LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026302.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.990	5	9	20	rVB	120546	206922	2.97%	0.391%
2	3.914	160	166	174	rVB	159514	240658	3.45%	0.454%
3	4.820	314	320	330	rBV	552797	821692	11.79%	1.551%
4	5.278	391	398	404	rBV	2210267	3354112	48.12%	6.332%
5	5.337	404	408	416	rVB	186797	376683	5.40%	0.711%
6	5.702	465	470	480	rVB3	67505	126152	1.81%	0.238%
7	6.172	544	550	558	rBV3	60839	123121	1.77%	0.232%
8	6.314	566	574	578	rBV5	32747	81061	1.16%	0.153%
9	6.655	625	632	635	rBV	40243	85422	1.23%	0.161%
10	6.761	646	650	655	rVB5	45411	81708	1.17%	0.154%
11	6.831	655	662	671	rBV	1923008	3130223	44.91%	5.909%
12	7.302	733	742	748	rVB	80737	134769	1.93%	0.254%
13	7.643	794	800	809	rBV	821273	1292622	18.55%	2.440%
14	7.919	842	847	857	rVB7	32963	93167	1.34%	0.176%
15	8.784	976	994	1007	rBV	1151413	2258216	32.40%	4.263%
16	9.219	1060	1068	1082	rBV	105236	235103	3.37%	0.444%
17	9.337	1082	1088	1095	rVB6	34689	77733	1.12%	0.147%
18	9.443	1100	1106	1114	rVB	273714	476228	6.83%	0.899%
19	10.408	1262	1270	1276	rBV	975920	1693734	24.30%	3.198%
20	10.555	1290	1295	1305	rVB3	93402	202871	2.91%	0.383%
21	10.760	1324	1330	1346	rBV	275997	574014	8.24%	1.084%
22	11.755	1486	1499	1506	rBV	554857	959784	13.77%	1.812%
23	12.507	1621	1627	1633	rBV2	52419	106547	1.53%	0.201%
24	12.602	1639	1643	1651	rVB	73991	125930	1.81%	0.238%
25	12.878	1683	1690	1705	rBV	2835836	4637085	66.53%	8.754%
26	13.107	1723	1729	1738	rVB	196276	304478	4.37%	0.575%
27	13.990	1874	1879	1886	rBV	48667	80015	1.15%	0.151%
28	14.107	1892	1899	1908	rBV2	66151	174618	2.51%	0.330%
29	14.272	1917	1927	1934	rBV	1412535	2268662	32.55%	4.283%
30	14.337	1934	1938	1944	rVB2	47053	73350	1.05%	0.138%
31	15.654	2156	2162	2171	rBV	494095	737115	10.58%	1.392%
32	15.784	2178	2184	2203	rBV	2614846	3889567	55.80%	7.343%
33	16.231	2255	2260	2266	rBV	67608	96866	1.39%	0.183%
34	17.072	2397	2403	2408	rBV2	1572773	2521754	36.18%	4.761%
35	17.113	2408	2410	2420	rVV	226221	339632	4.87%	0.641%
36	17.207	2422	2426	2433	rVB	88800	141559	2.03%	0.267%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.490	2470	2474	2482	rBV7	38649	82082	1.18%	0.155%
38	18.025	2560	2565	2573	rBV2	445481	725011	10.40%	1.369%
39	18.184	2587	2592	2596	rBV2	104921	184814	2.65%	0.349%
40	18.419	2627	2632	2638	rBV2	171938	257866	3.70%	0.487%
41	18.478	2638	2642	2644	rBV2	71244	86372	1.24%	0.163%
42	18.613	2661	2665	2677	rVB	163638	254462	3.65%	0.480%
43	18.766	2687	2691	2697	rVB2	157425	195578	2.81%	0.369%
44	18.895	2709	2713	2717	rBV	114476	196512	2.82%	0.371%
45	19.207	2761	2766	2774	rBV	677577	1031514	14.80%	1.947%
46	19.284	2775	2779	2783	rVB	225442	270981	3.89%	0.512%
47	19.366	2789	2793	2799	rBV	237804	356188	5.11%	0.672%
48	19.589	2822	2831	2839	rBV	700325	1209804	17.36%	2.284%
49	19.813	2864	2869	2880	rVB	5529588	6970041	100.00%	13.158%
50	20.036	2903	2907	2911	rBV	250012	295131	4.23%	0.557%
51	20.113	2917	2920	2927	rVB2	150367	202726	2.91%	0.383%
52	20.213	2934	2937	2942	rBV	114209	170420	2.45%	0.322%
53	20.272	2944	2947	2952	rVB2	81638	111344	1.60%	0.210%
54	21.207	3102	3106	3114	rVB4	312687	510779	7.33%	0.964%
55	21.513	3151	3158	3164	rBV2	2336578	4145668	59.48%	7.826%
56	24.819	3711	3720	3728	rBV2	1390246	3589921	51.51%	6.777%

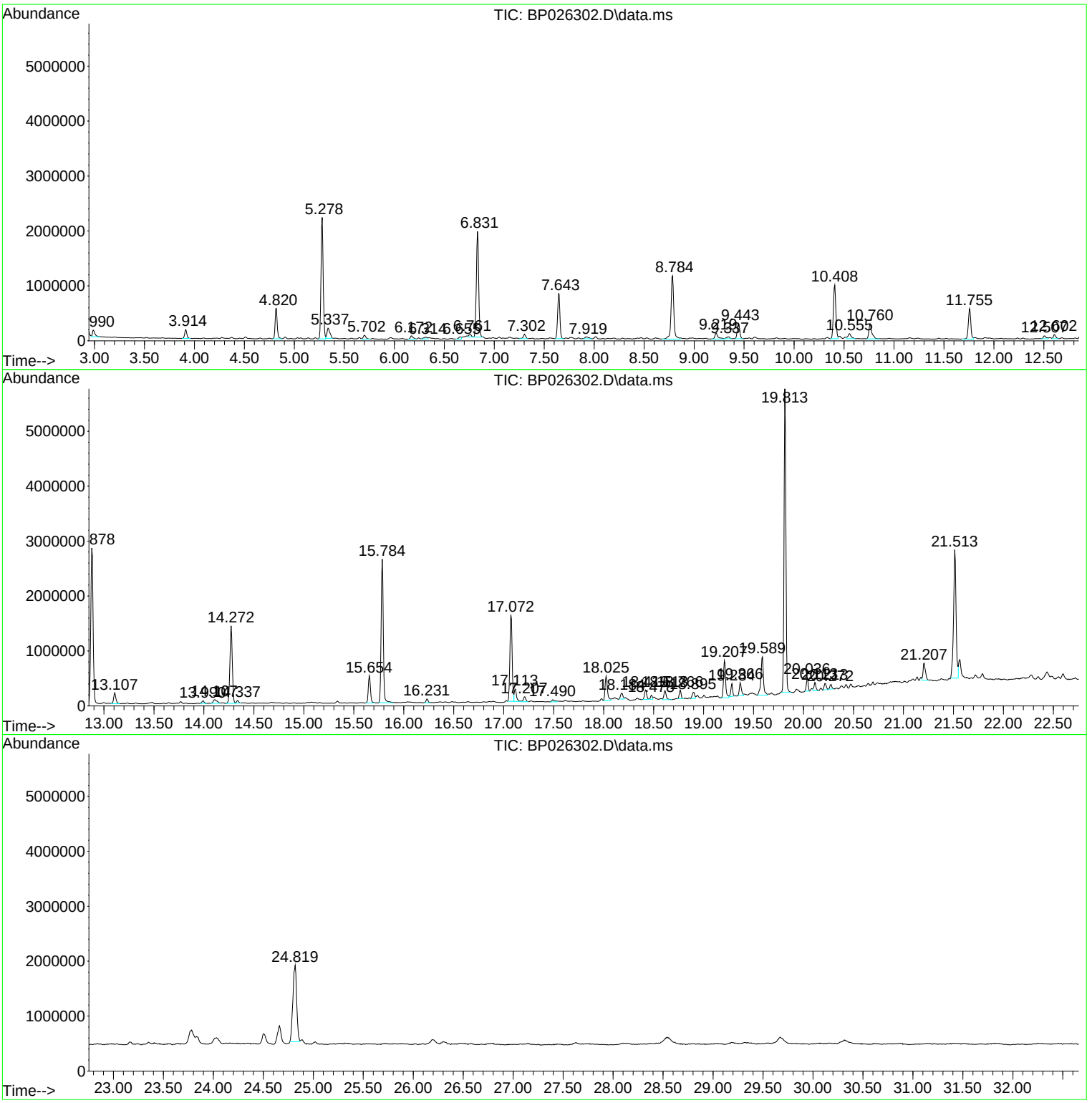
Sum of corrected areas: 52970387

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
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Instrument :
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B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

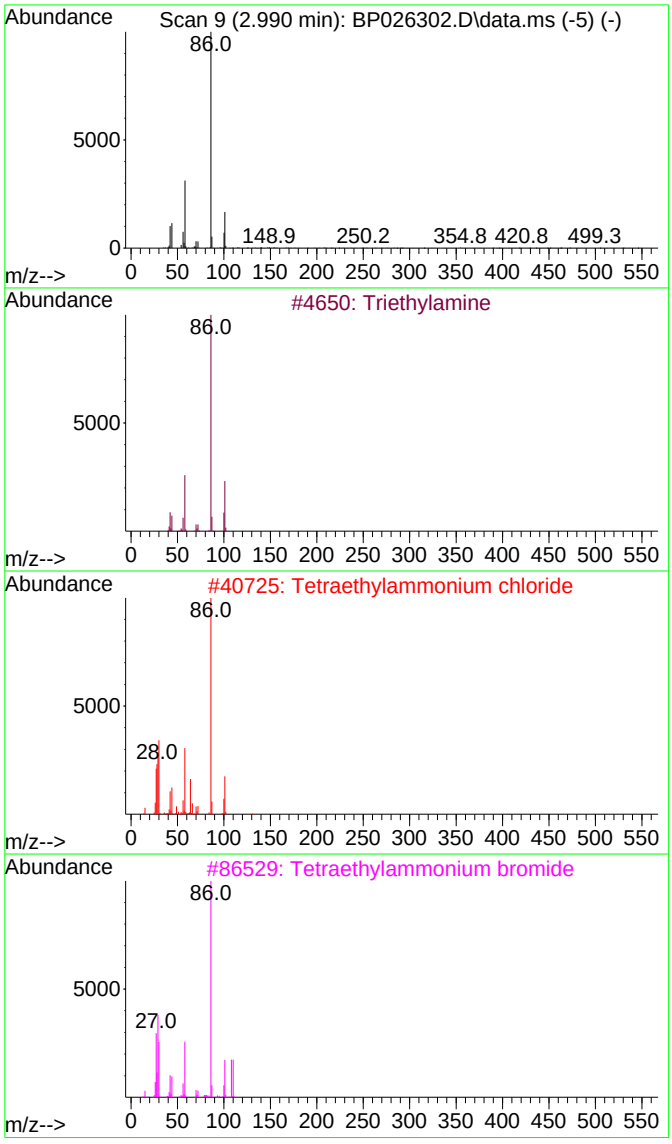
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

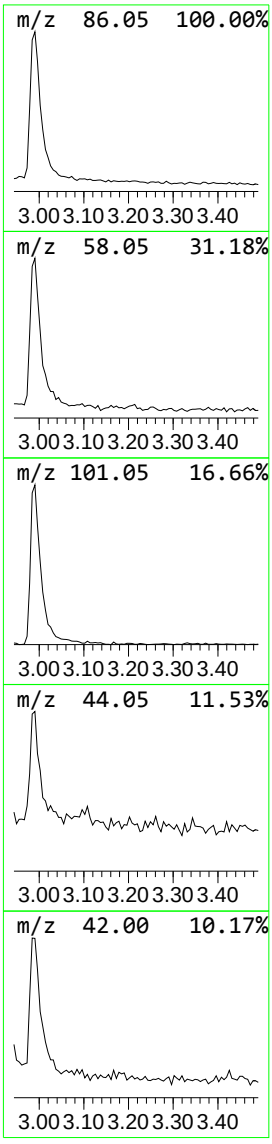
****

Peak Number 1 Triethylamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.990	3.20 ng	206922	1,4-Dichlorobenzene-d4	7.649

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylamine	101	C6H15N	000121-44-8	91
2	Tetraethylammonium chloride	165	C8H20ClN	000056-34-8	83
3	Tetraethylammonium bromide	209	C8H20BrN	000071-91-0	78
4	Methanediamine, N,N,N',N'-tetrae...	158	C9H22N2	000102-53-4	72
5	Tetraethyl ammonium fluoride	149	C8H20FN	000665-46-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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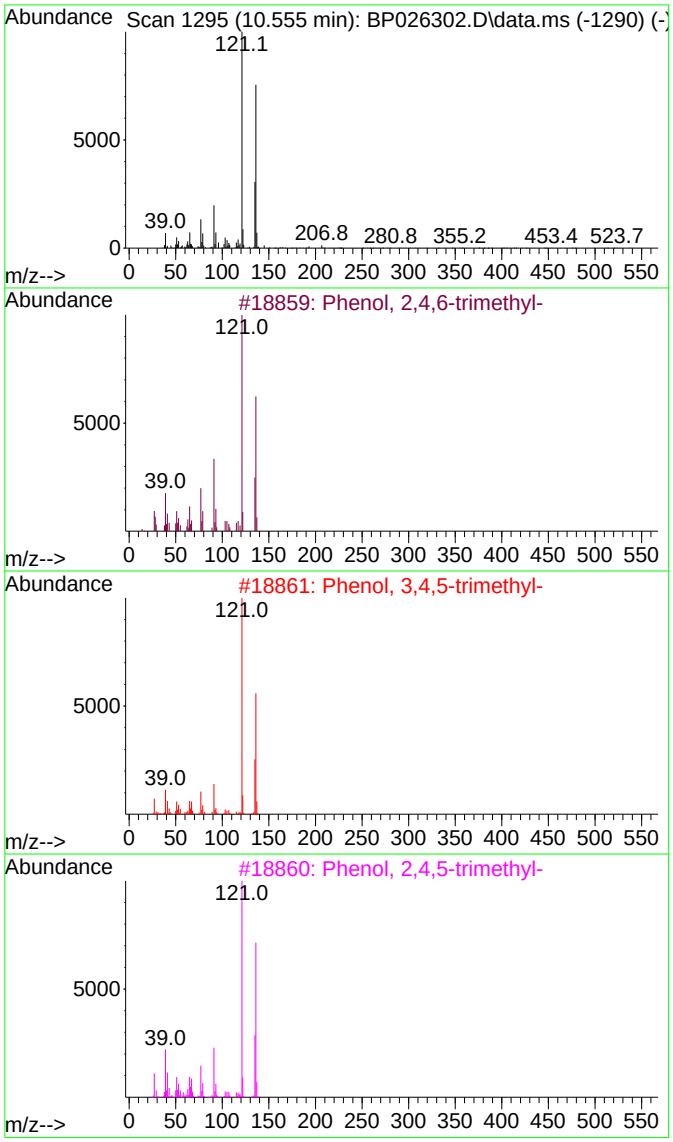
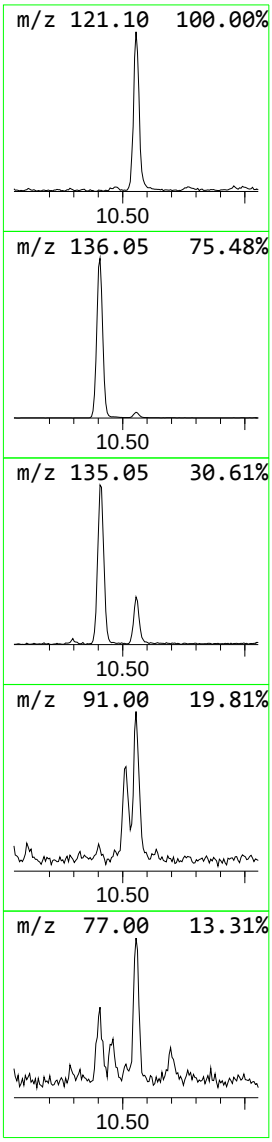
Peak Number 8 Phenol, 2,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.555	2.40 ng	202871	Naphthalene-d8	10.408

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

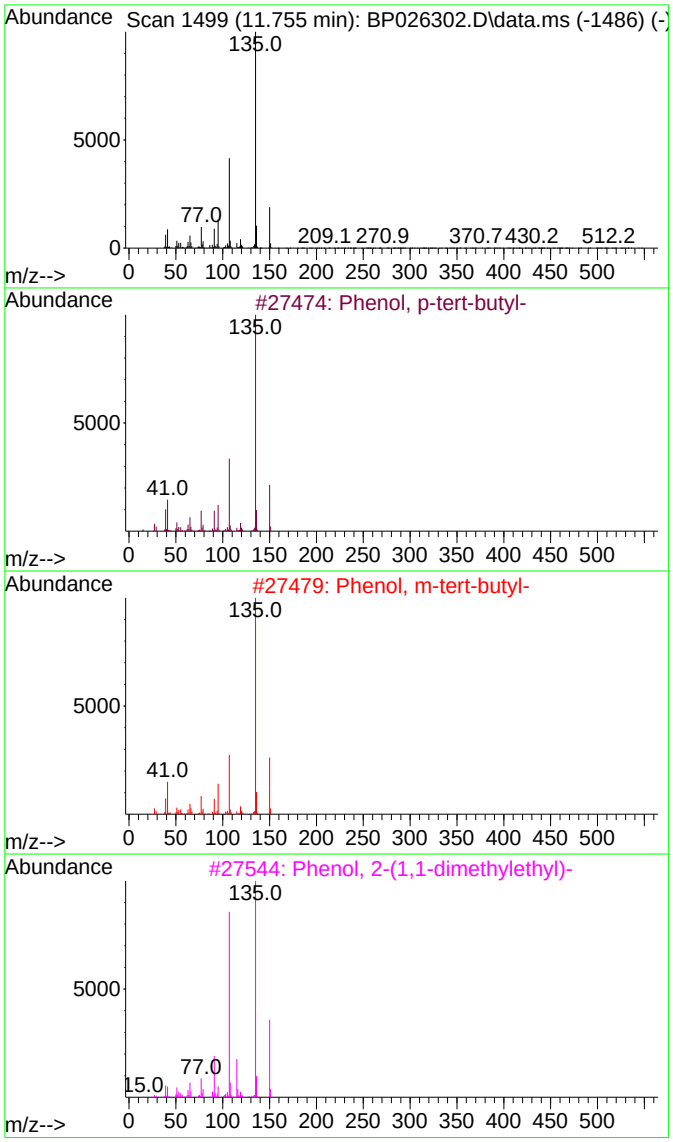
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

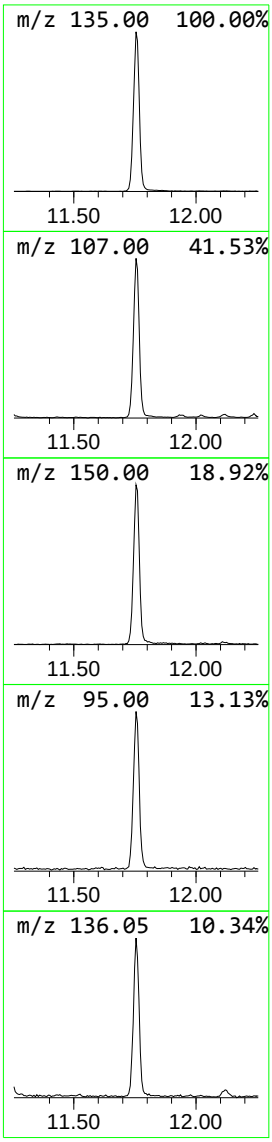
****

Peak Number 10 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.755	11.33 ng	959784	Naphthalene-d8	10.408

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	83
4	Imidazo[1,2-c]pyrimidin-5-ol	135	C6H5N3O	055662-66-3	64
5	4-Acetylanisole	150	C9H10O2	000100-06-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

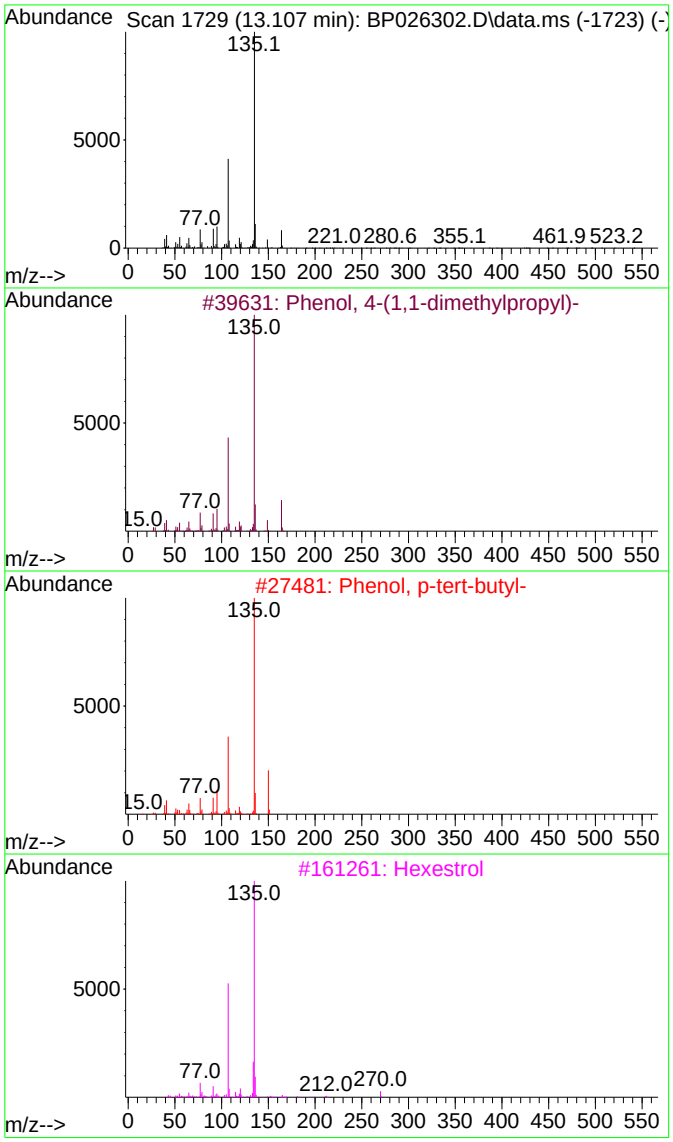
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

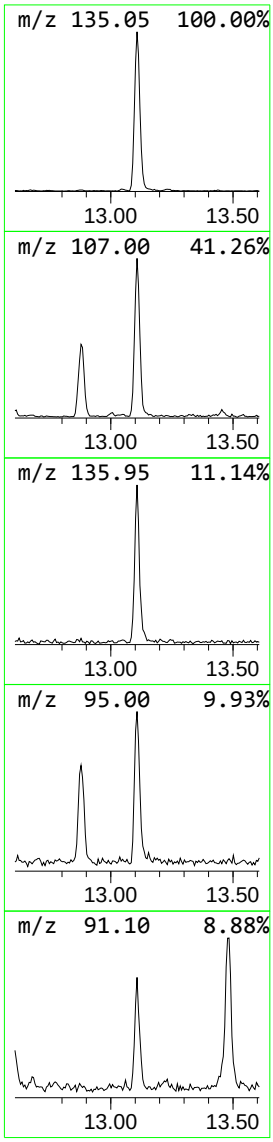
****

Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.107	2.68 ng	304478	Acenaphthene-d10	14.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
3	Hexestrol	270	C18H22O2	000084-16-2	72
4	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	64
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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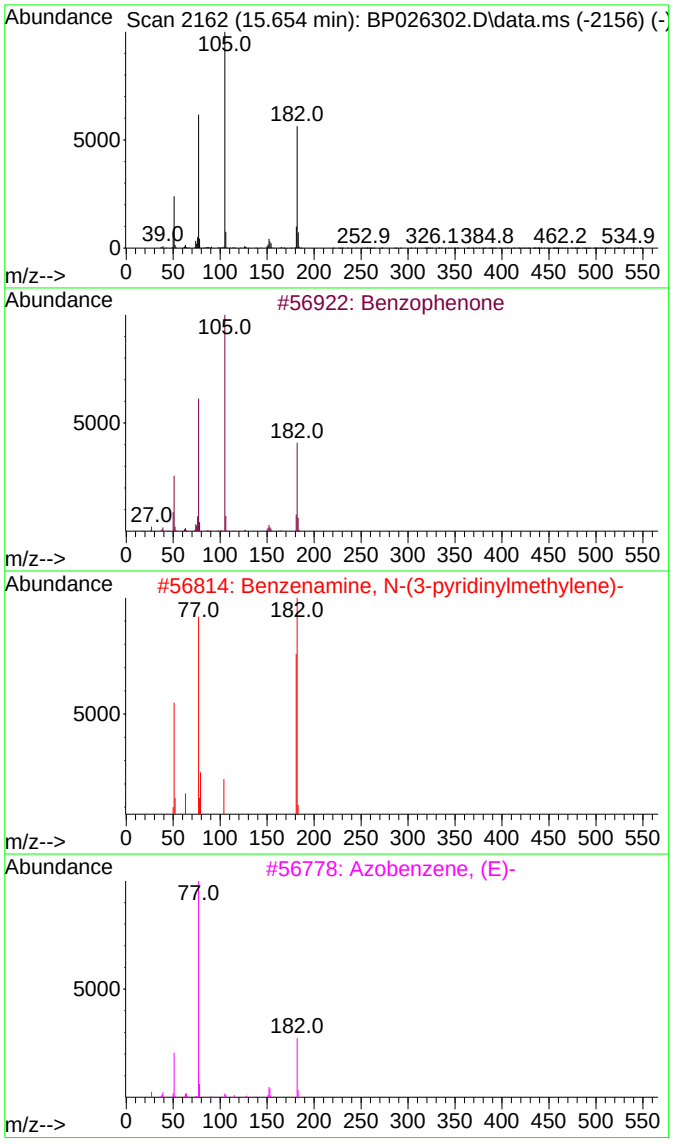
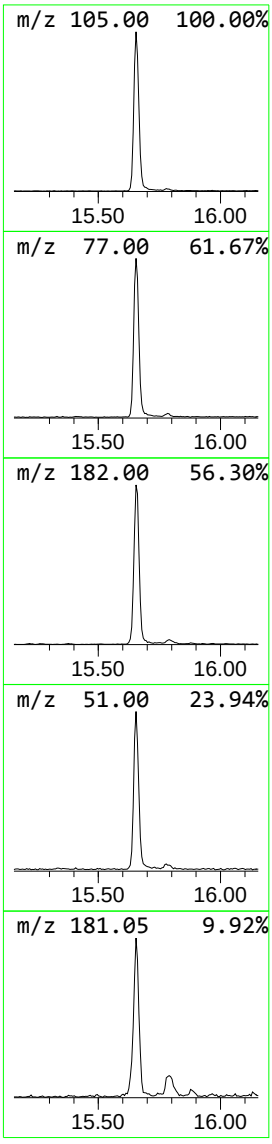
Peak Number 12 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.654	6.50 ng	737115	Acenaphthene-d10	14.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38
5	Azobenzene	182	C12H10N2	000103-33-3	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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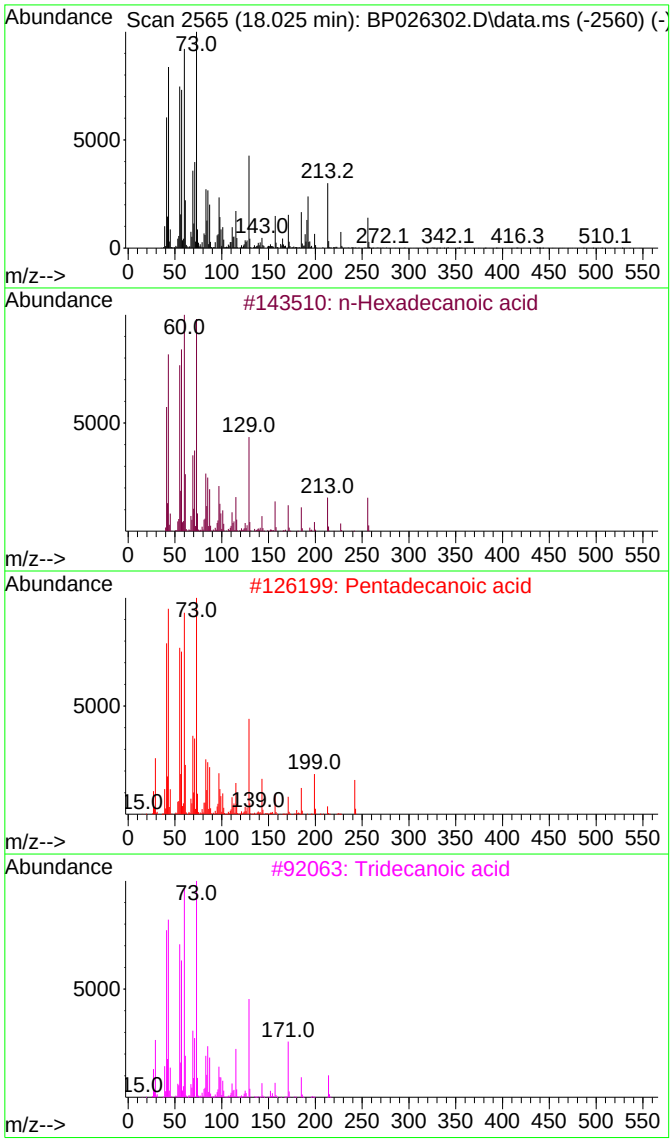
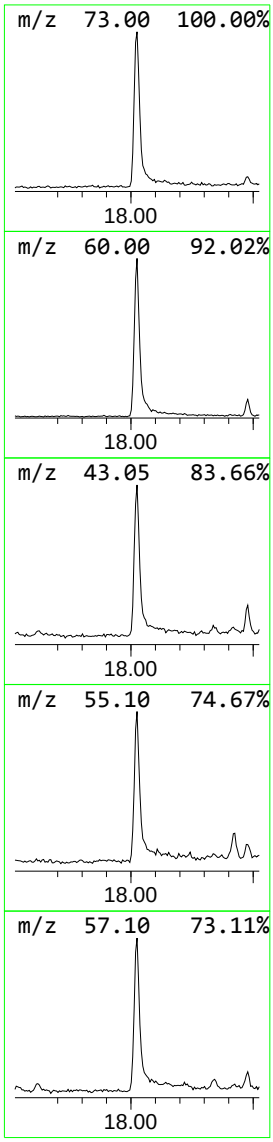
Peak Number 13 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.025	5.75 ng	725011	Phenanthrene-d10	17.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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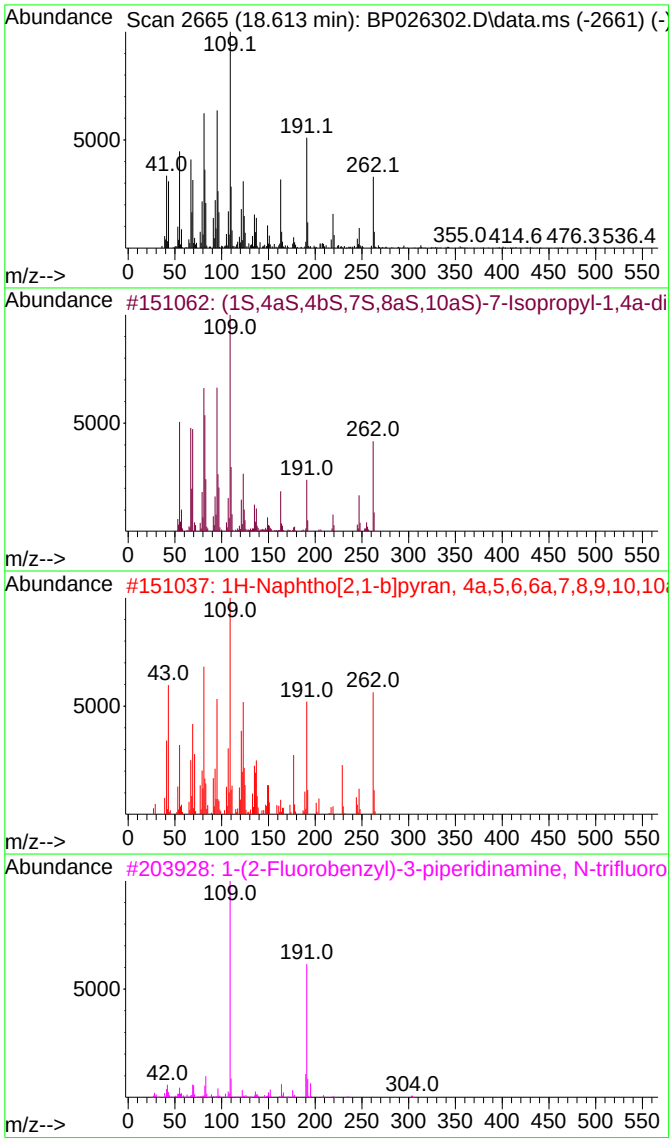
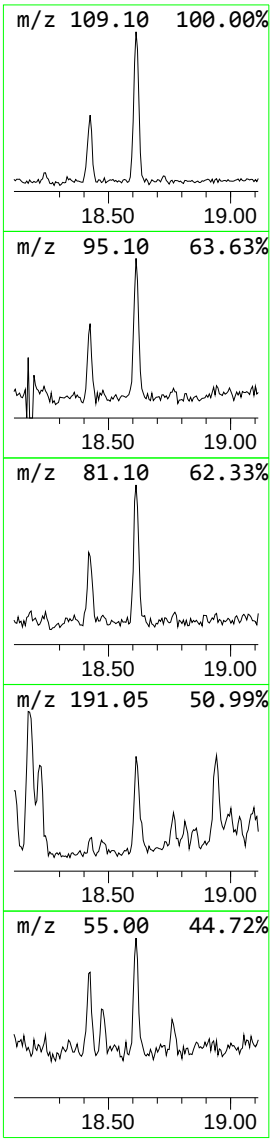
Peak Number 15 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.613	2.02 ng	254462	Phenanthrene-d10	17.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	93
2	1H-Naphtho[2,1-b]pyran, 4a,5,6,6...	262	C18H30O	005153-92-4	43
3	1-(2-Fluorobenzyl)-3-piperidinam...	304	C14H16F4N2O	1000469-11-0	38
4	3-[(4-Fluorophenyl)methyl]-1,2,3...	192	C9H9FN4	1000435-39-8	35
5	1H-Pyrazole-1-ethanol, .beta.-(3...	248	C13H20N4O	1000460-84-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

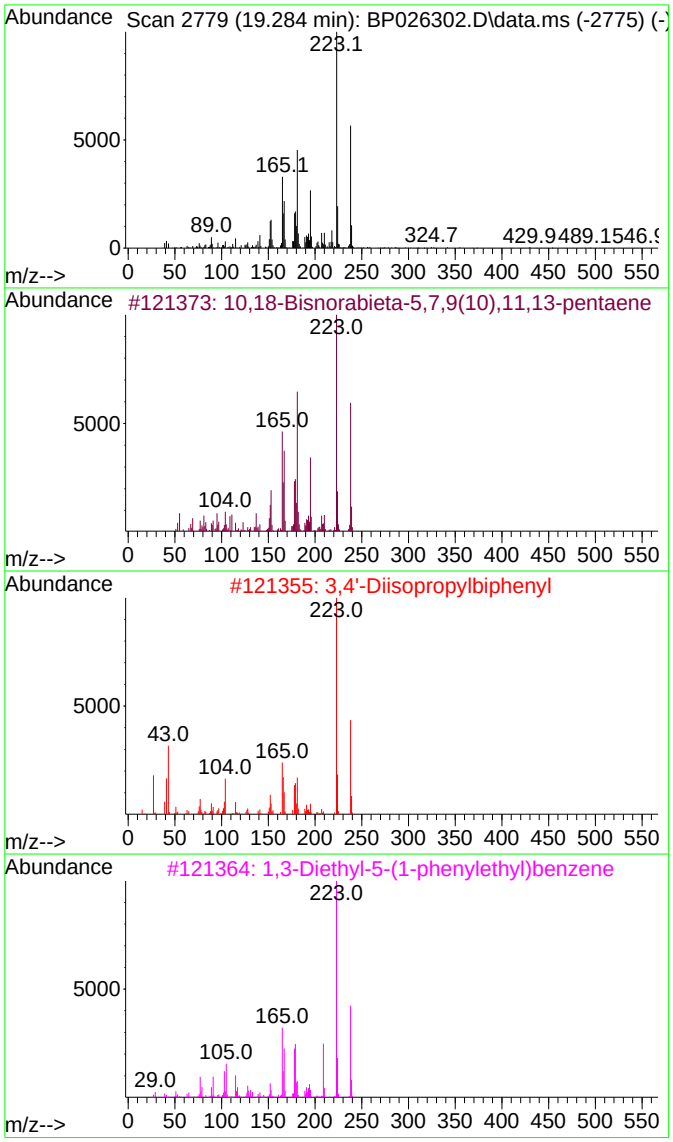
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

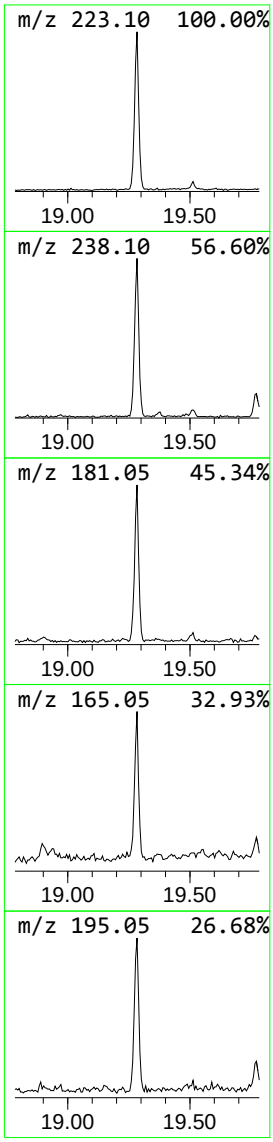
****

Peak Number 16 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.284	2.15 ng	270981	Phenanthrene-d10	17.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	76
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	60
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

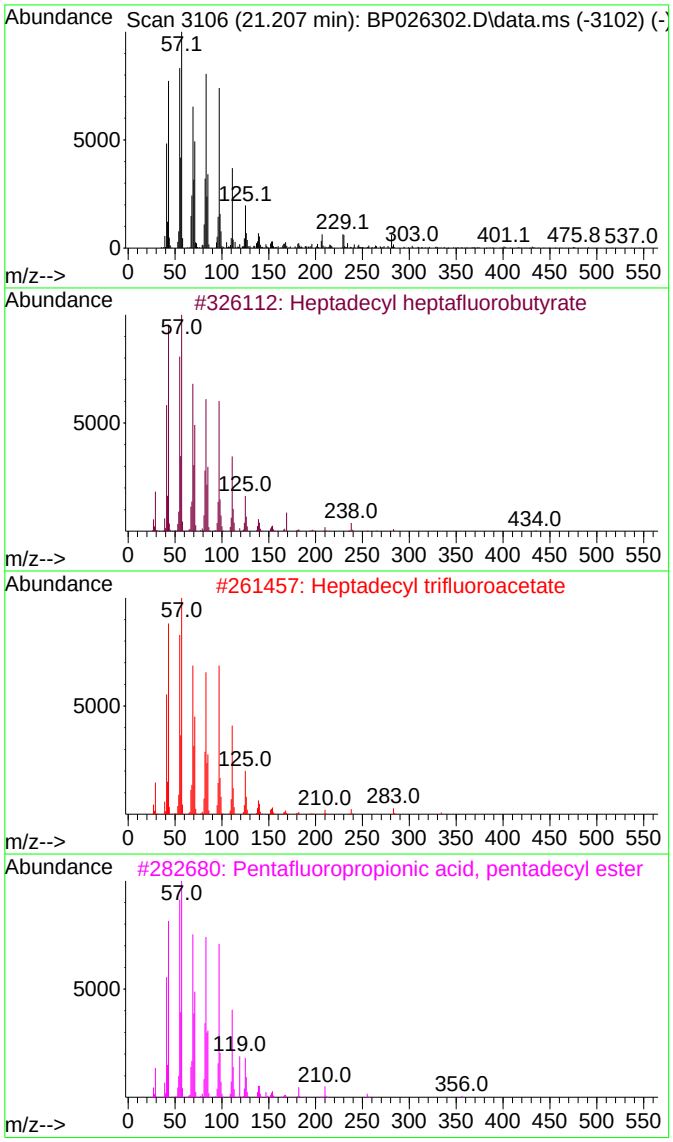
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

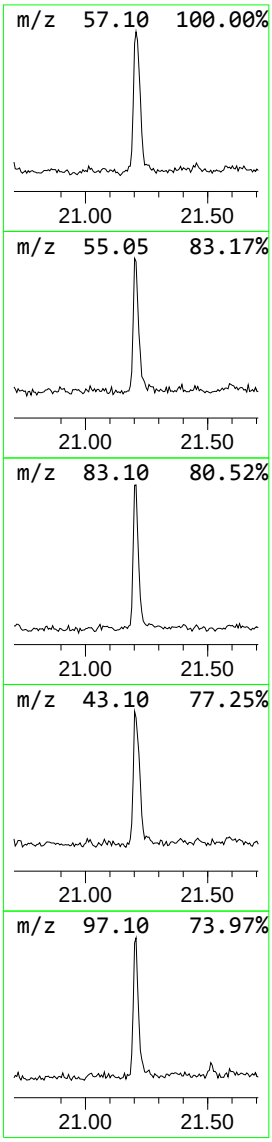
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Heptadecyl heptafluorobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.207	2.46 ng	510779	Chrysene-d12	21.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026302.D
Acq On : 11 Dec 2025 21:22
Operator : RC/JU
Sample : Q3834-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B127(8-10)120925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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
Triethylamine	2.990	3.2	ng	206922	1	7.649	1292620	20.0
Phenol, 2,4,6-t...	10.555	2.4	ng	202871	2	10.408	1693730	20.0
Phenol, p-tert-...	11.755	11.3	ng	959784	2	10.408	1693730	20.0
Phenol, 4-(1,1-...	13.107	2.7	ng	304478	3	14.272	2268660	20.0
Benzophenone	15.654	6.5	ng	737115	3	14.272	2268660	20.0
n-Hexadecanoic ...	18.025	5.8	ng	725011	4	17.072	2521750	20.0
(1S,4aS,4bS,7S,...	18.613	2.0	ng	254462	4	17.072	2521750	20.0
10,18-Bisnorabi...	19.284	2.1	ng	270981	4	17.072	2521750	20.0
Heptadecyl hept...	21.207	2.5	ng	510779	5	21.513	4145670	20.0