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55

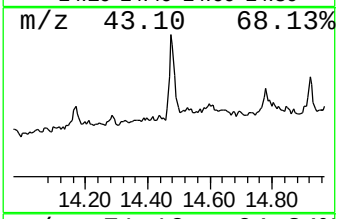


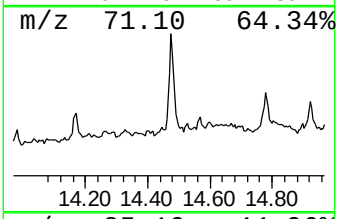


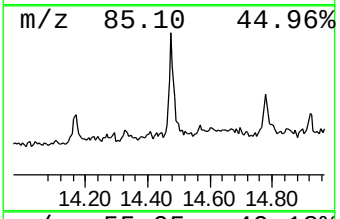


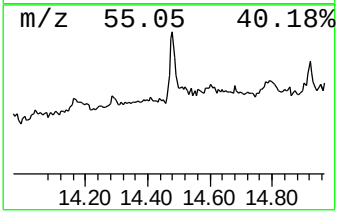












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-012-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

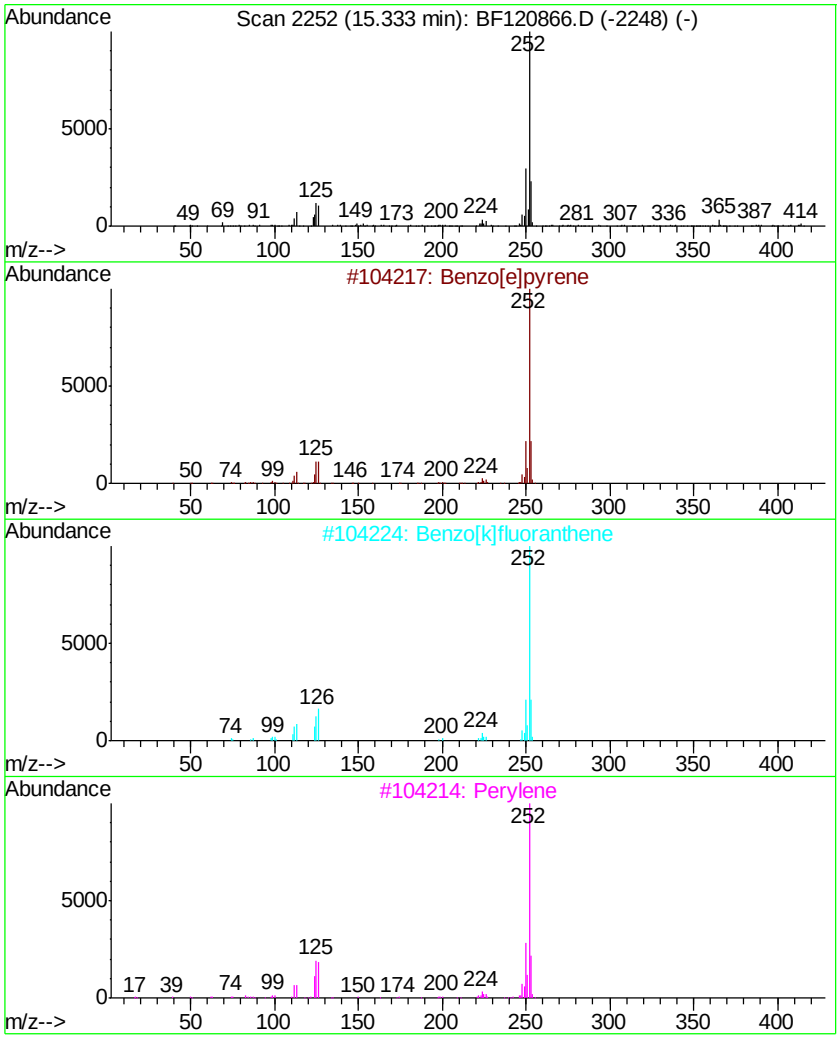
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

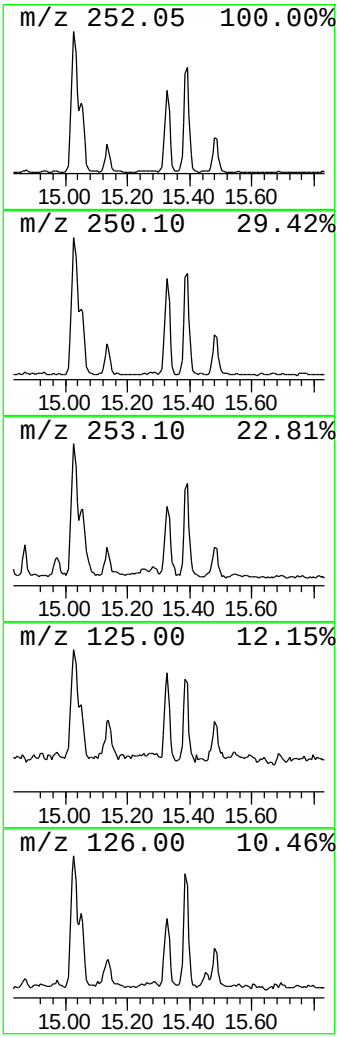
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	5.13 ng	289163	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071420\
Data File : BF120866.D
Acq On : 14 Jul 2020 17:49
Operator : JU/CG
Sample : L3287-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-012-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown12.33	12.33	3.0	ng	200436	4	11.36	1316920	20.0
n-Tetracosanol-1	13.84	6.2	ng	524319	5	13.99	1697840	20.0
Cyclohexadecane	14.47	3.4	ng	284665	5	13.99	1697840	20.0
Benzo[e]pyrene	15.33	5.1	ng	289163	6	15.46	1128050	20.0